

BOGATYREV, A.V., inzh.; KORZH, V.D., inzh.

Ways to improve the repair of line machinery and equipment.
Stroi. truboprov. 6 no.5:26-27 My '61. (MIRA 14:7)

1. Trest Mosgasprovedstroy.
(Building machinery—Maintenance and repair)

BYCHKOVSKAYA, I.B.; BOGATYREV, A.V.

Evaluation of the radioprotective effectiveness of mexamine. Dokl.
AN SSSR 161 no.3:704-706 Mr '65. (MIRA 18:4)

1. Tsentral'nyy nauchno-issledovatel'skiy rentgeno-radiologicheskii
institut. Submitted June 13, 1964.

L 08166-67 EWT(m)

ACC NR: AP6028172

SOURCE CODE: UR/0205/66/006/003/0440/0445

AUTHOR: Bychkovskaya, I. B.; Bogatyrev, A. V.

33
B

ORG: Central Scientific Research Institute of Roentgen and Radiology, MZ SSSR, Leningrad (Tsentral'nyy nauchno-issledovatel'skiy rentgeno-radiologicheskiy institut, MZ SSSR)

TITLE: Analysis of the mexamine protective effect¹⁹ in irradiation of mice with 200 kv X-rays and on a linear accelerator at 4.3 Mev

SOURCE: Radiobiologiya, v. 6, no. 3, 1966, 440-445

TOPIC TAGS: rodent, x ray irradiation, linear accelerator, radiation protection, radiation drug, radiation tissue effect, radiation tolerance

ABSTRACT: The degree of radiation protection offered by mexamine (5-methoxytryptamine HCl) was studied in white mice in respect to survival and average life extension 30 days after irradiation with doses of 300-1600 r (scale of 100). Of the 40 mice in each group, 20 received a 75 mg/kg dose of mexamine intraperitoneally 15 minutes prior to irradiation. For X-rays the protective effect started at doses of about 800 r. It decreased deaths due to bone-brain injury by 1.4 - 1.3. The factor of decreased radiation dose (FDRD) was 1.12 at 800 r where 55% of the deaths were due to brain-bone and 45% to gastrointestinal injury. Upon irradiation by the linear accelerator at

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UDC: 628.58

L 08166-67

ACC NR: AP6028172

400-1400 r doses under the same conditions, death was due mainly to gastrointestinal injury and was less influenced by the protectant; almost all animals died after 4-6 days, and there were a number of early deaths not seen with X-ray. The FDRD limits for X-ray were 1.38 - 1.52, those for the accelerator 1.23 - 1.41. In studying protectants, their specific protective effect must be taken into consideration. Orig. art. has: 4 figures and 1 table.

SUB CODE: 06, 18/ SUBM DATE: 05Mar65/ ORIG REF: 006/ OTH REF: 001

Card 2/2 nst

"APPROVED FOR RELEASE: 06/09/2000

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APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000205810014-0"

BOGATYREV I.

BOGATYREV, I., kand. tekhn. nauk.

Drying plaster under winter conditions. Stroitel' no.12:9 D '57.
(Plastering--Cold weather conditions) (MIRA 11:2)

BOGATYREV, I.D., kandidat meditsinskikh nauk.

Out-of-town session of the Learned Council of the N.A.Semashko
Institute of Public Health Organization and the History of Medi-
cine of the Academy of Medical Sciences of the U.S.S.R., at the
"Krasnyi Proletarii" Plant. Sov.zdrav. 13 no.2:59-60 Mr-Apr '54.
(MLRA 7:4)
(Public health)

BOGATYREV, I.D., kandidat meditsinskikh nauk.

Norms for the urban population's medical requirements. Sov. zdrav.
15 no.1:28-38 Ja-F '56. (MIRA 9:6)

1. Iz Instituta organizatsii zdavookhraneniya i istorii meditsiny
imeni N.A. Semashko AMN SSSR (dir. E.D. Ashurkov)
(PUBLIC HEALTH
in Russia, norms of urban population need of med. care)

BOGATYRKV, I.D., kandidat meditsinskikh nauk.

Medical care requirements of rural population. Sov. zdrav. 16 no.2:23-30
F '57 (MLRA 10:4)

1. Iz Instituta organizatsii zdavookhraneniya i istorii meditsiny
imeni N.A. Semashko (dir. Ye.D. Ashurkov)
(RURAL CONDITIONS
med. requirements of rural population in Russia)

BOGATYREV, I.D.

All-Union Conference on Medical Services for Industrial Employees.
Sov.zdrav. 18 no.8:63-64 Ag '58 (MIRA 11:9)
(MEDICINE, INDUSTRIAL)

GAVRILOV, Nikolay Ivanovich, kand.med.nauk; BOGATYREV, I.D., red.:
BEL'CHIKOVA, Yu.S., tekhn.red.

[Problems in the organization of medical and hygienic care of
industrial workers] Voprosy organizatsii mediko-sanitarnogo
obsluzhivaniia promyshlennykh rabochikh. Moskva, Gos.izd-vo
med.lit-ry, 1959. 102 p. (MIRA 12:12)
(INDUSTRIAL HYGIENE) (INDUSTRIAL MEDICINE)

BOGATYREV, I.D., kand. med. nauk.

