"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

S/056/62/042/002/041/055
B108/B104

AUTHORS: Mattkhiz, Z., Neudachin, V. G., Smirnov, Yu. F

TITLE: Single-particle levels in O^{17} and F^{17} nuclei with assumed strong coupling of nucleon and core with tetrahedral symmetry

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v 42, no. 2, 1962, 592 - 596

TEXT: In order to find additional evidence for the nuclear α-model the authors calculated the low-energy levels of O^{17} and F^{17} considering strong coupling between the outer nucleon and the tetrahedral core. This symmetry allows also rotational levels with small nuclear spin and negative parity. In fact, such states have been observed in experiments. A nonspherical potential similar to the Nilsson potential is used in the Hamiltonian of the internal motion: $V = (m\omega^2(\delta)r^2/2)\left[1 - \delta\frac{i}{\sqrt{2}}(Y_{3,-2} \quad Y_{3,2})\right]$. This potential V is invariant with respect to transformations of the group T_d (symmetry A_1). For this reason the wave functions of the states of the

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Single-particle levels ... S/056/62/042/002/041/055
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shell 1d - 2s contain contributions from the states of the subsequent shell 1f - 2p. The orbitals have the symmetries A_1 (mixed 2s and 1f states) E(1d), and F_2 (1d, 2p, 1f). The best agreement between calculations and experiments was attained with $\delta = 0.8 - 0.9$. Professor A. S. Davydov is thanked for advice. V. Orlin (V. G. Neudachin, V. N Orlin. ZhETF, 41, 874 1961) is mentioned There are 1 table and 15 references: 5 Soviet and 10 non-Soviet. The four most recent references to English language publications read as follows: I. V. Kane et al. Phys. Rev., 120, 162, 1961; M A. Melvin. Rev. Mod. Phys., 28, 18, 1960; A. M. Lane. Rev. Mod. Phys. 32, 519, 1960 and M. H. Macfarlane, J. B. French. Rev Mod. Phys. 32, 567 1960; P. D. Kunz. Ann. of Phys. 11, 275, 1960.

ASSOCIATION: Institut yadernoy fiziki Moskovskogo gosudarstvennogo universiteta (Institute of Nuclear Physics of Moscow State University)

SUBMITTED: September 8, 1961

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APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATTKHIZ. Z.; NEUDACHIN, V.G.; SMIRNOV, Yu.F.

Amplification of E2 and E3 transitions in the nuclear p-shell as a indication of the spatial isolation of α-associations. Izv. AN SSSR. Ser. fiz. 27 no.10:1273-1276 O '63. (MIRA 16:10)

1. Nauchno-issledovatel'skiy institut yadernoy fiziki Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.

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L 10[illegible] EWT(m)-2/EWT(m)/EDS AFFTC/ASD/SSD Pe-4

ACCESSION NR: AP3005254 S/0056/63/045/002/0107/0115

61
60

AUTHOR: [illegible]; Nemchenko, V. G.; Sokolov, Yu. F.

TITLE: Determination of the mutual arrangement of nucleon clusters in a nucleus with the aid of the directed orbital method

SOURCE: Zhur. eksper. i teoret. fiz., v. 45, no. 2, 1963, 107-115

TOPIC TAGS: alpha cluster, shell model, resonant group model, alpha particle model, directed orbital method

ABSTRACT: [illegible] general rules, which can be used to determine the geometric arrangement of alpha-clusters in a nucleus from a given Wilson orbit series or shell [illegible] are derived from a modified version of the directed orbital method of [illegible] chemistry. The study is evoked by the limitations of the previously [illegible] alpha-particle model and of the later Wheeler resonant-group model which [illegible] developed into the cluster model, particularly for given states of [illegible] with a Young tableau [44...4], which have not been discussed in general form [illegible]. The analysis is limited to light nuclei, and some excited states of O-16 and C-12, as well as the geometric arrangement of alpha-clusters in Ca-40, are

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[illegible]

[illegible]

[illegible] way of examples. Some complications arising in the alpha-model in-[illegible] of light nuclei are discussed. Orig. art. has 3 formulas and 1 [illegible]

[illegible] Lenin Yadernoy fiziki Moskovskogo gosudarstvennogo universiteta [illegible] Moscow State University)

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[illegible] SOV/[illegible] [illegible] [illegible]
[illegible] AP3002[illegible] S/056/63/045/002/0131/0142

[illegible] Smirnov, V. G.

[illegible] calculation of some methods of nuclear theory to molecular collisions

[illegible] Zhur. eksper. i teoret. fiz., v. 45, no. 2, 1963, 131-142

[illegible] molecular collisions, excitation energy, vibration level, rotation level, fast-particle knock-on, Breit-Wigner resonance

[illegible] A method is presented for calculating the relative excitation intensities of various vibrational and rotational levels corresponding to definite states of a radical produced when an atom or an ion is knocked out by a fast particle from a molecule. The purpose of the study is to apply the molecular vibration theory and the shell-model of the nucleus, previously developed by the authors and Smirnov (Zhur. ZhETF, ser. fiz., v.26, 1199, 1962), to an investigation of molecular collisions. The concept of reduced width is introduced into the theory. The method is illustrated with the H_2O molecule as an example. The intensity of excitation of the vibrational levels of the H_2 molecule remaining after the O atom is knocked out

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ACCESSION NR: AP3003258

9

[illegible] exponentially with increasing excitation energy, whereas for the CH radiation (if [illegible] cell) the excitation energy decreases. In conclusion, the conditions for the appearance of resonances described by the Breit-Wigner formula are [illegible] and for elastic collisions. It is noted that such a possibility exists for the scattering of neon by neon. In conclusion, the authors are grateful to V. I. Goldanskiy, A. S. Davydov, V. N. Lacman, S. A. Kaev, Ye. Ye. Nikitin, G. I. Gilpor, N. D. Sokolov, and Ye. V. Stupchenko for valuable advice and interesting discussions. Orig. art. has 8 figures, 15 formulas, and 2 tables.

ASSOCIATION: Institut yadernoy fiziki Moskovskogo gosudarstvennogo universiteta (Institute of Nuclear Physics, Moscow State Univ.)

SUBMITTED: [illegible] DATE ACQ: 06Sep63 ENCL: 00

SUB CODE: PH NO REF SOV: 014 OTHER: 014

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

UDOYAROV, Yu. A.; MATTKHIZ, Z.; NEUDACHIN, V. G.; SMIRNOV, Yu. F.

"Determination of the Degree of Isolation of Alpha Clusters in Nuclei of the p-shell by Eλ Transitions."

"Inelastic Scattering of Electrons on Be^9 in the Nucleon Cluster Model."

reports submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi, 14-22 Feb 64.

Moscow State Univ.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

STEPANEK, I.; ANDRASINA, J.; STACHY, A.; ROZDOBUDKOVA, V.; MATTOVA, M.

