S/169/62/000/007/139/149
D228/D307

Geomagnetic effect of ...

median. On disturbed days there are considerable changes, and the equatorial minimum disappears in separate cases. [Abstracter's note: Complete translation.]

Card 2/2

LOPATINA, G.B.; FEL'DSHTEYN, Ya.I.

Geomagnetic effects in the ionosphere. Geomag. i aer. 1 no.4: 548-551 Jl-Ag '61. (MIRA 14:12)

1. Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln AN SSSR.
(Ionosphere) (Magnetic storms)

BRAZHNIKOV, Nikolay Vasil'yevich; RAPOPORT, Il'ya Pavel'yevna; LOPATINA, G.G., red.

[Assembly, operation and repair of electric equipment in metallurgical plants] Montazh, ekspluatatsiia i remont elektricheskogo oborudovaniia metallurgicheskikh zavodov. Moskva, Metallurgiia, 1965. 350 p. (MIRA 18:12)

SOROKIN, Mikhail Petrovich; LOPATINA, G.G., red.; KARASEV, A.I., tekhn. red.

[Installation, operation, and repair of the electric equipment in metallurgical plants] Montazh, ekspluatatsiia i remont elektrooborudovaniia metallurgicheskikh zavodov. Moskva, Metallurgizdat, 1963. 339 p. (MIRA 16:7)
(Metallurgical plants--Electric equipment)

SUVOROVSKAYA, N.A., doktor tekhn.nauk; LOPATINA, G.I., inzh.

Separation of beryllium from accompanying elements by means of ion-exchange chromatrography. Trudy Inst.gor.dela 6:30-37 '60.
(MIRA 14:4)

(Bereyllium--Analysis) (Ion exchange)

SUVOROVSKAYA, N.A., doktor tekhn.nauk; LOPATINA, G.I., inzh.

Separation of beryllium from accompanying elements by means of ion-exchange chromatography. Nauch.soob.Inst.gor.dela 6: 30-31 '60. (MIRA 15:1)

(Beryllium) (Ion exchange)
(Chromatographic analysis)

LOPATINA, G.I.; PLAKSIN, I.N., nauchnyy rukovoditel'; SUVOROVSKAYA, N.A., doktor tekhn.nauk, nauchnyy rukovoditel'

Use of ion exchange for exchange for extracting minerals. Nauch. soob.IGD 14:142-143 '62. (MIRA 16:1)

1. Chlen-korrespondent AN SSSR (for Plaksin).
(Ion exchange) (Ore dressing)

ACCESSION NR: AT4020704 S/0000/63/000/000/0128/0130

AUTHOR: Suprun, A. P.; Soboleva, T. A.; Lopatina, G. P.

TITLE: Polymerization and copolymerization of 3,3,3-trichloropropene

SOURCE: Karbotsepny*ye vy*sokomolekulyarny*ye soyedineniya (Carbon-chain macromolecular compounds); sbornik statey. Moscow, Izd-vo AN SSSR, 1963, 128-130

TOPIC TAGS: block polymerization, copolymerization, trichloropropene, polytrichloropropene, methyl methacrylate, benzoyl peroxide, vinyl acetate, styrene, acrylonitrile

ABSTRACT: The effect of temperature and reaction time on the block polymerization of 3,3,3-trichlorpropene was investigated and the thermomechanical properties of the polymer were studied. Copolymers of 3,3,3-trichloropropene with methyl methacrylate, vinyl acetate, styrene and acrylonitrile were also obtained by block polymerization. The reaction was carried out with 0.5 mol.% benzoyl peroxide under the influence of x-irradiation at different temperatures, the maximum yield being obtained at 70C. At 100C, the yield decreased. The experimental data are tabulated. "The authors would like to thank B. L. Tsetlin for carrying out the radiation polymerization." Orig. art. has: 1 figure and 2 tables.

Card 1/2

ACCESSION NR: AT4020704

ASSOCIATION: Institut elementoorganicheskikh soyedinenly AN SSSR (Institute of Organometallic Compounds, AN SSSR)

SUBMITTED: 29Apr62 DATE ACQ: 20Mar64 ENCL: 00

SUB CODE: OC NO REF SOV: 006 OTHER: 002

Card 2/2

KORSHAK, V.V.; FRUNZE, T.M.; KURASHEV, V.V.; LOPATINA, G.P.

Synthesis and properties of some homogeneous and mixed polybenzimidazoles. Vysokom. soed. 6 no.7:1251-1255 Jl '64 (MIRA 18:2)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

SUPRUN, A.P.; SOBOLEVA, T.A.; LOPATINA, G.P.

Polymerization of 3,3,3-trichloropropene under pressure. Vysokom. soed. 6 no.4:726-728 Ap '64. (MIRA 17:6)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

ACCESSION NR: AP4032573 S/0190/64/006/004/0726/0728

AUTHORS: Suprun, A. P.; Soboleva, T. A.; Lopatina, G. P.

TITLE: Polymerization of 3,3,3-trichloropropene under pressure

SOURCE: Vysokomolek. soyedin., v. 6, no. 4, 1964, 726-728

TOPIC TAGS: methyl ethylene, propene, trichloropropene, trichloropropene polymerization, pressure polymerization, benzoyl peroxide initiator, radical polymerization mechanism, polytrichloropropene, polytrichloropropene thermomechanical property

ABSTRACT: Polymerization of 3,3,3-trichloropropene was conducted in special lead ampules placed in a high-pressure reactor. It was found that in the presence of 0.6 mole/% of benzoyl peroxide as initiator and at a temperature of 50C a yield of polytrichloropropene of 5, 19, and 31% respectively was obtained after 6 hours under 3000, 6000, and 7000 atmospheres. Without initiator, the yield of the polymer under 6000 atm at 50C and after 12 hours was only 1%. In the presence of 1 and 3 mole/% of the initiator it reached 50 and 75% respectively. The polymer was soluble in benzene, toluene, xylene, nitrobenzene, chloroform, carbon tetrachloride,

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ACCESSION NR: AP4032573

trichloroethylene and anisole. It had a molecular weight of 3500, an amorphous structure with small crystalline inclusions, and a softening point at 50C. The authors state that in the presence of benzoyl peroxide (without pressure application) the molecular weight of the resulting polytrichloropropene averages 1200, with 15% of it as high as 16 000. The high-molecular fraction differs in solubility and other properties from the main mass. Trichloropropene does not polymerize under normal pressure in the presence of 0.6 mole/% of initiator. Orig. art. has: 2 tables and 2 charts.