Correlation of general morbidity and morbidity with temporary loss
of work among workers and employees of metallurgical enterprises.
Zdrav. Ros. Feder. 3 no.3:11-19 Mr. '59. (MIRA 12:4)

1. Iz Instituta organizatsii zdorookhraneniya i istorii meditsiny
imeni N.A. Semashko (Dir. - Ye. D. Ashurkov).
(IRON AND STEEL WORKERS--DISEASES AND HYGIENE)

BOGATYREV, I.D., kand.med.nauk

Materials relative to standard requirements of an urban population
for medical and prophylactic service. Zdrav. Ros. Feder. 3 no.11:
32-40 N '59. (MIRA 13:3)

1. Iz Instituta organizatsii zdavookhraneniya i istorii meditsiny
imeni N.A. Semashko (dir. Ye.D. Ashurkov).
(MEDICAL CARE)

BOGATYREV, I.D., kand, med, nauk

Incidence of angina and rheumatic fever in the urban population.
Vest. otorin. 22 no.2:22-27 Mr-Apr '60. (MIRA 13:12)

1. Iz Instituta organizatsii zdavookhraneniya i istorii meditsiny imeni N.A.Semashko Ministerstva zdavookhraneniya SSSR.
(TONSILLITIS statist.)
(RHEUMATISM statist.)

BOGATYREV, I.D., kand.med.nauk

Method for determining the dimensions of shop units in industrial enterprises. Zdrav. Ros. Feder. 4 no.12:3-7 D '60. (MIRA 13:12)

1. Iz otdela organizatsii zdravookhraneniya Moskovskogo nauchno-issledovatel'skogo instituta sanitarii i gigiyeny imeni F.F.Erismana (dir. A.P.Shitskova).

(INDUSTRIAL HYGIENE)

BOGATYREV, I.D., kand.med.nauk

Reactionary role of the leaders of the American Medical Association.
Zdrav. Ros. Feder. 5 no.7:35-39 JI '61. (MIRA 14:7)
(AMERICAN MEDICAL ASSOCIATION)

BOGATYREV, I. D., kand.med.nauk (Moskva)

Work untiringly to improve medical attendance of industrial workers.
Zdrav. Ros. Feder. 5 no.8:3-7 Ag '61. (MIRA 14:10)
(INDUSTRIAL HYGIENE)

GAVRILOV, N.I.; GRIGOR'YEVA, E.N.; KONDYURIN, L.I.; AKHABADZE, A.F.;
YELISEYEVA, T.N.; BOGATYREV, I.D., red.; PETROVA, N.K.,
tekhn. red.

[Work experience of medical and sanitary units] Opyt raboty
mediko-sanitarnykh chastei. Moskva, Medgiz, 1962. 121 p.
(MIRA 15:11)

(MEDICINE, INDUSTRIAL)

BOGATYREV, Ivan Demidovich; GAVRILOV, N.I., red.; PARAKHINA, N.A.,
tekh. red.

[Disease incidence among, and the preventive medical examination, of industrial workers] Zaboлеваemost' i lochebno-profilakticheskoe obsluzhivanie promyshelnykh rabochikh. Moskva, Medgiz, 1962. 270 p. (MIRA 15:11)
(MEDICINE, INDUSTRIAL)

BOGATYREV, I.D., kand.med.nauk

Method for determining the correct proportions between the number of medical posts of various specialties in urban dispensary and polyclinical institutions. Zdrav.Ros.Feder. 6 no.7:41-47 J1 '62.

(MIRA 15:9)

1. Iz otdela organizatsii zdravookhraneniya Moskovskogo nauchno-issledovatel'skogo instituta gigiyeny imeni F.F.Erisman (dir. A.P.Shishkova).

(PUBLIC HEALTH ADMINISTRATION)

BOGATYNEV, I.D., kand.med.nauk (Moskva)

Method of scientific research work for determining standards
in the population ~~and requirements for medical~~ prophylactic
service. Sov. zdrav. 21 no.2:24-27 '62. (MIRA 15:3)
(PUBLIC HEALTH)

BOGATYREV, I.D., kand.med.nauk

"Medical aid for the population of the R.S.F.S.R." by A.G.Safonov.
Reviewed by I.E. Bogatyrev. Sov. zdrav. 21 no.5:85-86 '62.

(MIRA 15:5)

(MEDICAL CARE) (SAFONOV, A.G.)

BOGATYREV, I.D., kand.med.nauk (Moskva)

Comparison of the general morbidity incidence among the city population and among workers in industrial enterprises. Sov. zdrav. 21 no.10:38-43 '62. (MIRA 15:10)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta gigiyeny imeni F.F.Erismana (dir. A.P.Shitskova).
(PUBLIC HEALTH) (MEDICINE, INDUSTRIAL)

BOGATYREV, I.D., doktor med. nauk (Moskva)

Method of determining the volume of work of medical institutions rendering dispensary service to the population (in accordance with the regulations of the new program of the CPSU).
Zdrav. Ros. Feder. 7 no. 11:10-16 N'63. (MIRA 16:12)

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BOGATYREV, I. I.

PA 26/49T36

USSR/Engineering
Pipe Lines
Soils, Frozen

Sep 48

"Thawing Out of Soil With Electro Heaters," I. I. Bogatyrev, Cand Tech Sci, All-Union Sci Res Inst of Constr Orgn and Mechanization, 1 p

"Stroitel' Prom" No 9

Method used successfully during building of Saratov-Moscow gas pipe lines. Method, developed by the Lab for Winter Bldg Operations, permitted work to continue on gas pipe project on a year-round basis.

26/49T36

BOGATYREV, I.I.

TOKMAKOVA, I.A., kandidat tekhnicheskikh nauk; SHISHKIN, A.A., kandidat tekhnicheskikh nauk; BOGATYREV, I.I., kandidat tekhnicheskikh nauk.