Effect of fibrinolytic preparations isolated from the human blood plasma on experimental chronic wounds in rabbits. Bratisl. lek. listy 45 no.9:539-542 15 N '65.

1. Ustav ser a ockovacich latok v Prahe (riaditel MUDr. J. Malek) pobocka Sarisske Michalany (veduci pobocky inz. S. Stefanik) a Vedecke laboratorium chirurgickej kliniky Lekarske fakulty Univerzity P.J. Safarika v Kosiciach (veduci prof. MUDr. J. Knazovicky).

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MAT'TS, L.U., dots., kand. tekhn. nauk.

Testing hydraulic piston drives. Trudy LVMI no.6:217-233 '57.
(Machine tools—Hydraulic driving) (MIRA 11:5)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MAT'TSEV, M.V.; KONOVALOV, L.I.

Possibilities for increasing brick production. Stroi. mat. 11 no.2:26-27 F '65. (MIRA 18:3)

1. Glavnyy inzh. Cheremushkinskogo keramicheskogo zavoda (for Mal'tsev). 2. Nachal'nik tekhnicheskogo otdela Cheremushkingskogo keramicheskogo zavoda (for Konovalov).

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

1. GLETZER, V., MATTSKOV, A. A.

2. USSR (600)

4. Machinery-Maintenance and Repair

7. Saving metal in equipment repair. Za ekon. mat. no. 5, 1952. pp. 74-77

Translation B-66181

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Uncl.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATTSKOV, A.A.

AUTHORS: Gleyzer, V.Ye., Mattskov, A.A., Engineers SOV-117-58-8-2/28

TITLE: Modernization of Machine Tools in the Moscow Brake Plant (Modernizatsiya stankov na Moskovskom tormoznom zavode)

PERIODICAL: Mashinostroitel', 1958, Nr 8, pp 10-15 (USSR)

ABSTRACT: In the Moscow Brake Plant the turning and screw-cutting lathe Ye-3 (year of production 1930) is used. This lathe has been modernized by increasing the revolutions of the drive shaft from 825 to 970 per min. The spindle bearing has been replaced by a radial roller bearing permitting a speed of 3,500 rpm. Jet lubrication by means of a plunger pump has been installed in the speed gear. The power of the electric motor has been increased from 4.5 kw to 7.8 kw. The productivity of the modernized lathe is 25-30 % higher than the old one. The turning and screw-cutting lathe in Figure 2 (year of production 1925) has been transformed into a special lathe for the machining of parts which can not be treated with abrasives. The lathe has been fitted with bearings for pressures of 350 kg at 3,000 rpm. A new lubrication pump and worm gear have been installed. The productivity of the lathe increased by 32 %. The horizontal milling lathe (year of production 1930) has been improved by the installation of an additional milling head. The turning

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speed of the spindle is 1,500, 2,860, or 5,000 rpm. The productivity of the lathe has been increased more than two times. The cylinder-and-cone grinding machine (year of production 1930) has been fitted with a new front mandrel, with individual electromotors, etc. The mandrel permits grinding with a speed of 155-400 rpm. The productivity of the machine has been increased 30 %. The turning turret lathe (year of production 193[illegible]) has been improved by the installation of a 10 kw electromotor, and by the replacement of a flat-belt transmission by a V-belt transmission. The speed of the spindle is 650 rpm. The productivity of the lathe has been increased two times and the auxiliary time needed has been reduced by 27 %.
There are 5 diagrams.

ASSOCIATION: Moskovskiy tormoznyy zavod (Moscow Brake Plant)

1. Machine tools - USSR

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

SOV/117-58-12-4/36

AUTHOR: Mattskov, A.A., Engineer, Deputy Chairman of Zavkom

TITLE: The Moscow Brake Plant (Moskovskiy tormoznoy zavod)

PERIODICAL: Mashinostroitel', 1958, Nr 12, p 4 (USSR)

ABSTRACT: Workers, engineers and technicians from the Moscow Brake Plant are endeavouring to increase production according to the new KPSS program. The planned measures include the production of parts for a two-way electro-pneumatic brake, the first electro-pneumatic air distributor, development of new equipment, modernization of obsolete machines, and new work processes.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

S/117/60/000/001/005/005

AUTHORS: Gleyzer, V. Ye., Mattskov, A. A., Engineers

TITLE: Metal-Ceramic Bushings

PERIODICAL: Mashinostroitel', 1960, No. 1, p. 29

TEXT: Tests which were carried out at the TsNIITMASh and various plants (e. g. at the Kirov Plant in Leningrad, Novokramatorskiy Plant in Kramatorsk and others) show that metal-ceramic materials are the best substitutes for bronze in the manufacture of bushings, since they possess high antifriction properties and their manufacturing process is not complicated. Metal-ceramic bushings can undergo mechanical treatment: turning, milling, drilling and threading operations. Lathe work should be carried out at high cutting speeds and small feeds with 0.05 - 0.01 mm depth of cut. The authors point out that starting in 1953, the Moskovskiy tormoznoy zavod (Moscow Brake Plant) has been using metal-ceramics in various units of metal-cutting, metal-pressing and foundry machinery. In order to protect metal-ceramic parts from corrosion they should be impregnated with oil and covered with a paraffin layer. Preserved in such a way, they can be stored at temperatures in the range of 8-30°C up to one year. It is emphasized that special attention has to be given to the co-axiality of the

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Metal-Ceramic Bushings S/117/60/000/001/005/005

fitting seat of the bushing, since skewing reduces the durability of bushings considerably. Operational tests showed that metal-ceramics may well replace the "OU[illegible]-5-3" (OTsS6-6-3) tin bronze in the manufacture of bushings, if there are no impact loads, and in some cases they may even substitute bronze in antifriction bearings.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

S/035/62/000/006/050/064
A001/A101

AUTHOR: Mattskova, V. A.

TITLE: The checking of the map of rates of recent vertical movements of the Earth's crust on the territory of the western half of the European part of the USSR

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 6, 1962, 27, abstract 6G172 (Collection "Sovrem. tekton. dvizheniya zemn. kory i metody ikh izuch.", Moscow, AN SSSR, 1961, 64 - 70, English summary)

TEXT: In 1958 a preliminary map of rates of recent vertical movements of the Earth's crust on the territory of the western half of the European part of the USSR was published. It was compiled on the basis of materials of a repeated leveling performed prior to 1953 (see RZhAstr, 1959, no. 1, 623). During 1953 - 1959, 6,760 km new lines were repeatedly leveled on the same territory, and these materials made it possible to check and specify the earlier map. The former and new lines of repeated leveling (total extension being 35,477 km) formed a network of 33 polygons and 40 open traverses connected with 11 level-measuring stations.

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A001/A101

The checking of the map of...