ASSOCIATION: Institut elementoorganicheskikh soyedineniy AN SSSR (Institute of Organoelemental Compounds, AN SSSR)

SUBMITTED: 21May63 DATE ACQ: 11May64 ENCL: 00

SUB CODE: CH NO REF SOV: 002 OTHER: 000

Card 2/2

ACCESSION NR: AP4042186 S/0190/64/006/007/1251/1255

AUTHOR: Korshak, V. V.; Frunze, T. M.; Kurashev, V. V.; Lopatina, G. P.

TITLE: Synthesis of certain polybenzimidazoles with a single or mixed single component, and study of their properties

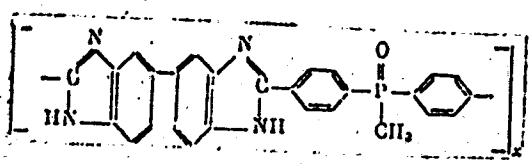
SOURCE: Vy*sokomolekulyarny*ye soyedineniya, v. 6, no. 7, 1964, 1251-1255

TOPIC TAGS: copolymer, polybenzimidazole, infusible copolymer, insoluble copolymer, heat resistant copolymer

ABSTRACT: New polybenzimidazoles with a single or mixed second component have been synthesized, and their properties have been studied. These organic copolymers have an unusually high heat resistance. Polybenzimidazoles with a single second component were prepared by polycondensation of 3,3'-diaminobenzidine (DAB) with diphenyl esters of isophthalic acid, terephthalic acid, or bis(p-carboxyphenyl)methylphosphine. The first two polybenzimidazoles proved to be infusible and insoluble. The P-containing polybenzimidazole

Card 1/4

ACCESSION NR: AP4042186



is also infusible, but dissolves in formic and sulfuric acids. An attempt to synthesize an F-containing copolymer by polycondensation of DAB with the diphenyl ester of perfluoroterephthalic acid failed as a result of the decomposition of the polycondensation product. The thermomechanical curves of the synthesized products are given in Fig.1a of the Enclosure. Polybenzimidazoles with a mixed second component were prepared from DAB and mixtures of diphenyl esters of 1) terephthalic and isophthalic acids, 2) sebacic and isophthalic acids, and 3) sebacic and terephthalic acids. The thermomechanical curves of some of the products are given in Fig. 1b. Polybenzimidazoles containing mixed aromatic second components are infusible and are soluble only with difficulty; their solubility depends on the composition of the initial mixture. Polybenzimidazoles containing both aromatic and aliphatic groups exhibit a better solubility, which increases with an increase in aliphatic component content. Orig. art. has: 1 figure and 4 tables.

Card 2/4

ACCESSION NR: AP4042186

ASSOCIATION: Institut elementoorganicheskikh soyedineniy AN SSSR
(Institute of Organoelemental Compounds, AN SSSR)

SUBMITTED: 25Jul63 ATD PRESS: 3054 ENCL: 01

SUB CODE: OC NO REF SOV: 001 OTHER: 004

Card 3/4

ACCESSION NR: AP4042186 ENCLOSURE: 01

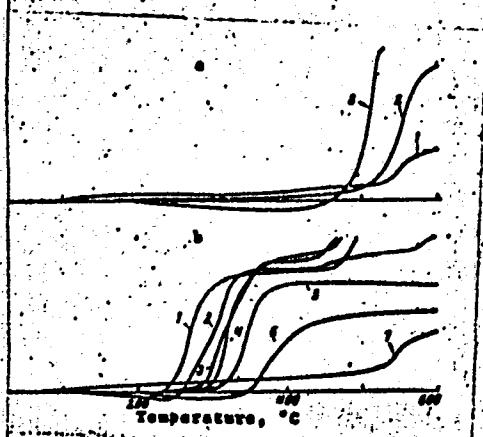


Fig. 1. Thermomechanical properties of: a) polybenzimidazoles prepared from 3,3'-diaminobenzidine and diphenyl esters of isophthalic (1) and terephthalic (2) acids or bis(-p-carboxyphenyl)methylphosphine oxide (3); b) polybenzimidazoles, prepared from 3,3'-diaminobenzidine and diphenyl esters of sebacic and terephthalic acids

Molar ratio of diphenyl ester of sebacic acid to diphenyl ester of isophthalic acid: 1 - 1.0:0.0; 2 - 0.8:0.2; 3 - 0.6:0.4; 4 - 0.5:0.5; 5 - 0.4:0.6; 6 - 0.2:0.8; 7 - 0.0:1.0.