Wintertime laying of cement mortars with added potash. Stroil.prom.
32 no.10:17-21 0 '54. (MIRA 7:11)
(Mortar) (Potash)

UTENKOV, V.F., kand.tekhn.nauk [deceased]; BOGATYREV, I.I., kand.tekhn. nauk; DODIN, V.Z., inzh.; GORDIYENKO, N.A., inzh.; MUKHA, V.M., inzh.; BEREZOVSKIY, B.I., inzh.; KOVALEVSKIY, P.I., inzh.; ROGOVSKIY, L.V., inzh.; SHABALINA, V.I.; PETROVA, V.V., red.izd-va; ABRAMOVA, V.M., tekhn.red.

[Temporary instructions for carrying out building and assembly operations in the Far North and in permafrost regions] Vremennye ukazaniya po proizvodstvu stroitel'no-montazhnykh rabot v usloviakh Krainego Severa i raionov rasprostraneniya mnogoletnei mersloty. VU 2-60. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit. materialam, 1960. 59 p. (MIRA 14:6)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshehi stroitel'stvu. (Russia, Northern—Building—Cold weather conditions)

UTENKOV, V.F., kand.tekhn.nauk; BOGATYREV, I.I.; GORDIYENKO, N.A.,
nauchnyy sotr., inzh.; VLASOVA, M.A., nachnyy sotr., inzh.;
KOVALEVSKIY, P.I., nachnyy sotr., inzh.; MUKHA, V.I.,
nauchnyy sotr., inzh.; BEREZOVSKIY, B.I., nachnyy sotr.,
inzh.; Primal uchastiye POLOZOVAYA, N.K., tekhnik; UDOD,
V.Ya., red. izd-va; SHERSTNEVA, N.V., tekhn. red.

[Handbook on winter construction work] Spravochnoe posobie
po stroitel'nym rabotam v zimnee vremia. Moskva, Gosstroi-
izdat, 1961. 213 p. (MIRA 15:7)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut or-
ganizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'-
stvu.

(Building--Cold weather conditions)

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S/078/62/007/002/018/019
B127/B110

AUTHORS: Grigor'yev, A. T., Sokolovskaya, Ye. M., Bogatyrev, I. L.
TITLE: Physicochemical study of phase transformations in Co-Mn alloys
PERIODICAL: Zhurnal neorganicheskoy khimii, v. 7, no. 2, 1962, 441-444

TEXT: Transformations of Co - Mn alloys in solid state were studied by the thermal differential analysis of hardness (ПК-52 (PK-52) pyrometer), measurement of the electrical resistance and its temperature coefficient, tests of microstructure and microhardness. At 30 atom% Mn, a transformation in the melt caused by a ϵ - α -transition of Co, was observed, with Mn lowering the temperature of transformation. A two-phase region, $\alpha+\beta$, $\beta+\gamma$ due to Mn polymorphy, was found in the part rich in Mn. Another transformation was found in the center part of the diagram caused by formation of CoMn occurring in two polymorphous modifications: γ_1 at low temperatures up to 515°C and γ_2 at high temperatures up to 805°C. Hardness tests showed a minimum at 50 atom% which corresponds to CoMn. Minima occurring at 25 and 75 atom% Mn indicate the possibility of Co_3Mn and Card 1/2 Z

X

Physicochemical study of phase...

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$CoMn_3$ formations. This, however, requires further studies. F. Gal'perin is mentioned. There are 4 figures, 1 table, and 4 references: 3 Soviet and 1 non-Soviet. The reference to the English-language publication reads as follows: M. Hansen, K. Anderko, Constitution of binary alloys, 1958.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova, Kafedra obshchey khimii (Moscow State University imeni M. V. Lomonosov, Department of General Chemistry) X

SUBMITTED: July 11, 1961

Fig. 2. Phase diagram Mn - Co (A. T. Grigor'ev et al.) (1) Thermal analysis; (2) electrical resistance; (3) one phase; (4) two phases.

Fig. 4. Hardness of tempered Co - Mn alloys. Abscissa: atom% Mn.

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BOGATYREV, I.O.

Distribution of some radioisotopes in the water, silt and plants
of a polluted body of water. Biul. MOIP. Otd. biol. 64 no.2:150
Mr-Ap '59. (MIRA 12:10)

(Radioactive waste disposal)

PEREDEL'SKIY, A.A.; BOGATYREV, I.O.

Radioisotope dispersal by aquatic insects. Biul. MOIP. Otd. biol.
64 no.2:150 Mr-Apr '59. (MIRA 12:10)
(Radioactive waste disposal) (Insects, Aquatic)

PEREDEL'SKIY, A.A.; BOGATYREV, I.O.; KARAVYANSKIY, N.S.

Effect of rainworms and wireworms on the absorption of the radioisotopes Ca^{45} and Sr^{90} by plants from soil. Dokl. AN SSSR 134 no.6; 1450-1452 O '60. (MIRA 13:10)

1. Institut biologicheskoy fiziki Akademii nauk SSSR i Vsesoyuznyy nauchno-issledovatel'skiy institut kormov im. V.R.Vil'yamsa. Predstavleno akademikom K.I.Skryabinym.

(SOIL FAUNA)

(PLANTS--ASSIMILATION)

(RADIOACTIVE SUBSTANCES)

PEREDEL'SKIY, A.A.; BOGATYREV, I.O.

Differences in the nature of Ca^{45} and Sr^{90} accumulation in plant leaves and roots. Zhur. ob. biol. 22 no.1:74-75 Ja-F '61.
(MIRA 14:1)

1. Institute of Biophysics, U.S.S.R. Academy of Sciences.
(RADIOACTIVE SUBSTANCES) (PLANTS—ASSIMILATION)

BOGATYREV, I.O.