Results obtained after adjustment of this network have shown that the most probable values of absolute rate of Earth's crust vertical movements at 3,545 points were determined with mean square errors of ±0.7 - ±1.1 mm/year (formerly these errors amounted to ±1.5 - ±2.3 mm/year), and absolute values proper of movement rates at various points were changed by up to 1 mm/year. The general pattern of movement rate distribution remained the same as on the preliminary map. Rate values on the improved map vary within the range from -6.3 to ±14.6 mm/year. The new data of repeated leveling made it possible to particularize the pattern of vertical movements of the Earth's crust on the territories of the Baltic republics, Moldavian SSR, the coast of the Azov Sea and along the Ternopol'-Volgograd line. The analysis of materials obtained by comparing the data of three levelings performed in the indicated regions at different times along the same lines has shown that movement direction remains unchanged, in basic features, between repeated levelings.

V. Sinyagina

[Abstracter's note: Complete translation]

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

L 43885-66 EWT(1) GW

ACC NR: AT6011148 SOURCE CODE: UR/3197/65/000/002/0233/0240

AUTHOR: Mattskova, V. A.

ORG: Central Scientific Research Institute of Geodesy, Aerial Surveying, and Cartography (Tsentral'nyy nauchno-issledovatel'skiy institut geodezii, aeros"yemki i kartografii)

TITLE: Recent movements and the qualitative characteristics of the curve of the rate of movement

SOURCE: AN EstSSR. Institut fiziki i astronomii. Sovremennyye dvizheniya zemnoy kory. Recent crustal movements, no. 2, 1965, 233-240

TOPIC TAGS: epeirogeny, crustal deformation, repeated leveling, geodesy

ABSTRACT: This paper analyzes the method of compiling maps used in the USSR to show the rates of vertical crustal movements. These maps are based on the assumption that the sign of recent movements does not change in the period between consecutive repeated levelings. The repeated-leveling data obtained on the Kandagach-Aral'sk-Arys'-line, the Chardzhou-Krasnovodsk line, the Kurgan-Novosibirsk line, the Bezenchuk-Chelyabinsk line, and the Novosibirsk-Topchikha line were used in this analysis. The following conclusions are presented by the author: 1) Along the existing lines of thrice repeated leveling, the

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main features of the direction of the crustal movements is generally preserved between consecutive repeated leveling operations, except on lines on which gross errors in elevation measurements are present. 2) If the interval between the repeated leveling was short (13—15 yr), the values of the rate of vertical movements were found to be larger than those obtained over an interval of 35—68 yr. 3) Maximum accuracy of the representation of the rates of vertical movements is achieved from geodetic data, but work methods for checking the results of leveling must be improved. Orig. art. has: 6 figures. [SI]

SUB CODE: 08/ SUBM DATE: none

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATTUS, P.

"Economizing Production in Clay Pits", P. 234, (STAVIVO, Vol. 32, No. 7, July 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATTUS, P.

MATTUS, P. Economical management of small brickmaking enterprises without investments. p. 350.

Vol. 34, no. 9, Sept. 1956
STAVIVO
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

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MATTYASOVSZKY, JENO

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATTYASOVSZKY, J.

"Our Task in the Field of Soil Conservation", P. 4, (AGRARTUDOMANY, Vol. 6, No. ½, Jan/Feb. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATTYASOVSZKY, J.

The problem of mapping erosion and its results up-to-now. p.61.
(KOZLEMENYEI. Vol. 11, no. 1/4, 1957. Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATTYASOVSZKY, J.

The origin of surface runoff water erosion. p.163.
(KOZLEMENYEI. Vol. 11, no. 1/4, 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATTYASOVSZKY, T.

MATTYASOVSZKY, T.
Burning bricks with added fuel. p. 172

Vol. 7, No. 5, May, 1955 Budapest, Hungary EPITOANYAG

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5
No. 3, March, 1956

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATTYASOVSKY, ZSOLNARY THOMAS

HUNGARY/Chemical Technology. Chemical Products and Their Application - Silicates. Glass. Ceramics. Binders. I-9

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12599

Author : Mattyasovsky-Zsolnary Thomas

Title : Firing of Brick Containing Combustible Additives

Orig Pub : Das Brennen von Ziegeln mit eingeformten Brennstoff. Epitoanyag. 1955, 7, No 5, 172-181 (Hungarian); Silikattechnik, 1956, 7, No 1, 23-26 (German)

Abstract : The advantages are pointed out of incorporation into the bricks of combustible additions. Suitable additions include coal dust, ash from railroad engines and heat and power plants, boiler slag, coke fines, furnace slag, sawdust, hemp and flax waste, flax and even rice hulls. Described are the methods of preparation, amounts and incorporation of the fillers. An analysis is made of the processes which take place during firing of materials containing large amounts of $CaCO_3$ and Fe.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATTYASOVSZKY, T.

Manufacturing heat-insulating tube shells from fibers produced from melted silicates. (To be contd.) p.257.

EPITOANYAG. Budapest, Hungary. Vol. 11, no. 7, July 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

Mattyasovszky, T.

Manufacturing heat-insulating tube shells from fibers produced from melted silicates. Pt.2. p.273

EPITOANYAG. (Epitoanyagipari Tudomanyos Egyesulet)
Budapest, Hungary. Vol. 11, no.8, August 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no.11
November 1959
Uncl.