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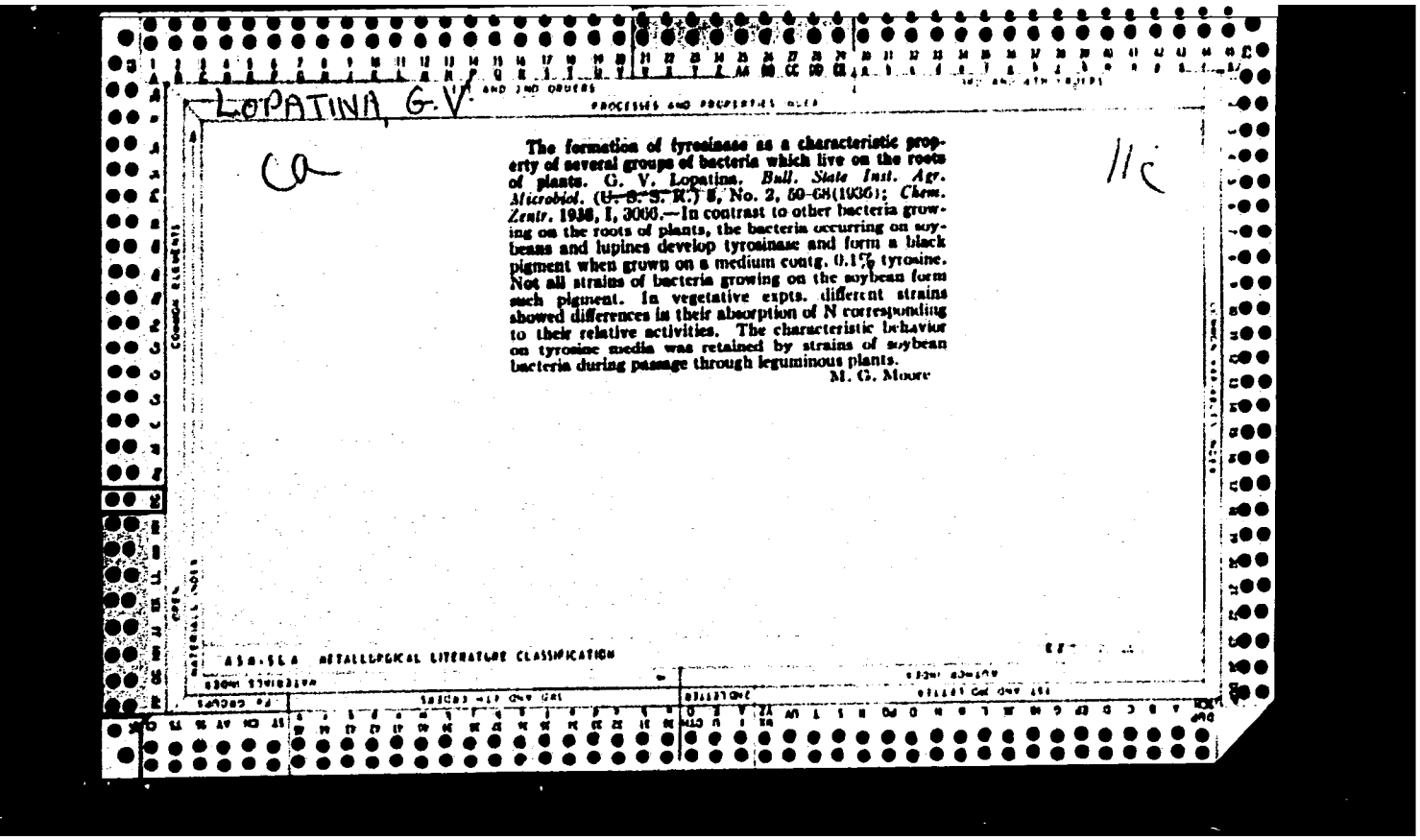
Card



LOPATINA, G. V.

The formation of tyrosinase as a characteristic property of several groups of bacteria which live on the roots of plants. G. V. Lopatina. *Bull. State Inst. Agr. Microbiol.* (U. S. S. R.) 5, No. 2, 59-68(1936); *Chem. Zentr.* 1936, I, 3006.—In contrast to other bacteria growing on the roots of plants, the bacteria occurring on soybeans and lupines develop tyrosinase and form a black pigment when grown on a medium contg. 0.1% tyrosine. Not all strains of bacteria growing on the soybean form such pigment. In vegetative expts. different strains showed differences in their absorption of N corresponding to their relative activities. The characteristic behavior on tyrosine media was retained by strains of soybean bacteria during passage through leguminous plants.

M. G. Moore

A58.5LA METALLURGICAL LITERATURE CLASSIFICATION

LOPATINA, G. V.

Lopatina, G. V. - "The effectiveness of various cultures of nitrogen bacteria," Trudy Vsesoyuz. nauch.-issled. in-ta s.-kh. mikrobiologii, Issue 1 (for 1941-1945), 1949, p. 108-112

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

LOPATINA, G.V., kandidat biologicheskikh nauk; LAZAREVA, N.M.

Method for accelerated cultivation of root-nodule bacteria.
Trudy Vses.inst.sel'khoz.mikrobiol. 13:96-103 '53.(MLRA 8:1)
(Root tubercles) (Bacteriology--Cultures and culture media)

LOPATINA, G.V.

Selection of active and phage resistant cultures of nodule bacteria for nitragin production. Trudy Vses. inst. sel'khoz. mikrobiol. 16:146-158 '60. (MIRA 13:9)

(Nitragin)

LOPATINA, G.V.; ODOYEVSKAYA, N.S.

Applying bacterized organomineral mixtures to corn and potatoes.
Trudy Vses. inst. sel'khoz. mikrobiol. 16:159-169 '60. (MIRA 13:9)
(Corn (Maize)--Fertilizers and manures)
(Potatoes--Fertilizers and manures) (Azotobacter)

LOPATINA, K.A., inzh.; FOMINYKH, I.P., kand. tekhn. nauk

White cast iron inoculated with boron and silicon. Lit. proizv. no.1:7 Ja '66. (MIRA 19:1)

LOPATINA, K.I.

Bicyclo(1.2.2) heptane deritives. Part 5: 3-aminoisocamphane and related compounds. Zhur.ob.khim. 29 no.1:75-81 Ja '59. (MIRA 12:4)

1. Nauchno-issledovatel'skiy institut farmakologii i khimioterapii.
(Narcamphane)

SOV/79-29-1-17/74

AUTHORS: Kochetkov, N. K., Khorlin, A. Ya., Lopatina, K. I.