Distribution of Co⁶⁰ and some radioisotope fission products
among the components of experimental reservoirs. Izv. AN SSSR.
Ser. biol. 27 no.1:122-126 Ja-F '62. (MIRA 15:3)

1. Institute of Biophysics, Academy of Sciences of the U.S.S.R.,
Moscow.

(RADIOBIOLOGICAL RESEARCH)

ZABORENKO, K.B.; BOGATYREV, I.O.; NITTSOL'D, D.

Periodic production of thorium X from preparations of radiothorium
by the method of ion exchange chromatography. Radiokhimiia 5 no.5:
638-639 '63. (MIRA 17:3)

ZABORENKO, Kaleriya Borisovna; IOFA, Boris Zinov'yevich; LUK'YANOV,
Valeriy Borisovich; BOGATYREV, Igor' Olegovich;
KONDRASHKOVA, S.F., red.

[Radioactive-tracer technique in chemistry] Metod radio-
aktivnykh indikatorov v khimii. Moskva, Vysshaya shkola,
1964. 370 p. (MIRA 17:12)

BOGATYREV, I. S., Engineer

Cand. Tech Sci

"Application of the Measuring Systems in Stands for Testing an Automobile and Its Joints." Sub 19 Jun 47, Moscow Automotive-Mechanics Inst

Dissertations presented for degrees in science and engineering in Moscow in 1947

SO: Sum No. 457, 18 Apr 55

BOGATYREV, I. S.: PRONIN, B. A.

Belts and Belting - Testing

Machine for testing belt drives for traction capacity and efficiency. I. S. Bogatyrev.
B. A. Pronin. Vest. mash. 31 No. 10, 1951.

9. Monthly List of Russian Accessions, Library of Congress, September, 1952
1953. Unclassified.

LUR'YE, G. B., BOGATYREV, I. S.

Machine Tools

Device for measuring sturdiness, Stan. i instr., 23, No. 5, 1952.

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

BOGATYREV, I.S.

Methods for elimination of friction in measuring units of testing
machines and instruments. Tren.i izn.mash. no.7:195-204 '53.
(Testing machines) (Friction) (MLRA 9:9)

BOGATYREV I.S.

MATVEYEVSKIY, R.M.; BOGATYREV, I.S.; KHRUSHCHOV, M.M.

A "four-ball" lubricating oil testing apparatus. Tren. 1 izn.
mash. no.9:72-83 '54. (MLRA 7:9)
(Lubrication and lubricants--Testing)

Bogatyrev, I. S.

AUTHORS: Khrushchov, M.M., Matveyevskiy, R.M., Bogatyrev, I.S. 32-11-42/60

TITLE: A Machine for Examining the Wear (of Samples) in Forward- and Backward Revolution (Mashina dlya ispytaniya na iznashivaniye pri vosvratno-vrashchatel'nom dvizhenii)

PERIODICAL: Zavodskaya Laboratoriya, 1957, Vol. 23, Nr 11, pp. 1377-1379 (USSR)

ABSTRACT: The present paper describes a method of examining the wear of a hinge-like construction, for which purpose a special machine is used the constructional scheme of which is described in the paper. The machine was originally constructed by M.M.Khrushchov and later completed by I.S. Bogatyrev; in production it was known as "X6-6". The main principle of the machine consists in the fact that 2 pairs of the parts of a tractor as, e.g. 1 bolt and 1 sleeve are subjected to a hinge-like frictional movement, while carefully strained sand with a quartz content of 98% is conveyed on to the friction surface. The machine consists of 2 systems which are connected with each other; one of them is in a fixed position, the other is pivotable on a one-arm axis and can be weighted by means of exchangeable weights and pressed against the other system by means of a lever. The first pair of samples is telescoped so that the bolt is able to move freely in the sleeve with a sufficient amount of play; it is fastened into the first system of the machine in

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32-11-42/60

A Machine for Examining the Wear (of Samples) in Forward-and Backward Revolution

such a manner that the sleeve is clamped fast in the machine and the bolt from the outside. The second part of the samples is clamped fast in the same manner in the second system, with the only difference that the bolt is not in direct connection with the base plate but by means of a transmission, so that it is subjected to the pressure of the lever together with the (movable) system. In this way the samples were moved backwards and forwards 12.000 times, while, as already mentioned, sand was fed into the space between the bolt and the interior of the sleeve. After having been moved forwards and backwards 40.000 times the samples were taken out and weighed. By means of the diagrams it was found that if the metal hardness of the pairs (sleeve, bolt) remained the same, wear was proportional to the number of motions and to the hardness of the material of the samples. If degrees of hardness were different, both components of wear had to be taken into account. The experiment may also be carried out without sand with oil lubrication, but in that case it takes longer. There are 4 figures and 4 Slavic references.

ASSOCIATION: Engineering Institute AN USSR (Institut mashinovedeniya Akademii nauk SSSR)

AVAILABLE: Library of Congress

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BOGATYREV, I.S. (Moskva); IL'YUSHIN, A.A. (Moskva); LENSKIY, V.S. (Moskva);
~~PANFEROV, V.M. (Moskva)~~

The SN testing machine for investigating plastic deformations of
metals under composite loading. Inzh.zhur. 1 no.2:182-193 '61.
(MIRA 14:12)

(Testing machines) (Metals--Testing)