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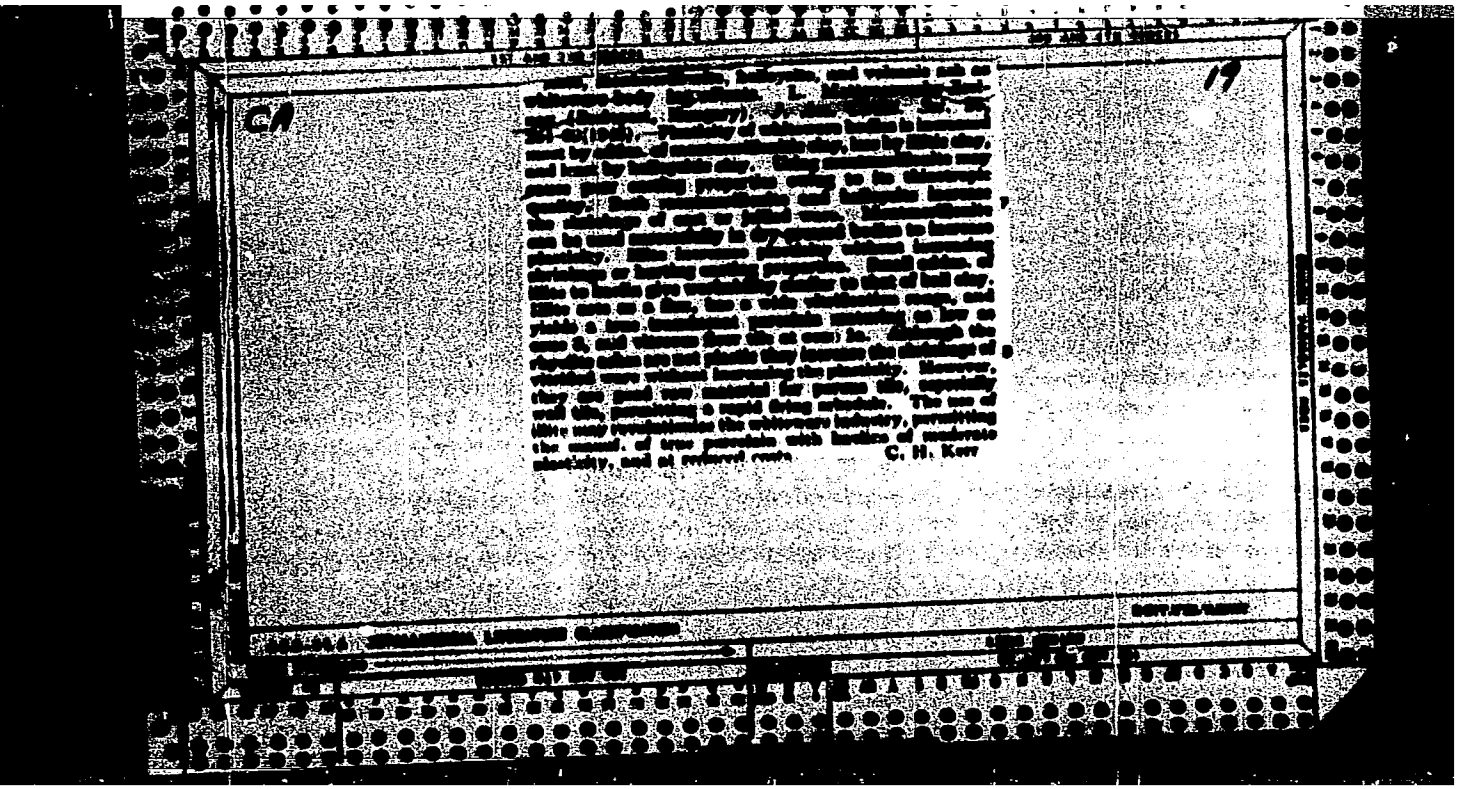

C. H. Kerr

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C.A.

19

Glazing of white porcelain wares in a tunnel furnace. Lásló Mátyásovszky-Zsolnay. Hung. 138,000, Nov. 15, 1950. The furnace is vented in such a manner that a reducing atm. should be maintained at the period when the enamel is melted or, in the case of wares without enamels, the pores of the substances are closing. There are established alternately reducing and oxidizing atms. in the zones of the furnace, and the heating is regulated in such a manner that the melting of enamels or the closing of pores should take place during a reducing period. The glazing of wares is made in an oxidizing atm. during a nonreducing period. Structural details of the furnace are also given. I. P.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATTYASOVSZKY, L.

86. The production of soft porcelain, by L. Mattyasovszky-Zsolnay. (Építőanyag — Building Materials, Vol. 1, No. 5–6, pp. 23–25, May–June, 1949)

By way of introduction the author [illegible] the notion of soft porcelain and gives a survey of [illegible] production in various countries. In Hungary, the [illegible] hard porcelain factories is insufficient to meet the present demands for china ware, for this reason [illegible] recourse to the manufacture of soft porcelain. [illegible] taking is aided by the supplemental facilities [illegible] a series of idle furnaces ready for immediate [illegible] method has, moreover, many outstanding features [illegible] tion in the consumption of fuel, longer life [illegible] and it scores another great advantage, [illegible] all the raw materials required can be [illegible] locally.

A Hungarian china clay of [illegible] consisting of almost 100 per cent [illegible] satisfactorily to the production of [illegible] available in inexhaustible quantity. The [illegible] with the properties of white [illegible] [illegible] in the mixture [illegible] [illegible] production [illegible] practiced in other countries.

[illegible] 631.2.1 (A5.3: 101)

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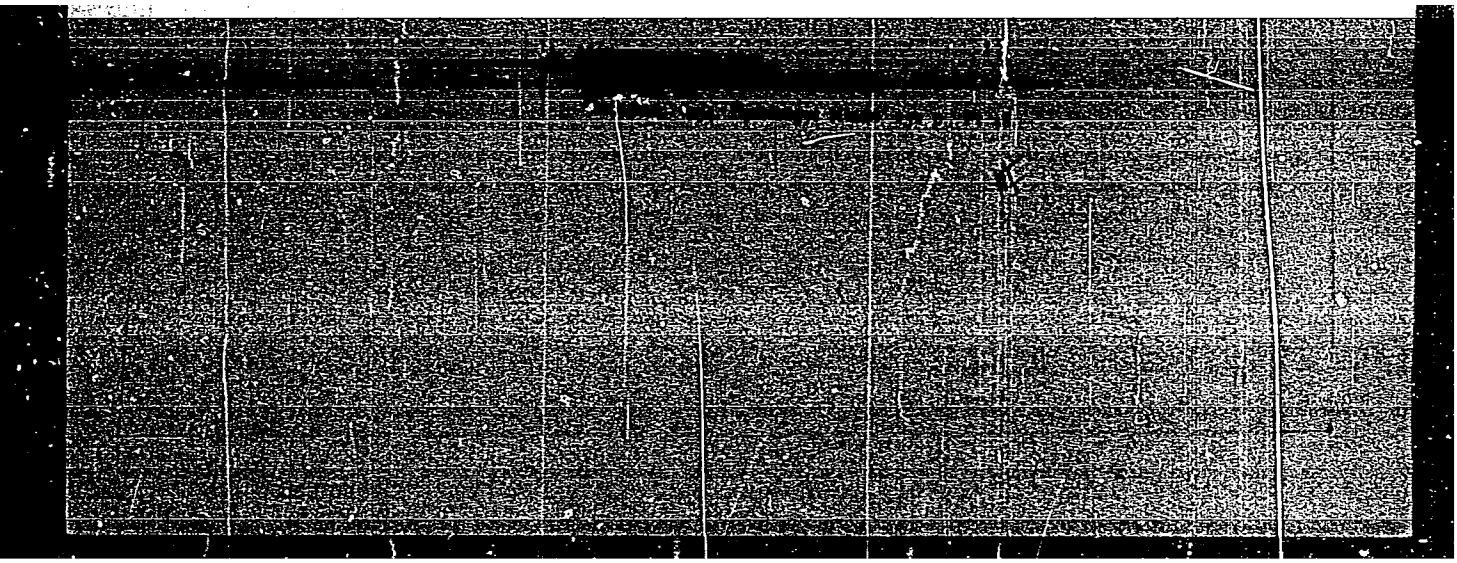

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATTYASOVSZKY, L.