TITLE: Derivatives of Bicyclo-(1,2,2)-Heptane (Proizvodnyye bitsiklo (1,2,2) geptana) V. 3-Amino Isocamphane and Related Compounds (V. 3-Aminoizokamfan i rodstvennyye soyedineniya)

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 1, pp 75-81 (USSR)

ABSTRACT: The authors worked out in detail the synthesis of the product 3-methyl-amino isocamphane which was recently found to be highly active (Ref 1) in order to obtain new knowledge concerning the relation between the structure of the ganglion-blocking and hypotensive properties of a series of amino derivatives of bicyclo-(1,2,2)-heptane (Ref 3). For this purpose they synthesized several other N-substituted 3-amino isocamphanes. Only brief descriptions of the synthesis of 3-methyl-amino isocamphane by reaction of camphane with the poisonous hydrocyanic acid have hitherto been published. As found in this connection the described reaction takes place in two directions at +5° (Scheme 1). At -20 up to -15° it proceeds in one direction (Scheme 2) in which case the yield in 3-formamide isocamphane amounted to more than 70%. In order to avoid

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Derivatives of Bicyclo-(1,2,2)-Heptane. V. 3-Amino Isocamphane and Related Compounds

the highly-poisonous hydrocyanic acid new methods of synthesis of the acyl derivatives of 3-amino isocamphane were investigated according to Ritter, as above mentioned (Refs 5, 6). According to Wagner it was possible to substitute hydrocyanic acid by aceto- and benzonitrile at low temperatures of up to -50°. In the condensation of camphene with dichloro- and trichloro-acetonitrile in the presence of concentrated sulfuric acid it was possible for the authors to obtain already at 0° the compounds (III, R=$CHCl_2$) and (III, R=CCl_3) which lead in the reaction to the compound (III), with R=CH_3 (Scheme 3); in this case the regrouping according to Wagner was not necessary. The acyl derivatives (I,III,IV) of 3-amino camphane were used as initial products for the synthesis of secondary amines of this series. The yields of the compounds thus obtained (V), (VI), and (VII) were very high. The results of the physiological investigations of the above compounds together with 3-amino isocamphane are mentioned in the table which shows the dependence of the ganglion-blocking effect of the structure in the series of amino derivatives of isocamphane. There are 1 table and 8 references, 2 of which are Soviet.

SOV/79-29-1-17/74

Derivatives of Bicyclo-(1,2,2)-Heptane. V. 3-Amino Isocamphane and Related Compounds

ASSOCIATION: Nauchno-issledovatel'skiy institut farmakologii i khimioterapii (Scientific Research Institute for Pharmacology and Chemotherapy)

SUBMITTED: October 21, 1957

Card 3/3

ZAGOREVSKIY, V.A.; LOPATINA, K.I.

Pyran, its analogs, and related compounds. Part 11: Applying Ritter's reaction to some heterocyclic tertiary alcohols. Zhur. org.khim. 1 no.2:366-369 F '65. (MIRA 18:4)

1. Institut farmakologii i khimioterapii AMN SSSR.

ZAGOREVSKIY, V.A.; LOPATINA, K.I.

Pyran series, its analogs and related compounds. Part 3: 1-Methyl-4-alkyl-4-aminopiperidines. Zhur. ob. khim. 33 no.8:2525-2528 Ag '63. (MIRA 16:11)

1. Institut farmakologii i khimioterapii AMN SSSR.

ZAGOREVSKIY, V.A.; LOPATINA, K.I.

Pyran series, its analogs, and related compounds. Part 8: 4-Alkyl-4-aminotetrahydropyrans. Zhur. ob. khim. 34 no.7: 2287-2290 Jl '64 (MIRA 17:8)

1. Institut farmakologii i khimioterapii AMN SSSR.

ZAGORENSKIY, V.A.; LOPATINA, K.I.

Pyran, its analogs, and related compounds. Part 15: Synthesis of some heterocyclic amines with a branched chain. Zhur. org. khim. 1 no.8:1500-1502 Ag '65. (MIRA 18:11)

1. Institut farmakologii i khimioterapii AMN SSSR.

LOPATINA, L.A.

Study of glutamic-oxaluacetic transaminase in Botkin's disease, chronic hepatitis and cirrhosis of the liver. Trudy Inst. klinv. med. AN Tadzh. SSR no.1:107-117 '62. (MIRA 17:5)

LOPATINA, L.A.; KALETKINA, I.G.

Biochemical characteristics of experimental alimentary lesions of the liver. Akt. vop. pat. pech. no.2:160-177 '63. (MIRA 18:8)

LOPATINA, L.A.

Activity of transaminases and alkaline phosphatase in alimentary lesions of the liver. Vop. med. khim. 10 no.5:494-498 S-O '64. (MIRA 18:11)

1. Biokhimicheskaya laboratoriya Instituta krayevoy meditsiny AMN SSSR, Dushanbe.

KALETKINA, L.G.; LOPATINA, L.A.

Study of histidase in acute and chronic lesions of the liver.
Akt.vop.pat.pech. no.3:107-114 '65. (MIRA 18:11)

POLTEV, Nikolay Fedorovich; KUDRYAVTSEV, V.A., prof., red.; LOPATINA, L.I., red.; CHISTYAKOVA, K.S., tekhn. red.

[Principles of the surveying of frozen ground (selected chapters)] Osnovy merzlotnoi s"emki (izbrannye glavy). Pod red. V.A.Kudriavtseva. Moskva, Izd-vo Mosk. univ., 1963. 98 p. (MIRA 16:10)
(Frozen ground) (Surveying)

GVOZDETSKIY, N.A., prof., red.; LOPATINA, L.I., red.

[Materials on the physicogeographical regionalization of the U.S.S.R.; Siberia and the Far East] Materialy po fiziko-geograficheskomu raionirovaniiu SSSR; Sibir' i Dal'nii Vostok. Moskva, Izd-vo Mosk. univ. 1964. 232 p. (MIRA 17:6)

GLAZOVSKAYA, Mariya Al'fredovna; LOPATINA, L.I., red.

[Geochemical fundamentals of the typology and the investigation methods of natural landforms; textbook] Geokhimicheskie osnovy tipologii i metodiki issledovanii prirodnykh landshaftov; uchebnoe posobie. Moskva, Izd-vo Mosk. univ., 1964. 229 p. (MIRA 17:6)

GLAZOVSKAYA, M.A., prof., red.; LOPATINA, L.I., red.