BELYAYEV, V.N., dots., kand. tekhn. nauk; ~~BOGATYREV, I.S., dots.,~~
kand. tekhn. nauk; BULANZHE, A.V., dots.; VYBORNOV, P.V.,
st. prepod.; GADOLIN, V.L., dots., kand. tekhn. nauk;
GOFMAN, E.I., st. prepod.; DROZDOV, N.A., dots., kand.
tekhn. nauk; ZAYTSEVA, L.I., inzh.; IVANOV, V.N., dots.,
kand. tekhn. nauk; KOROVIN, B.I., dots., kand. tekhn. nauk;
LUKIN, V.I., dots., kand. tekhn. nauk; MORIN, I.S., dots.,
kand. tekhn. nauk; OGRINCHUK, I.A., inzh.; PALOCHKINA, N.V.,
inzh.; POLYAKOV, D.G., dots.; PARGIN, D.P., kand. tekhn. nauk;
RASPOPOV, A.G., st. prepod.; RESHETOV, D.N., prof., doktor
tekhn. nauk; STOLBIN, G.B., dots., kand. tekhn. nauk, retsenzent;
KASPEROVICH, N.S., inzh., red.; SMIRNOVA, G.V., tekhn. red.;
UVAROVA, A.F., tekhn. red.

[Machine parts; atlas of designs] Detali mashin; atlas kon-
struksii. Moskva, Mashgiz, 1962. 346 p. (MIRA 15:3)

1. Kafedra "Detali mashin" Moskovskogo vysshego tekhnicheskogo
uchilishcha im. Baumana (for all except Stolbin, Kasperovich,
Smirnova, Uvarova).

(Machinery---Design)

BELYAYEV, V.N., dots., kand. tekhn.nauk; BOGATYREV, I.S., kand. tekhn. nauk; BULANZHE, A.V., dots.; VYBORNOV, P.V., st. prepod.; GADOLIN, V.L., dots., kand. tekhn. nauk; GOPMAN, E.I., dots.; DROZDOV, N.A., dots., kand. tekhn.nauk; ZAYTSEVA, L.I., inzh.; IVANOV, V.N., dots., kand. tekhn. nauk; KOROVIN, B.I., dots., kand. tekhn. nauk; LUKIN, V.I., dots., kand. tekhn.nauk; MORIN, I.S., dots., kand. tekhn. nauk; OGRINCHUK, I.A., inzh.; PALOCHKINA, N.V., inzh.; POLYAKOV, D.G., dots.; PARGIN, D.P., kand. tekhn.nauk[deceased]; RASPOPOV, A.G., st. prepod.; RESHETOV, D.N., prof., doktor tekhn. nauk; KASPEROVICH, N.S., inzh., red.; TIKHANOV, A.Ya., tekhn. red.

[Machine parts; atlas of designs] Detali mashin; atlas konstruksii. Izd.2., perer. i dop. Moskva, Mashgiz, 1963.363 p.
(MIRA 16:12)

1. Kollektiv kafedry "Detali mashin" Moskovskogo vysshego tekhnicheskogo uchilishcha im. Baumana (for all except Kasperovich, Tikhonov).

(Machinery--Design and construction)

CA

PROCESSES AND PROPERTIES INDEX

Several peculiarities of the development of mountain soils. K. P. Bogatyrev. *Podzoly* (U.S.S.R.) 1940, 492-500.—B. cites data of mountain forest soils that are not podzolized because of the Ca and Mg in the seepage waters carried from the top of the slope. The exchange complex carries very little H and is primarily said, with Ca and Mg.

J. S. Ioffe

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COMMON ELEMENTS

MATERIALS INDEX

COMMON VARIABLES INDEX

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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Sod mountain-forest soils as a separate geographic form of high mountain type of soil formation. K. P. Bogatyrev. *Pedology* (U.S.S.R.) 1947, 704-13. Chem. data on humus content, pH, C:N ratio, hygroscopic water, and adsorbed cations are presented on a no. of high mountain forest soils of central Asia and the Urals. For comparison data on other mountain soils, such as mountain meadow, are given. It is concluded that a sod mountain-forest soil is sepd. as an independent genetic type. I. S. Joffe

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

SEARCHED	INDEXED	SERIALIZED	FILED
NO	NO	NO	NO

BOGATYREV, K.P.

Fragmentary coarse-grained soils and the subsoil stage of
weathering. Vop.geog. vol.33:152-169 '53. (MLRA 7:3)
(Soil physics) (Weathering)

USSR.

Mountain-steppe and mountain-forest soils of the Kazak
Mountain massif, southern Ural. K. P. Rogatovskiy, *Trudy*
Pochvennogo Inst. im. V. V. Dokuchaevskogo, Akad. Nauk
S.S.S.R. 43, 296-9(1954).—The chem. and agricultural
characteristics of these soils are described. M. Hosh.

BOGATYREV, K.P.; VADKOVSKAYA, O.A.; GERASIMOV, I.P.; GERASIMOV, Iv.P.;
YEROKHINA, A.A.; IVANOVA, Ye.N.; LETKOV, L.A.; LIVEROVSKIY, Yu.A.;
LOBOVA, Ye.V.; NOGINA, N.A.; ROZOV, N.N.; RUDNEVA, Ye.N.; TKACHENKO,
V.I.; UFIMTSEVA, K.A.; FRILAND, V.M.

Academician L.I.Prasolov; obituary. Izv.AN SSSR Ser.geog. no.2:
73-78 Mr-Ap '54. (MLRA 7:5)
(Prasolov, Leonid Ivanovich, 1875-1954)

BOGATYREV, K.P.; SMETANNIKOVA, A.I.

Characteristics of root systems of biennial tea plants in some
soils in Transcarpathian Province, Ukrainian S.S.R. Trudy Bot.inst.
Ser.4 no.10:74-100 '55. (MLRA 9:5)

(Transcarpathia--Tea)

BOGATYREV, K.P.