Testing the quality of finished fine-ceramic products ; also, remarks by L. Mattyasovszky and others. p. 294.
Vol 7, no. 8, Aug. 1955. EPITOANYAG. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATTYASOVSZKY-ZSOLNAY, L.

Results of the manufacture of porcelain insulators in Hungary since 1948 and future aims.

p. 106

(Electrotechnika, Budapest, Vol. 48, no. 3, Mar. 1955)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, no. 6, June 1955 Uncl

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATTYASOVSZKY ZSOLNAY, L.

Infrared drying in the ceramic industry. p.223. EPITOANYAG. Budapest. Vol. 8, no. 6, June 1956.

SOURCE: East European Accessions List (EEAL), Library of Congress Vol. 5, No. 12, December 1956

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

Matiyus A.

Physiol. Inst. [illegible] - [illegible] Univ., [illegible], [illegible]. [illegible] of congenital and dystrophic [illegible] of their treatment [illegible] (Budapest) [illegible], 46/2-4 (443-44[illegible]) [illegible] 4 steroids with [illegible] rod or cortical activity [illegible] adrenaline tests gave almost normal results, [illegible] which the [illegible] adrenocortic [illegible] function of the [illegible] and [illegible].

(VIII, [illegible])

SO: Excerpta Medica [illegible] No. 6 [illegible] VIII, June 1954

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATTYUS, A.

Asymptomatic tumors of the conus medullaris and cauda equina. Orv. hetil. 94 no.40:1101-1106 4 Oct 1953. (CIML 25:5)

1. Doctor. 2. Neurological and Psychiatric Clinic of Pecs Medical University.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATTYUS, Adorjan, dr.

Hurler-Pfaundler disease. Orv. hetil. 96 no.7:190-194 13 Feb 55.

1. A Pecsi Orvostudomanyi Egyetem Ideg-es Elmeklinikajanak koslemenye.
(LIPOCHONDRODYSTROLHY, case reports,)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATTYUS, Adorjan, dr.

Subacute panencephalitis. Ideg. szemle 9 no.3:33-39 Apr 56

1. A Pecsi orvostudomanyi Egyetem Ideg- es Elmeklinikajanak koziemenye.
(ENCEPHALITIS
panencephalitis, subacute, pathogen. & neuropathol.
(Hun))

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATTYUS, Adorjan; JOBST, Kazmer

Histochemical data on Hurler-Pfaundler disease (gargoylism). Magy. Tudom. Akad. Biol. Orv. Oszt. Kozl. 8 no.1-2:69-72 1957.

1. A Pecsi Orvostudomanyi Egyetem Idegklinikaja es Korbonctani Intezete.
(LIPOCHONDRODYSTROPHY
histochem. (Hun))

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

6018. SUBACUTE PANENCEPHALITIS - Zur Kenntnis der subakuten Panencephalitiden - Mátyus A. Neurol.-Psychiat. Univ.-Klin., Pécs - DTSCH. Z. NERVENHEILK. 1957, 176/1 (1-16) illus. 7

Histological examination of the cerebrum of 2 patients aged 4 and 10 years who had died from subacute panencephalitis revealed characteristics of the Pette-Döhring disease. Van Bogaert's subacute leucencephalitis and Dawson's inclusion encephalitis (this latter disease only in the first case). A discussion on the aetiology of these forms of panencephalitis follows, in which special attention is paid to anoxaemia.

Fleury - Amsterdam

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATTYUS, Adorjan, dr.; NAGY, Tibor, dr.; SZEGEDI, Marton, dr.

The effect of ribonucleic acid on retarded children. Preliminary report. Orv. hetil. 103 no.39:1845-1846 30 S '62.

1. Heine-Medin Utokezelo Korhaz es Orszagos Ideg- es Elmegyogyintezet.
(RNA) (MENTAL DEFICIENCY)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUAS, Milos.

Growth of cuprous oxide on the surface of copper during oxidation. Chekh.fis.zhur. 3 no.3:260 S '53. (MLRA 7:6)

1. Institut tekhnicheskoy fiziki ChSAN, Praga.
(Cuprous oxide) (Crystallography)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

NEUMANN, L.; MATUCHA, M.; PODESVA, S.

Formation of some double fluorides in the reaction of uranium(IV)-oxides with ammoniumhydrogenfluoride. Coll Cz Chem 27 no.2:472-476 F '62.

1. Institut fur Kernbrennstoffe und Radiochemie, Prag und Militarakademie "A. Zapotocky", Brno.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUCHIN, V. M.

"The Equations and the Structural Scheme of a Synchronous Generator When the Excitation is Regulated Automatically"

Izvest AN SSSR, Otd Tech Nauk, 1952, 1322-1330

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUFCHIEV, TS.

Corrosion of underground metallic equipment and methods for its prevention. p. 10
Tekhnika Vol. 7, No. 5, 1958. Sofiia, Bulgaria.

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 10,
Oct. 58

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKA, S.

"Causal organism of Amer. fowlbrood" co-au. TOPOLNIK, E. Inst. for biological in patholical fish, RIBA:; bees, PCELA; i SVILACA, silk-worms; Vet. Fac. Univ. of Zagreb (PRED: I. TOMASCC)

Vet. Archiv. 22 : 375-377, 1952

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKA, S

SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: [not given]

Affiliation: Center for Infectious Diseases and Microbiology of the Faculty of Veterinary Medicine (Zavod za zaraze i mikrobiologiju Veterinarskog fakulteta) Sarajevo

~~Xxxxxxx~~

Source: Belgrade, Veterinarski glasnik, No 5, 1961, pp 365-367.

Data: "Epizootiology of Psittacosis."

Authors:

FORSEK, Z.
MATUKA, S.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

TERZIN, A.L.; MATUKA, S.; FORNAZARIC, M.R.; HLACA, D.M.

Preparation of group-specific Bedsonia antigens for use in complement-fixation reactions. Acta virol.Engl.Ed.Praha 5 no.2: 78-85 Mr '61.

1. Institute of Virology, Medical Faculty, Sarajevo, Yugoslavia.
(MIYAGAWANELLA immunol)
(COMPLEMENT)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

USSR / General Biology. Individual Development B

Abs Jour: Ref Zhur-Biol., No 23, 1958, 103274.

Author : Matukaite B., Pakenas P.
Inst : AS LitSSR.
Title : Phosphorus Metabolism in Spermatozoa and in the Secretion of the Accessory Sex Glands in Male Agricultural Animals.

Orig Pub: Tr. AN LitSSR, 1956, B 3(6), 119-121.