[Geographical soil and geochemical landscape research for agricultural purposes and in prospecting for mineral resources] Pochvenno-geograficheskie landshaftno-geokhimicheskie issledovaniia dlia tselei sel'skogo khoziaistva i poiskov poleznykh iskopaemykh. Moskva, Izd-vo Mosk. univ., 1964. 233 p. (MIRA 17:12)

FEDINA, Aleksandra Yefimovna; GVOZDETSKIY, N.A., prof., red.; LOPATINA, L.I., red.

[Physicogeographical regionalization; aid for correspondence school students attending the geographical faculties of state universities] Fiziko-geograficheskoe raionirovanie; posobie dlia studentov-zaochnikov geograficheskikh fakul'tetov gosudarstvennykh universitetov. Moskva, Izd-vo Mosk. univ., 1965. 140 p. (MIRA 18:6)

VYSOTSKIY, I.V., otv. red.; KONYUKHOV, I.A., red.; KUPRIN, P.N., red.; MARTYNOV, Ye.G., red.; OLENIN, V.B., red.; LOPATINA, L.I., red.

[Papers on the geology and geochemistry of mineral fuel] Sbornik rabot po geologii i geokhimii goriuchikh iskopaemykh. Moskva, 1965. 257 p. (MIRA 18:7)

1. Moscow. Universitet. Kafedra geologii i geokhimii goryuchikh iskopayemykh.

SHUL'GIN, Aleksandr Mikhaylovich; LOPATINA, L.I., red.

[Physicogeographical principles of melioration: course of lectures] Fiziko-geograficheskie osnovy melioratsii; kurs lektsii. Moskva, Izd-vo Mosk. univ., 1965. 128 p. (MIRA 18:7)

VOSKRESENSKIY, S.S.; POSTOLENKO, G.A.; SIMONOV, Yu.G.; PATYK-KARA, N.G.; ANAN'YEV, G.S.; PIMENOVA, R.Ye.; YEVTEYEVA, I.S.; KUZNETSOVA, L.T.; SOROKINA, Ye.P.; ZORIN, L.V.; SLADKOPEVTSEV, S.A.; ARISTARKHOVA, L.B.; MEDVEDEVA, N.K.; LOPATINA L.I., red.

[Geomorphological studies; work experience in southeastern Transbaikalia, eastern Fergana, central Kazakhstan, and the Caspian Lowland] Geomorfologicheskie issledovaniia; opyt rabot v IUgo-Vostochnom Zabaikal'e, Vostochnoi Fergane, TSentral'nom Kazakhstane i Prikaspiiskoi nizmennosti. Moskva, Izd-vo Mosk. univ., 1965. 275 p. (MIRA 18:7)

LOPATKIN, L.I.

Courses for improving the qualifications of information workers in Latvia. NTI no.7:11 '65. (MIRA 18:9)

1. Nachal'nik otdela metodicheskoy raboty Latviyskogo respublikanskogo instituta nauchno-tekhnicheskoy informatsii i propagandy.

RUBINOVICH, R.S.; LOPATINA, L.M.

Using the method of X-ray spectral fluorescence for determining iron in rocks and ores. Uch. zap. NIIGA. Reg. geol. no.2:125-139 '64. (MIRA 19:1)

VORONA, Ye.K.; KALININA, V.A. (Moskva); LOPATINA, MA., starshaya meditsinskaya sestra (Perm')

Nurses' councils. Med.sestra 21 no.9:58:60 S '62. (MIRA 15:9)
(NURSES AND NURSING)

RYABOKON', Ye.A. (Arkhangel'sk, naberezhnaya Lenina, d. 93, kv.6);
MARTYNYUK, K.D. (Kamensk-Shakhtinskiy, Arsenal'naya ul.,d.57-b);
LOPATINA, M.A. (Irkutsk, ul.Timiryazeva, d.1., kv.51);
SAGDULLAYEV, N. (Andizhan, UzbSSR, Bukharskaya ul.,d.1,kv.9)
ISAAKYAN, I.G., prof.; KRISTOSTURYAN, T.L., kand.med.nauk

Abstracts of articles received by the editors. Ortop. travm. i protez. 24 no.2:78-80 F'63. (MIRA 16:10)

1. Iz travmatologicheskogo punkta Arkhangel'ska (zav. - G.L. Chernyakovskaya) i kafedry operativnoy khirurgii (zav. - prof. S.I.Yelizarovskiy) Arkhangel'skogo meditsinskogo instituta (for Ryabokon'). 2. Iz ortopedo-travmatologicheskogo otdeleniya (zav. K.D.Martynyuk) Kamensk-Shakhtinskoy gorodskoy bol'nitsy (for Martynyuk). 3. Iz khirurgicheskogo otdeleniya (zav. - kand.med. nauk. Ya.D.Vitebskiy) Kurganskoy oblastnoy bol'nitsy (for Lopanina). 4. Iz kafedry operativnoy khirurgii s topografi-cheskoy anatomiyey (zav. - kand.med.nauk B.G.Ganiyev) Andi-zhanskogo meditsinskogo instituta (for Sagdullayev). 5. Iz Yerevanskogo instituta travmatologii 9 ortopedii (dir. - prof. I.G.Isaakyan) (for Isaakyan, Kristotsturyan).

DORONIN, D.M.; LOPATINA, M.S.; RAKHIMOVA, N.N.; VOLYNTSEV, N.S.; BOTOV, B.

New designs of pneumatic grinding machines. Prom.energ. 15 no.4:15 Ap '60. (MIRA 13:6)
(Grinding machines)

MUKHIN, V.N., inzh.; ZELENOV, K.A., inzh.; LOPATINA, M.S., inzh.

Redesigning of the NZL-450 boiler in connection with its conversion to operation on natural gas. Energetik 12 no.5:13-14 My '64.
(MIRA 17:6)

LOPATINA, N.A.