Soils and desiccation causes in spruce stands in the Maykhe-Daubikhe
(Shkotovo) Plateau. Trudy Dal'nevost.fil.AN SSSR.Ser.bot. vol.3:
105-117 '56. (MLRA 9:8)

(Shkotovo Plateau--Spruce)

~~BOGATYREV, K. B.~~

Characteristics of soil under wild ginseng (mountain forest Grey-Brown soils) [with summary in English]. Pochvovedenie no.1:69-75
Ja '57. (MLRA 10:5)

1. Pochvennyy institut im. V.V. Dokuchayeva Akademii nauk SSSR.
(Ginseng) (Forest soils)

BOGATYREV, K.P.

Smnitza soil of Albania (brown-meadow and meadow-brown dark
magnesian Solonetz soils [with summary in English]. Pochvovedenia
no.4:14-22 Ap '58. (MIRA 11:5)

1. Pochvennyy institut im. V.V. Dokuchayeva AN SSSR.
(Albania--Soils)

BOGATYREV K.P.

^{p.4}
3(2);30(1)

PHASE I BOOK EXPLOITATION

SOV/2059

Akademiya nauk SSSR. Pochvennyy institut im. V. V. Dokuchayeva

Pochvennaya s"yemka; rukovodstvo po polevym issledovaniyam i kartirovaniyu pochv (Soil Surveying; A Manual on Field Surveying and Mapping of Soils) Moscow, Izd-vo AN SSSR, 1959. 346 p. 7,000 copies printed. Errata slip inserted.

Resp. Eds.: I.V. Tyurin, Academician, I. P. Gerasimov, Academician, Ye. N. Ivanova, Professor, and V. A. Nosin, Candidate of Sciences; Ed. of Publishing House: V. Ya. Markov; Tech. Ed.: I. F. Kuz'min,

PURPOSE: This book is intended for students and practitioners of soil science and land utilization. It will also be of interest to geographers and cartographers engaged in soil surveying and mapping projects.

COVERAGE: This work on soil surveying was prepared by a group of scientists of the Department of Soil Geography and Cartography of the Pochvennyy institut AN SSSR (Soil Institute, AS USSR). The book discusses the methods used in both general and special-

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Soil Surveying (Cont.)

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purpose surveys. The basic aim of all operations is to raise agricultural productivity and introduce wise land utilization. The book includes representative maps and samples of the forms and reports to be used by the soil scientist. No personalities are mentioned. There are 46 Soviet references.

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 - Ch. 2. The Soil-meliorative Land Studies for Irrigation Purposes (A.N. Rozanov) 190
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3. Forms from the soil record book

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AVAILABLE: Library of Congress

MM/dfh
7-22-59

Card 7/7

BOGATYREV, K.P.

Fragmentary (skeletal) soils and their place in the general
classification of soils. Pochvededenie no.2:19-28 F '59.
(MIRA 12:3)

1.Pochvennyy institut imeni V.V. Dokuchayeva AN SSSR.
(Soils--Classification)

BOGATYREV, K.P.; IVLEV, A.M.; RUDNEVA, Ye.N.

Mountain soils of Sakhalin. Trudy Sakh. kompl. nauch.-issl. inst.
AN SSSR no. 9:3-34 '60. (MIRA 14:4)
(Sakhalin—Soils)

BOGATYREV, K.P.

Soils of red weathering surfaces of the People's Republic of
Albania. Pochvovedenie no.10:37-46 '60. (MIRA 13:10)

1. Pochvennyy institut imeni V.V. Dokuchayeva Akademii nauk
SSSR.

(Albania--Soils)

S/078/61/006/001/002/019
B017/B054

AUTHORS: Meleshko, V. P., Myagkoy, O. N., Bogatyrev, K. S.
TITLE: Interaction Between Deuterium Oxide Solutions and Cationite Resin
PERIODICAL: Zhurnal neorganicheskoy khimii, 1961, Vol. 6, No. 1, pp. 9 - 14.

TEXT: The authors studied the possibility of enriching deuterium oxide with the cationite resins KY-1 (KU-1) and KY-2 (KU-2). Before use, the resins were transformed into the hydrogen form, thoroughly purified from excess acid, and dried at 125 - 130°C. A 1% deuterium oxide solution was used as initial solution. The contact between resin and solution lasted 24 - 240 hours. It was found that by swelling of the cationites the deuterium oxide was irregularly distributed between the free water and the water bound by active groups of the cationite. The deuterium oxide content was lower in bound water than in water situated in the pores and between the resin grains. 1% D₂O solution was brought into contact with KU-2 at 20° or 100° for 20 - 48 h, and then fractionated. The deuterium content
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Interaction Between Deuterium Oxide Solutions and Cationite Resin S/078/61/006/001/002/019
B017/B054

of fractions decreased with decreasing moisture content of the resin. It was found that D_2O concentrated in the outer layer of the hydrate shell of active groups. On the basis of this difference in D_2O concentration in free water and cationite-bound water, the cationite is recommended for enriching deuterium oxide. L. S. Pyaterikova and I. T. Kochkina assisted in the experiments. There are 2 figures, 6 tables, and 7 references: 5 Soviet, 1 US, and 1 Canadian.

ASSOCIATION: Voronezhskiy gosudarstvennyy universitet, Kafedra analiticheskoy khimii (Voronezh State University, Department of Analytical Chemistry)

SUBMITTED: October 1, 1959

Card 2/2

RUDNITSKIY, M.P., inzh.; BOGATYREV, L.L., inzh.