Abstract: P^{32} metabolism was studied in spermatozoa and the accessory sex gland secretion of rabbits and sheep, which were given the isotope in the food in the form of an Na_2HPO_4 solution (sheep--6 microcuries per kilogram of weight; rabbits, 10 microcuries per kilogram). It was found that traces of P^{32} are found in the rabbit spermatozoa after two hours, and in sheep spermatozoa 72 hours after the admin-

Card 1/2

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKAITE, B. A.; [illegible]

"Study of ram spermatogenesis by means of radioactive phosphorus with different feeding and frequency of use."

report submitted for 5th Intl Cong on Animal Reproduction & Artificial Insemination, Trent, Italy, 6-13 Sep 64.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKHIN, G. R.

24133 MATUKHIN, G. R. Vliyaniye bora na razvitiye i urozhay viki. Uchen. zapiski (Rost. N/D Gos. UN-T im. Molotova), T. XV, 1949, S. 83-86. Bibliogr: 6 nazv.

SO: Letopis, No. 32, 1949.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKHIN, G. R.

F.: 2/50T22

USSR/Biology - Plants Mar/Apr 49
Botany

"Conference of Scientific Workers of the Don and Northern Caucasus," G. R. Matukhin, Rostov/Don State U imeni V. M. Molotov, 2 pp

"Botan Zhur" Vol XXXIV, No 2

Conference, 24-28 Dec 47, was attended by 800 scientific workers from schools and scientific research institutes of the Don and Northern Caucasus. Its purpose was general discussion of scientific work and its development under Fourth Five-Year Plan. Reports were made by S. Ye. Belozerov, rector of the University, on

2/50T22

USSR/Biology - Plants Mar/Apr 49
Botany (Contd)

scientific developments in Rostov OBlast, and by Docent G. R. Matukhin, Prof A. F. Fleroy, Prof N. A. Troitskiy, Docent V. V. Skripchinskiy and others on plant morphology, etc; 22 reports were read in the Sec of Anat and Physiol of Plants - 290 reports in all.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKHIN, G. R.

Mbr., Rostov. on Don State Univ. im. V. M. Molotov, -c1949-.
"Conference of Scientific Workers of the Don and Nothern Caucasus,"
Botan. Zhur., 34, No. 2, 1949;
"In Memory of N. I. Khodakovskiy 1898-1942," Botan. Zhur., 34, No. 2, 1949;

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

1. MATUKHIN, G. R.

2. SSSR (600)

4. Oak

7. Effect of alkalininity in soil on the growth of oak seedlings.
Biul. Glav. bot. sada No. 13, 1952

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKHIN, G. R. 600

USSR (600)

Botanists, Ivanovskiy, Dmitriy Iosifovich, 1864-1920

"D. I. Ivanovskiy, Outstanding Russian Scientist" G. R. Matukhin. Bot. Zhur. 37, no 3, 1952

Kafedra Fiziologii Rasteniy s Mikrobiologiyey, Rostovskogo Gosudarstvennogo Universiteta im. V. M. Molotova. recd. Aug 9, 1951.

SO: Monthly List of Russian Accessions, Library of Congress, September 1952, UNCL

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MITUKIN, G.R.

[redacted]

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKHIN, G.R.; LYASHCHENKO, I.F.

Professor Aleksandr Fedorovich Flerov. Bot.zhur. 38 no.4:624-626 Jl-Ag '53. (MLRA 6:9)

1. Nauchno-issledovatel'skiy biologicheskiy institut pri Rostovskom Gosudarstvennom universitete im. V.M.Molotova.
(Flerov, Aleksandr Fedorovich, 1872-)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKHIN, G.R.; BOYKO, L.A.

Adaptation of tomatoes to soil salinity. Dokl.AN SSSR 96 no.2:391-394 My '54. (MLRA 7:5)

1. Nauchno-issledovatel'skiy biologicheskiy institut pri Rostovskom gosudarstvennom universitete im. V.M.Molotova. Predstavleno akademikom A.L.Kursanovym. (Tomatoes) (Plants, Effect of salts on)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

NAUMOVA, G. N.

USSR/Physiology of Plants

Card 1/1

Author : Naumova, G. N., and Moyka, L. A.

Title : Adaptation of tomatoes to saline soil

Periodical : Dokl. AN SSSR, 96, No. 2, 391 - 394, May 1954

Abstract : One of the causes for the destruction of vegetation plants in saline soil is the discontinuity in impermeability and the accumulation of a greater amount of salt in the cells which, of course, has a negative effect on the physico-chemical properties of the protoplasm colloids of the plant cells. Potato plants vegetating for several years in saline soil accumulate in their leaves much less chlorine than the plants of the first year of vegetation. This indicates a change in the physiological characteristics of the protoplasm resulting in reduction of permeability for salts of soil solution. Fifteen USSR references. Tables.

Institution : Scientific Research Biological Institute at the V. M. Molotov State University of Rostov, USSR

Presented by : Academician A. L. Kursanov, March 16, 1954

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

BOYKO, L.A.; MATUKHIN, G.R.

Photosynthesis and respiration of lemon trees under trench cultivation. Fiziol. rast. 2 no.5:483-488 S-O '55. (MLRA 9:2)

1.Botanicheskiy sad Rostovskogo-na-Donu universiteta imeni V.M.Molotova.

(Lemon)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKHIN, G. P.

USSR/Physiology of Plants. Respiration and Metabolism. I-3

Abs Jour: Ref. Zhur-Biologiya, No 1, 1958, 1145.

Author : Matukhin, G.P., Boyko, L.A., Boyko, L.A.
Inst : Rostov-on-Don University.
Title : Carbohydrate Metabolism in Cultured Grains in Connection with their Cultivation on Salty Soil.

Orig Pub: Uch. zap. Rostovsk.-n.-D. un-t, 1956, 26, 69-76.

Abstract: In 1948 seeds of the annual form of the wheat-couch grass (Agropyrum repens) hybrid E-3105, of Saratov millet 853, and Palliduum barley 43 were germinated for eleven days on glass rods in cuvettes at a temperature of 18-22°, with application of 0.1 N and 0.2 N Rikhter solution. In the vegetation experiments the salting of the earth was effected before sowing and up until the onset of full "Kusheheniye" [?] with the 0.2 N Rikhter solution (with the wheat-couch grass hybrid and barley), or with the NaCl (with the millet). The monodisaccarides (Hage-

Card : 1/2 -7-

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKHIN, G.P.

USSR/Cultivated Plants - Subtropical and Tropical. M-6

Author : Ref Zhur - Biol., No 3, 1958, 11047

Author : Boyko, L.A., Matukhin, G.P.

Inst : Botanical Garden of Rostov-na-Donu University.

Title : Several Methods of Regulating the Water and Heat Regime of Trenches in the Summer Period.

Orig Pub : Sb. tr. Botan. sada. Rostovsk. n/D un-t, 1956, 35, No 2 97-102

Abstract : No abstract.