Stability of colloidal solutions of lead and zinc sulfides under the effect of heat. Inform. sbor. VSEGEI no.9:61-66 '59.
(MIRA 13:12)

(Lead sulfide--Thermal properties)
(Zinc sulfide--Thermal properties)

PYTEL', A. Ya.; LOPATKIN, N.A.; KUCHINSKIY, I.N.

Acute renal insufficiency associated with intrauterine retromembranous introduction of rivanol for the interruption of pregnancy and its treatment with hemodialysis. Akush. i gin. 39 no.3:5-9 My-Je'63 (MIRA 17:2)

1. Iz urologicheskoy kliniki (zav. - prof. a. Ya. Pytel') II Moskovskogo meditsinskogo instituta imeni N.I.Pirogova.

LEVI, M.I.; SUCHKOV, Yu.G.; ORLOVA, G.M.; GERASYUK, L.G.; SHKODA, A.M.; PEYSAKHIS, L.A.; STOGOVA, A.N.; LOPATINA, N.F.; SUKHARNIKOVA, N.A.; PAK, C.Y.; MUMINOV, K.M.; DONSKAYA, T.N.; HASSONOV, L.C.; WEINBLAT, V.I.; MURTAZANOVA, E.S ; STHEIMAN, A.I.; LAVRENTEV, A.F.; BASOVA, N.N.; KULOV, G.I.; GOLKOVSKY, G.M.; SALAMANOV, N.I.; ZALYGINA, N.I.

Significance of serological methods in the epizootological study of plague in wild rodents. J. hyg. epidem. (Praha) 8 no.4:422-427 '64.

1. Institute of Scientific Research, Rostov on the Don and Central Asian Institute of Scientific Research, U.S.S.R.

LEVI, M.I.; SUCHKOV, Yu.G.; ORLOVA, G.M.; GERASYUK, L.G.; SHKODA, A.M.; PEYSAKHIS, L.A.; STOGOVA, A.N.; LOPATINA, N.F.; SUKHARNIKOVA, N.A.; PAK, G.Yu.; MUMINOV, K.M.; DONSKAYA, T.N.; NASSONOV, L.S.; VEYNBLAT, V.I.; MURTAZANOVA, E.Sh.; SHTEL'MAN, A.I.; LAVRENT'YEV, A.F.; BASOVA, N.N.; GOLKOVSKIY, G.M.; KULOV, G.I.; SALAMOV, N.I.; ZALYGINA, N.I.

Results of the testing of the reactions of passive hemagglutination and neutralization of antibodies in the epizootologic examination of wild rodents for plague. Zhur. mikrobiol., epid. i immun. 40 no.12: 118-119 D '63. (MIRA 17:12)

1. Iz Rostovskogo i Sredne Aziatskogo protivochumnykh institutov, Chimkentskoy, Taldy-Kurganskoy, Aralomorskoy, Turkmenskoy, Astrakhanskoy i Frunzenskoy protivochumnykh stantsiy.

LOBASHEV, M.Ye., zaveduyushchiy; VOSKRESENSKAYA, A.K.; LOPATINA, N.G.

Differentiation of conditioned stimuli according to color and smell by bees. (MLRA 6:8)
Trudy Inst.fiziol. 1:141-156 '52.

1. Laboratoriya fiziologii nizshikh zhivotnykh.
(Color sense) (Bees) (Smell)

VOSKRESENSKAYA, A.K.; LOPATINA, N.G.

Formation and extinction of conditioned reflexes in bees. Zh. obsh. biol., Moskva 13 no.6:421-434 Nov-Dec 1952. (CIML 23:4)

1. Institute of Physiology imeni I. P. Pavlov, Laboratory of the Physiology of Lower Animals.

LOPATINA, N.G.

VOSKRESENSKAYA, A.K.; LOPATINA, N.G.

Interrelationship of digestive and protective conditioned reflexes in bees in directing their flying activity. Trudy Inst.fiziol. no.2: 542-561 '53. (MLRA 7:5)

1. Laboratoriya fiziologii nizshikh shivotnykh (zaveduyushchiy - M.Ye. Lobashev). (Bees) (Conditioned response)

LOPATINA, N. G.

"Application of the Method of Conditioned Reflexes in the Analysis of Instinctive Activity of Bees." Acad Sci USSR, Inst of Physiology imeni I. P. Pavlov, Leningrad, 1955. (Dissertation for the Degree of Candidate of Biological Sciences)

SO: M-972, 20 Feb 56

LOPATINA, N. G.

Physiological analysis of the mobilization process of bees for visiting plants. Zhur.obshch.biol. 16 no.1:37-49 Ja-F '55 (MLRA 8:4)

1. Laboratoriya fiziologii nizshikh zhivotnykh, Institut fiziologii im. I.P.Pavlova Akademii nauk SSSR.
(BEES)

Q

USSR / Farm Animals. The Honeybee.

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7394

Author : Voskresenskaya, A. K.; Lopatina, N. G.
Inst : AS USSR
Title : Conditioned Reflexes in Bees and Directing Their Summer Activities

Orig Pub : V sb.: Vopr. fiziol. s.-kh. zhivotnykh. M.-L., AN SSSR, 1957, 93-96

Abstract : In order to instigate a rapid transition of bees from the honey plant to another, the bees were given an infusion of the flowers of the plant which they visit and to which infusion sour or bitter substances (citric acid or $CaCl_2$) were added. After the bees immerse their proboscis into such supplementary feed which contained the "objectionable substance", they do

Card 1/3

USSR / Farm Animals. The Honeybee. Q

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7394

not again sit down upon the flowers which possess this odor. In the execution of the experiment, 15 bee colonies which for a long time labored on white acacia, were transferred to an asparcet field after the honey had been pumped out. However, the bees did not fly to the asparcet plants but to white acacia plants of which a small quantity was blooming at neighboring forest strips. The colonies were divided into 3 groups: the 1st group was the control group, the 2nd group was given sugar syrup with the odor of esparcet, the 3rd group received first an infusion of white acacia blossoms to which $CaCl_2$ was added, then syrup with the odor of esparcet. The

Card 2/3

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LOPATINA, N.G., KUZNETSOVA, M.A., PANKOVA, S.V.