Periodizing attachments to analog computers. Izv. vys. ucheb.
sav.; energ. 6 no.2:42-44 F '63. (MIRA 16:3)

1. Ural'skiy politekhnicheskiy institut imeni S.M.Kirova.
Predstavlena kafedroy elektricheskikh stantsiy, setey i sistem.
(Electronic analog computers)

KISELEV, V.I., aspirant; BOGATYREV, M.D., aspirant

Possibility of using a pneumatic piston hoist. Izv. vys. ucheb.
zav.; geol. i razv. 8 no.9:146-150 S '65. (MIRA 18:9)

1. Moskovskiy geologorazvedochnyy institut imeni S. Ordzhonikidze.

Bogatyrev, M. F. "Preliminary Results and the Compilation of a Gravimetric Map of the Urals." In the book: Za Nedra Urala, Sverdlovsk, 1934, pp. 245-250.

BOGATYREV, M. F.

PA 75T59

USSR/Medicine - Wounds, Gunshot
Medicine - Penicillin

Apr 1948

"Novocaine-Penicillin Injections as a Means of Primary Surgical Treatment of Wounds and Treatment of Suppurative Wounds," M. F. Bogatyrev, Nth Gen Clinical Mil Hosp, 1 p

"Sov Meditsina" No 4

Penicillin was administered in various ways for treatment of gunshot wounds. Describes briefly successes obtained from use of combined novocaine-penicillin injections for wounds. Same method was applied to suppurative wounds.

75T59

BOGATYREV, M. F.

PA 25/49T67

USSR/Medicine -- Esophagus, Spasm
Medicine -- Case Records

Oct 48

"Two Cases of Spasm of the Esophagus," M. F.
Bogatyrev, Ye. A. Matveyev, 1 p.

"Sov Med" No 10

Authors discuss two case histories, and
suggest that other physicians confronted
with similar problems benefit by this experi-
ence.

25/49T67

BOGATYREV, M.F.

27340: BOGATYREV, M.F.- Olechenii bol'nykh penitsillinom metodom vvedeniya ego vnutrisustavnym putem. klinich. meditsina, 1949, No. 8, s. 88-89.

SO: Letopis'Zhurnal'nykh Statey, Vol. 47, 1948.

BOGATYREV, M. F.

Treatment of penetrating cranial wounds with penicillin. Vopr.
neirokhir. 15 no. 6:61 Nov-Dec 1951. (GIML 21:3)

1. Guards Lt-Col, Medical Corps.

BOGATYREV, M.F

M.F. BOGATYREV, M.A. SHKODA, A.P. MISHCHENKO

The Problem of an Early Diagnosis of Obliterating Endarteritis
VOYENNO-MEDITSINSKIY ZHURNAL (Military Medical Journal), no. 2, February 1955, p.34

BOGATYREV, M.F.; SHMIDT, L.K., (Primorskiy kray)

Local treatment of persistent forms of comedo rash. Vest. ven.
i derm.no.3:54 My-Je '55. (MLRA 8:10)
(SKIN--DISEASES)

BOGATYREV, M.F.

Treatment of suppurative wounds with penicillin. Khirurgiia
no.6:35-39 Ja '55. (MLRA 8:10)

(WOUNDS AND INJURIES,
suppurative, penicillin ther.)
(PENICILLIN, ther.use
suppurative wds)

BOGATYREV, M.F.

BOGATYREV, M.F. (Primorskiy kray)

Case of full mobility of the whole large intestine and of absence of the greater omentum. Sov.med. 19 no.1:63-64 Ja '55. (MIRA 8:4)

(OMENTUM, abnormalities,

absence with full mobility of large intestine)

(INTESTINE, LARGE, abnormalities,

mobility in absence of omentum)

(ABNORMALITIES,

absence of omentum with mobility of large intestine)

BOGATYREV, M.F.

BOGATYREV, M.F.

Intraperitoneal injection of novocaine with penicillin in acute diffuse peritonitis. Vest. khir. 75 no.1:55-58 Ja-F '55. (MLRA 8:4)

(PERITONITIS, therapy,

penicillin with procaine, intraperitoneal admin.)

(PROCAINE, therapeutic use,

peritonitis, with penicillin, intraperitoneal admin.)

(PENICILLIN, therapeutic use,

peritonitis, with procaine, intraperitoneal admin.)

BOGATYREV, M.F., gvardii pidpolkovnik meditsinskoy sluzhby; SHERESHEVSKIY,
V.Kh., mayor meditsinskoy sluzhby

Treatment of burns. Voen.-med. zhur. no.3:75-78 Mr '56. (MLRA 9:9)
(BURNS AND SCALDS)

BOGATYREV, M.F. (Primorskiy kray, Khankayskiy rayon, s. Platonovka,
v/ch 19804)

Modification of Ruggi's method of treatment of femoral hernias.
Vest.khir. 77 no.4:125-126 Ap '56. (MLRA 9:8)
(HERNIA)

BOGATYREV, M.F.

LEVENBERG, V.R.; BOGATYREV, M.F.

Case of acute sulfanilamide poisoning. Sov.med. 21 Supplement:19
'57. (MIRA 11:2)

(SULFANILAMIDE--TOXICOLOGY)

БОГАТЫРЬ М. Ф.
BOGATYR'EV, M.F.; MOISEYEVA, R.D.