Card 1/1

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKHIN, G.R.

"The salt resistance of plants" by A.A. Shakhov. Reviewed by G.R. Matukhin. Vest. AN SSSR 27 no.5:128-131 My '57. (MLRA 10:6)

1. Rostovskiy universitet.
(Plants, Effect of salts on)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKHIN, G. P.

USSR/Cultivated Plants. Grains. H

Abs Jour : Ref Zhur-Biol., No 15, 1958, 68099

Author : Bagdykov, N. I., ~~Matukhin, G. P.~~
Inst : Rostov University.
Title : Anatomical Changes of Barley in Connection with Adaptation to Soil Salination.

Orig Pub : Uch. zap. Rostovsk.-n/D un-ta, 1957, 28, 85-96

Abstract : The soil was made saline (pot experiments) by adding a Vant Goff-Richter salt solution (0.25 n, based on soil moisture). The soil moisture was held at a level of 60 percent of full moisture capacity. The plants cultivated on the saline soil were analysed on the first, second, third, and fifth years. Salination significantly redu-

Card : 1/2

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKHIN, G.R., Doc Bio Sci —(diss) " Physiology of the adaptation of cultured plants to soil salination." Mos / Publishing House Acad Sci USSR/, 1958. 34 pp (Acad Sci USSR. Inst of Physiology of Plants im K.A.Timiryazev). 130 copies (KL, 20-58, 95)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKHIN, G.R.; MAKSIMOVA, Ye.V.

Effect of gibberellin on the growth and development of chrysanthemums. Bot. zhur. 45 no.12:1792-1793 D '60. (MIRA 13:12)

1. Rostovskiy gosudarstvennyy universitet.
(Gibberellins) (Chrysanthemums)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKHIN, G.R.; LYASHCHENKO, I.F.; ARKHANGEL'SKIY, N.N.

In memory of Aleksandr Feodorovich Flerov. Bot.zhur. 46 no.6: 912-914 Je '61. (MIRA 14:6)

1. Rostovskiy gosudarstvennyy universitet.
(Flerov, Aleksandr Fedorovich, 1872-1960)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

BOYKO, L.A.; MATUKHIN, G.R.

Enzymatic transformations of some carbohydrates in the leaves of field crops in relation to their adaptation to soil salinity. Nauch. dokl. vys. shkoly; biol. nauki no. 2:154-157 '64. (MIRA 17:5)

1. Rekomendovana kafedroy fiziologii rasteniy i genetiki Rostovskogo-na-Donu gosudarstvennogo universiteta.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

AVILOVA, L.D.; MATUKHIN, G.R.

Effect of Cl^- and SO_4^{--} on the accumulation and distribution of nucleic acids in the root cells of the sunflower. Bot. zhur. 49 no.9:1335-1338 S '64. (MIRA 17:12)

1. Rostovskiy gosudarstvennyy universitet.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

BGATOV, V.I.; AKUL'SHINA, Ye.P.; BUDNIKOV, V.I.; GERASIMOV, Ye.K.; GUROVA, T.I.; KAZANSKIY, Yu.P.; KAZARINOV, V.P.; KONTOROVICH, A.E.; KOSOLOBOV, N.I.; LYZALEK, N.A.; MATUKHIN, R.G.; MATUKHINA, V.G.; PETRAKOV, V.U.; RODIN, R.S.; SAVITSKIY, V.Ye.; SHISHKIN, B.B.; GRIN, Ye.P., tekhn. red.

[Lithoformational analysis of sedimentary rocks] Litologo-formatsionnyi analiz osadochnykh tolshch. Pod red. V.I. Bgatova i V.P.Kazarinova). (MIRA 16:7)

1. Sibirskiy nauchno-issledovatel'skiy institutu geologii, geofiziki i mineral'nogo syr'ya.
(Rocks, Sedimentary--Analysis)

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BGATOV, V.I.; AKUL'SHINA, Ye.P.; BUDNIKOV, V.I.; GERASIMOV, Ye.K.; GUROVA, T.I.; KAZANSKIY, Yu.P.; KAZARINOV, V.P.; KONTOROVICH, A.E.; KOSOLOBOV, N.I.; LIZALEK, N.A.; MATUKHIN, R.G.; MATUKHINA, V.G.; PETRAKOV, V.U.; RODIN, R.S.; SAVITSKIY, V.Ye.; SHISHKIN, B.B.; GRIN, Ye.P., tekhn. red.

[Lithoformational analysis of sedimentary rocks] Litologo-formatsionnyi analiz osadochnykh tolshch. Pod red. V.I. Bgatova i V.P.Kazarinova). (MIRA 16:7)

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MATUKHINA, V.C.; VAN, A.V.

Permian fused rocks in the Noril'sk region. Geol.i geofiz. no.6:119-122 '65. (MIRA 18:8)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya, Novosibirsk.

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MATUKHNENKO, Ye.A., elektromekhanik; MOLOZHENKOV, B.M., elektromekhanik (Sofrino Moskovskoy dorogi); KHARLAMOV, G.F., elektromekhanik; LAYKOV, M.P., elektromekhanik (Verkhniy Baskunchak Privolzhskoy dorogi); DEGLIN, Ye.I., elektromekhanik; SUSHKO, F.K., elektromekhanik (Znamenka Odessko-Kishinevskoy dorogi)

Brief news. Avtom., telem. i sviaz' 9 no.11-40-41 N '65. (MIRA 18:12)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MAMON, L.I., kand.tekhn.nauk; MATUKHNO, A.V.; GUBENKOV, M.G. [Hubenkov, M.I.]; GLOZMAN, L.P. [Glozman, L.P.]

Dynamics of the work of type ZG-83-10/32o high-pressure piston compressors. Khim.prom. [Ukr.] no.2:51 Ap-Je '65.

(MIRA 18:6)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MAMON, L.I.; KUZ'MIN, V.P.; MEDOBACHIY, G.G.; MATUKHNO, A.V.;

Contact stuffing boxes for rolling mills. Metallurg 10 no.1:29-30 Ja '65. (MIRA 18:4)

1. Dnepropetrovskiy khimiko-tekhnologicheskiy institut im. Dzerzhinskogo.

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ACCESSION NR: AR4015705 S/0081/63/000/023/0603/0603

SOURCE: RZh. Khimiya, Abs. 23T336

AUTHOR: Yelshin, I.M.; Matukhno, L.I.