Physiological nature of the "dance" of bees [with summary in English]
Zhur.obshch.biol. 19 no.5:376-386 S-O '58 (MIRA 11:10)

1. Laboratoriya fiziologii nizshikh zhivotnykh Instituta fiziologii imeni I.P. Pavlova, AN SSSR.
(BEES)
(CONDITIONED RESPONSE)

LOPATINA, N.G.

Conditioned reflexes on the chains of visual stimuli in the natural activity of the honeybee. Nauch. soob. Inst. fiziol. AN SSSR no.1: 46-48 '59. (MIRA 14:10)

(CONDITIONED RESPONSE)

LOBASHEV, M.Ye.; LOPATINA, N.G.; NIKITINA, I.A.; CHESNOKOVA, Ye.G. (Leningrad)

Physiological mechanism of the orientation of honeybees in space.
Usp. sovr. biol. 53 no.2:152-168 Mr-Ap '62. (MIRA 15:5)
(BEES) (ORIENTATION)

LOPATINA, N.G.; RAGIM-ZADE, M.S.

Efficiency of various races of bees under different ecologic conditions. Vop. ekol. 7:102-103 '62. (MIRA 16:5)

1. Institut fiziologii imeni I.P.Pavlova AN SSSR, Leningrad.
(Bees)

LOPATINA, N.G.; CHESNOKOVA, Ye.G.

Motor stereotype of conditioned reflexes and the food procurement activity in the honey bee. Trudy Inst. fiziol. 10: 245-254 '62 (MIRA 17:3)

1. Laboratoriya fiziologii nizshikh zhivotnykh (zav. - M.Ye. Lobashev) Instituta fiziologii imeni Pavlova AN SSSR.

LOPATINA, N.G.; CHESNOKOVA, Ye.G.

Formation of a stereotype o conditioned alimentary reflexes in honeybees (Apis mellifera L.). Nauch.soob. Inst.fiziol. AN SSSR no.3:107-109 '65. (MIRA 18:5)

1. Gruppa fiziologii nizshikh zhivotnykh (zav. - N.C.Lopatina) Instituta fiziologii imeni Pavlova AN SSSR.

LOBASHEV, M.Ye.; LOPATINA, N.G.; NIKITINA, I.A.; CHESNOKOVA, Ye.G.

Simultaneous action of acoustic and tactile stimuli on the locomotive and flying activity of the honeybee Apis melliferna (Hymenoptera, Apidae). Ent. oboz. 44 no.3:557-562 '65. (MIRA 18:9)

1. Institut fiziologii imeni I.P.Pavlova AN SSSR, Koltushi Leningradskoy oblasti.

LOPATINA, N.G.; NIKITINA, I.A.; CHESNOKOVA, Ye.G.

Conditioned reflex as a mechanism of the functional succession between the generations of social insects (Apis mellifera L.). Zool.zhur. 44 no.10:1512-1515 '65.

(MIRA 18:11)

1. Institut fiziologii AN SSSR, Leningrad.

[illegible], G.P.; LOPATINA, N.I.

Physical and chemical properties of actomyosin from rabbit skeletal muscles extracted in the presence of ATP in ontogenesis. Tsitologiia 6 no.6:687-694 N-D '64. (MIRA 18:8)

1. Laboratoriya biokhimicheskikh osnov razmnozheniya kletki Instituta tsitologii AN SSSR i laboratoriya biokhimii Instituta akusherstva i ginekologii AMN SSSR, Leningrad.

LOPATINA, N.I.; PINAYEV, G.P.

Determining protein in urine by means of test papers. Lab. delo 7 no.1:27-29 Ja '61. (MIRA 14:1)

1. Kafedra biokhimii Leningradskogo pediatricheskogo meditsinskogo instituta.

(PROTEINS) (URINE--ANALYSIS AND PATHOLOGY)

LOPATINA, N. I., KRYMSKAYA, V. M., USHAKOVA, M. S., SOLOV'YEV, L. T. (Deceased), SALAZKINA, S. S.(Deceased), YUR'YEV, V. A. and OFITSEROVA, V. N. (Deceased)

"The Separation of Mixtures of Amino Acids by the Method of Exchange Adsorption of Columns Filled With Synthetic Resins," an article included in the book "The Theory and Practice of the Application of Ion-Exchange Agents," edited by K. V. Chmukov and published by the AS USSR, 1955, 164 pp.

PODGAYETSKAYA, D.Ya.; LOPATINA, N.I.

Evaluation of accuracy in determining proteins in the serum and blood plasma and the interrelation of the erythrocytes and plasma according to specific gravity. Lab.delo 5 no.4:7-11 Jl-Ag '59. (MIRA 12:12)

1. Iz biokhimicheskoy laboratorii Leningradskogo gorodskogo gospitalya invalidov Otechestvennoy voyny i kafedry biokhimii Leningradskogo meditsinskogo pediatricheskogo instituta.
(BLOOD PROTEINS) (ERYTHROCYTES)

YUR'YEV, V.A.; LOPATINA, N.I.; ZHAKHOVA, Z.N.; MITROSOVA, A.V.

Enzymatic properties of metamyosin. Biul.eksp.biol.i med. 58 no.7:54-57 Jl '64. (MIRA 18:2)

1. Biokhimicheskaya laboratoriya (zav. - dotsent V.A.Yur'yev) Instituta akusherstva i ginekologii (dir. - prof. M.A.Petrov-Maslakov) AMN SSSR, Leningrad. Submitted April 5, 1963.

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Report presented at the 5th International Biochemistry Congress, Moscow, 10-16 Aug 1961

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Experimental data on the behavior of lead, zinc, copper, and iron sulfides in colloidal solutions at high temperatures. Geol. rud. mestorozh. no.4:52-73 Jl-Ag '60. (MIRA 13:8)

1. Vsesoyuznyy geologicheskiy nauchno-issledovatel'skiy institut, Leningrad.

(Sulfides) (Colloids)

LOPATINA, N.L.