Unusual case of hemorrhagic diathesis. Klin.med. 35 no.7:130-131
J1 '57. (MIRA 10:11)

(HEMORRHAGIC DIATHESIS, case reports,
unusual case (Rus))

17(12)

SOV/177-58-5-5/30

AUTHORS: Bogatyrev, M.F., Guard Lieutenant-Colonel of the Medical Corps, Mel'nikov, Yu.N., Captain of the Medical Corps, and Gofman, V.A., Major of the Medical Corps

TITLE: The Application of Furacillin in Surgery (Primeneniye furatsillina v khirurgicheskoy praktike)

PERIODICAL: Voenno-meditsinskiy zhurnal, 1958, Nr 5, pp 27 - 32 (USSR)

ABSTRACT: The authors report on the application of furacillin in surgical treatment. According to S.P. Zayeva's data, furacillin is highly effective against anaerobian infections. She has proved that vitamin C increases the effect of furacillin, and furacillin on its part reduces the content of vitamin B₁ and PP in the organism. S.G. Mogil'nitskiy, N.I. Magalif, P.I. Stradyn', and M.M. Ferber indicate that a furacillin solution locally applied does not stimulate the tissue and helps to develop granulation and

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The Application of Furacillin in Surgery

epithelization and, consequently, the healing of the wound. Furacillin also spares the mucous membrane much more than penicillin. T.I. Ishumina has proved that in parental furacillin injections, the phagocytic reaction increases. Based on case histories, their own tests, and those of the above mentioned scientists, the authors concluded that furacillin is an effective chemico-therapeutic remedy in the prophylaxis of purulent infections in surgery and in healing various purulent processes. Furacillin is a full substitute for antibiotics. Concerning its antibacterial features and its resistibility to changes of the environment (temperatures, etc.), furnacillin is especially useful in polyclinics.

Card 2/2

BOGATYREV, M.F., gvardii polkovnik med.sluzhby; SHKODA, M.A., mayor med.sluzhby;
MISHCHENKO, A.P., kapitan med.sluzhby

Diagnosis and expert evaluation in obliterating endarteritis. Voen.-
med.zhur. no.10:30-34 0 '58. (MIRA 12:12)

(ARTERIOSCLEROSIS OBLITERANS

diag. & expert testimony in soldires (Rus))

(EXPERT TESTIMONY

on arteriosclerosis obliterans in soldiers (Rus))

(ARMED FORCES PERSONNEL, dis.

arteriosclerosis obliterans, diag. (Rus))

BOGATYREV, M.F., SHERNSHEVSKIY, V.Kh.

Problems in the treatment of burns and burn disease [with summary in English]. Vest. khir. 80 no.6:60-63 Je '58 (MIRA 11:7)

1. Iz khirurgicheskogo otdeleniya N-skoy voinskoy chasti (nach. - A.N. Sirotkin)i N-skogo voyennogo gosпитalya (nach. - P.I. Mamrenko) (BURNS, ther. technics (Rus))

BOGATYREV, M.F.; TROFIMOV, N.P. (Khabarovsk)

Use of antibiotics in the treatment of suppurative pleurisy.
Kaz.med.zhur. 40 no.3:81-82 My-Je '59. (MIRA 12:11)
(EMPIEMA) (ANTIBIOTICS)

VASIL'YEV, N.M.; BOGATYREV, M.F.

Multiple spontaneous gastrorrhesis. Kaz.med.zhur. 40 no.4 :70-80
Jl-Ag '59. (MIRA 13:2)

(STOMACH--RUPTURE)

KRUZHAYEV, V.V., polkovnik meditsinskoy sluzhby; **BOGATYREV, M.F.**,
podpolkovnik med.sluzhby

Perforating and hemorrhaging ulcers of the stomach and
duodenum. Voen.-med.shur. no.2:29-32 P '60.

(MIRA 13:5)

(PEPTIC ULCER HEMORRHAGE ther.)
(PEPTIC ULCER PERFORATION surg.)

BOGATYREV, M.F., Gvardii podpolkovnik meditsinskoy sluzhby; GRINEVSKIY,
V.N., podpolkovnik meditsinskoy sluzhby; KAMCHATNOV, R.A., kapitan
meditsinskoy sluzhby

Abcess of the lungs according to hospital data. Voen.-med.zhur.
no.4:26-28 Ap '60. (MIRA 14:1)

(LUNGS—ABCESS) /

GRINEVSKIY, V.N.; BOGATYREV, M.F.

Peptic ulcer with multiple localizations in young men. Sov. med.
24 no. 10:49-55 0 '60. (MIRA 13:12)

(PEPTIC ULCER)

BOGATYREV, M.F.

Perforated gastroduodenal ulcers in young men. Vest. khir. 84 no.5:
50-56 My '60. (MIRA 13:12)

(PEPTIC ULCER)

BOGATYREV, M.F.; VAYNSHTEYN, M.I.

Immediate and late sequelae of closed trauma of the brain in
young men. Zhur. nevr. i psikh. 61.no.9:1350-1354 '61. (MIRA 14:9)

(BRAIN—WOUNDS AND INJURIES)

IVANOV, K.K.; BOGATYREV, M.F.

Fatal outcome after appendectomy. Sov. med. 25 no.2:110-114
F '62. (MIRA 15:3)

(APPENDECTOMY)
(DEATH--CAUSES)

BOGATYREV, M.F. (Yaroslavl')

Clinical importance of Schmorl's cartilaginous hernias. Ortop.,
travn.i protez. 23 no.5:75-77 My '62. (MIRA 15:11)
(INTERVERTEBRAL DISK--HERNIA)

SAVRAYEV, V.P.; KAZAKOV, V.N.; BOGATYREV, M.F.

Purification of converter gases in copper smelting plants. TSvet.
met. 35 no.11:57-62 N '62. (MIRA 15:11)
(Gases--Purification)
(Copper industry--By-products)

BOGATYREV, M.F.; VAYNSHTEYN, M.I. (Yaroslavl')

On Raynaud's disease in young males. Zdrav. Bel. 9 no.8:40-43
#g'63 (MIRA 17:3)