TITLE: The problem of making monoliths from subassemblies made of plastic concrete

CITED SOURCE: Nauchno-tekhn. soobshch. Vses. n.-i. in-t nerudn. stroit. materialov i gidromekhaniz., no. 9, 1962, 71-76

TOPIC TAGS: concrete, plastic concrete, plastic concrete subassembly, prefabricated facing, FA resin, monolithization, cement

TRANSLATION: The authors present the results of investigations on plastic concrete and prefabricated facings made of plastic concrete. The possibility of joining freshly layered and hardened plastic concrete is demonstrated. Manufacture of monoliths from subassemblies made of plastic concrete requires the use of a cement based on FA resin. The formula for plastic concrete is presented. I. Uvarova.

DATE ACQ: 09Jan64 SUB CODE: MT ENCL: 00

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MATUKHNOV, A.M.

Safety guard for a circular sawing machine for cutting off glued veneer. Der.prom. 9 no.2:24 F '60. (MIRA 13:6)
(Circular saws)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKHOV, I.

On a wide front. Sov.profsoiuzy 7 no.9:24-25 My '59.
(MIRA 12:8)

1. Predsedatel' rabochkoma Segezhskogo lespromkhoza.
(Karelia--Forests and forestry)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

VITKAUSKAS, A.; MATUKONIS, A.

Relaxation stress changes in relieved threads of synthetic fibers. Khim. volok. no.6:56-59 '64. (MIRA 18:1)

1. Kaunasskiy politekhnicheskiy institut.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKONIS, A.V., kandidat tekhnicheskikh nauk

Elasticity and fatigue of caprone. Tekst.prom. 15 no.6:33-37 Je '55. (MIRA 8:7)

(Nylon)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKONIS, A.V.

Redistribution of load on the components of mixed yarns under stationary total load. Izv.vys.ucheb.zav.; tekh.tekst.prom. no.6:35-44 '60. (MIRA 14:1)

1. Kaunasskiy politekhnicheskiy institut.
(Textile fibers, Synthetic—Mechanical properties)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKONIS, Al'girdas; JUSKIENE, E., red.; CECYTE, V., tekhn. red.

[New developments in textile technology] Tekstiles naujoves. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 90 p. (MIRA 15:2)
(Lithuania--Textile machinery)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKONIS, A.V.

Mechanical characteristics of nonuniform yarns. Izv.vys.ucheb.-zav.; tekh.tekst.prom. no.4:18-25 '61. (MIRA 14:9)

1. Kaunasskiy politekhnicheskiy institut.
(Yarns--Testing)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKONIS, A.V.

Electric extensometer unit for testing the mechanical properties of yarn subjected to tension. Izv. vys.ucheb.zav.; tekh.tekst.prom. no.6:16-21 '61. (MIRA 15:1)

1. Kaunasskiy politekhnicheskiy institut.
(Yarn--Testing) (Extensometer)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKONIS, A.V.; TAPARAUSKAITE, Ya.I. [Taparauskaite, J.]

Mechanical characteristics of artificially twisted threads under slight stresses. Khim.volok. no.3:48-53 '62. (MIRA 16:2)

1. Kaunasskiy politekhnicheskiy institut.
(Textile fibers, Synthetic—Testing)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUKONIS, A.V.; Prinimali uchastiye: KARLAVICHUS, V. [Karlavicius, V.], inzh.; TAPARAUSKAITE, I. [Taparauskaite, I.], tekh.

Characteristics of the structure of two-component mixed yarn made of heterogeneous fibers. Izv.vys.ucheb.zav.; tekh.tekst.prom. no.1: 15-22 '63. (MIRA 16:4)

1. Kaunasskiy politekhnicheskiy institut.
(Yarn—Testing)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

PALAYMA, Yu. [Palaima, J.]; STUKENAS, A.

Use of electric modeling for the study of some mechanical properties of nonuniform yarn. Izv. vys. ucheb. zav.; tekh. teks. prom. no.3:19-25 '64. (MIRA 17:10)

1. Kaunasskiy politekhnicheskiy institut.

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L 15414-66 EWT(m)/EWP(j)/T RM

ACC NR: AP6000458 (A) SOURCE CODE: UR/0324/65/000/004/0017/0022

AUTHORS: Palayma, Yu.; Matukonis, A.

ORG: Kaunas Polytechnic Institute (Kaunasskiy politekhnicheskiy institut)

TITLE: Variation in the properties of nonuniform fibers with repeated stretching

SOURCE: IVUZ. Tekhnologiya tekstil'noy promyshlennosti, no. 4, 1965, 17-22

TOPIC TAGS: textile, textile industry, shear modulus, caprone, acetate, strain gage, synthetic fiber/ Schopper dynamometer

ABSTRACT: The behavior of nonuniform two-component fibers under repeated stretching is studied, and the laws of the variation in the basic properties of the system and its components are examined. The experiments were performed with viscose caprone and acetate caprone twisted fibers. Electrotensometric apparatus based on the Schopper dynamometer was used to test the fibers at high amplitudes and low frequencies. The amplitude was 2, 5, and 10% of the initial length of the specimen (500 mm). The rate of deformation was 8.33 mm/sec and the number of cycles was 50. A change in the angle of inclination of the components affects chiefly the initial modulus of rigidity of a nonuniform fiber. The strength and breaking elongation of a nonuniform

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L 15415-66

ACC NR: AP6000458

fiber and its components during cyclic stretching are almost unchanged. Orig. art. has: 8 graphs and 1 table.

SUB CODE: 11/ SUBM DATE: 24Feb65/ ORIG REF: 003/ OTH REF: 005

Card 2/2

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

ZARETSKAS, G.S. [Zareckas, G.]; MATUKONIS, A.V.

Effect of twisting, tension, and time of relaxation on the changes in the torque of rayon multifilament yarns. Izv. vys. ucheb. zav.; tekh. teks. prom. no.6:18-22 '65.

(MIRA 19:1)

1. Kaunasskiy nauchno-issledovatel'skiy institut tekstil'noy promyshlennosti i Kaunasskiy politekhnicheskiy institut. Submitted August 30, 1965.

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MATUKONIENE, L.

On the problem of the eradication of trachoma in the Lithuanian SSR. Sveik. apsaug. 8 no.2: 36-39 F'63.

1. Resp. trachomos dispanseris.

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MATUKOVSKIY, N. (Minsk)

President of the Academy. Nauka i zhizn' [24] no.11:43-44 [N] '57.
(MIRA 10:11)
(Kuprevich, Vasilii Feofilovich, 1897-)

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MATUL, K.

"Method of eleboration of directives for the water-supply economy program in agriculture," Gospodarka Wodna, Warszawa, Vol 14, No 1, January 1954, p. 2.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUL, F.

"Functions and tasks of science in the field of land drainage."
Gospodarka Wodna, Warsaw, Vol 14, No 6, June 1954, p. 228

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R032932920007-4

MATUL K

MATUL, K.

Working method of establishing scientific directives for a prospective plan of water management in agriculture and forestry.

p. 31 (Prace I Studia) No. 1, 1956, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI*) LC, VOL. 7, NO. 1, JAN. 1958

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