Experimental study of sulfide sols of heavy metals at increased temperatures as a method of clarifying migration conditions of ore elements. Inform.sbor.VSEGEI no.50:101-116 '61. (MIRA 15:8)
(Ore deposits) (Sulfides)

LOPATINA, N. M.

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LOPATINA, N.M.

"On the regulation of respiratory movements", Report 5, M.V.Sergiyevskiy and N.M. Lopatina, "The significance of reflexes of the trachea and larynx for regulating respiratory movement". Report 6, M.V. Sergiyevskiy and V.A. Vinokurov, "The influence of the chest portion of the sympathetic nervous system on the respiratory reaction to the introduction of ammonia into the lungs", Report 8, V.A. Vinokurov, "On respiratory contractions of the muscles of the extremities". Report 11, N.A. Ostroumov, "Spinal-nerve respiratory centers of new-born and embryo mammals". Trudy Kyubyshevsk. gos. med. in-ta, Vol. II, 1948, p. 89-156.

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BORISOV, A.A.; DIKENSHTEYN, G.Kh.; KRAVCHENKO, N.Ye.; LOPATINA, N.P.; MALOVITSKIY, Ya.P.; KORNEV, V.A.

Basic features of the tectonics of the Caspian Sea and adjacent land areas. Geol. nefti i gaza 6 no.12:18-23 D '62. (MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut geofizicheskikh metodov razvedki i Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy neftyanoy institut, Moskva.

(Caspian Sea region—Geology, Structural)

LEONT'YEV, B.A.; LOPATINA, O.A.

Mechanism of structural transformations during the heating of steel. Fiz. met. i metalloved. 13 no.6:920-923 Je '62. (MIRA 15:7)

1. Zhdanovskiy metallurgicheskiy institut.
(Steel—Metallography) (Phase rule and equilibrium)

LOPATINA, O.F.; SULKOVSKAYA, M.A., red.; FEDOTOVA, A.F., tekhn. red.

[How to establish work norms on collective farms; practices in establishing norms for collective farm field work] Kak ustanovit' normy vyrabotki v kolkhoze; iz opyta normirovaniia truda v polevodstve kolkhozov. Izd.2. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1952. 116 p.
(MIRA 11:8)
(Agriculture--Production standards)

LOPATINA, O.F., starshiy nauchnyy sotr.; KORENEV, K.N., inzh.; ANDREYEV, I.D., nauchnyy sotr.; SHESTOPALOV, D.I., agr.; YESIKOV, P.R., agr.; MOLOTKOV, P.S., red.; ITUNINA, R.G., red.; SERADZSKAYA, P.G., tekhn. red.

[Manual on wages and the establishment of work norms on collective farms] Spravochnik po oplate i normirovaniiu truda v kolkhozakh. Voronezh, Voronezhskoe knizhnoe izd-vo, 1959. 189 p. (MIRA 15:4)

1. Voronezh,(Province) Oblastnoye upravleniye sel'skogo khozyaystva. 2. TSentral'nochernozemnyy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta ekonomiki sel'skogo khozyaystva (for Lopatina, Andreyev). Voronezhskoye oblastnoye upravleniye sel'skogo khzyaystva (for Korenev, Shestopalov, Yesikov).
(Voronezh Province--Collective farms--Income distribution)
(Voronezh Province--Collective farms--Production standards)

LOPATINA, Ol'ga Fedorovna, kand. ekon. nauk; PYLAYEVA, A.P., red.; GUREVICH, M.M., tekhn. red.; SOKOLOVA, M.N., tekhn. red.

[Establishing work norms in agricultural enterprises]Normirovanie truda v sel'skokhoziaistvennykh predpriiatiiakh. Moskva, Sel'khozizdat, 1962. 271 p. (MIRA 16:3)
(Agriculture--Labor productivity)

BERSON, G.L.; LOPATINA, S.K.

Reservoir properties of rocks of the Bogachevka series in the Kronotskiy region on the eastern coast of Kamchatka. Trudy VNIGRI no.186:327-341 '61. (MIRA 15:3)
(Kronotskiy region--Petroleum geology)
(Kronotskiy region--Gas, Natural--Geology)

LOFATINA, T. F.

FA 29T32

USSR/Engineering Jan 1947
Furnaces
Refractory Materials

"Increasing the Durability of a Rotary Furnace Lining," T. F. Lofatina, 4 p

"Stal'" No 1

One of the main causes of shutdown of a rotary furnace is the frequent burning of the lining in the clinkering zone. The article presents one of the methods of increasing the efficiency of a rotary furnace in the Kiy'yanok Cement Plant. An artificial 200 mm high, made of the same brick as the rest of the lining, was installed in the end of the clinker

29T32

USSR/Engineering (Cont'd) Jan 1947

ering zone. This increased the formation of a thick coating of slag, which protects the remainder of the clinkering zone from burning.

29T32

RASKIN, M.M.; GAMLESHKO, Kh.P.; LOPATINA, V.V.; DOBROVOL'SKAYA, K.A.; SHCHERBAKOVA, Ye.M.

Incidence of diphtheria in children's institutions in Chita and its determining factors. Zhur. mikrobiol. epid. i immun. 31 no. 5:120 My '60. (MIRA 13:10)

1. Iz Chitinskogo instituta epidemiologii, mikrobiologii i gigiyeny.

(CHITA—DIPHTHERIA)

LOPATINA, V. Ya.

"Enbikhin Therapy of Leukoses and Lymphogranulomatosis in Children." Cand Med Sci, Leningrad Pediatrics Medical Inst, Leningrad, 1954. (RZhBiol, No 6, Mar 55)

SO: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

LOPATINA, Ye. B. Cand. Geograph Sci.

Dissertation: "Peterburg-Leningrad (Historical-Geographical Characteristics)." Inst of Geography, Acad. Sci. USSR. 24 Jun 47

SO: Vechernyaya Moskva, Jun, 1947 (Project #17836)

LOPATINA, E. B.

PA 243T59

USSR/Geography - History Jan/Feb 53

"Discussion on Republished Works of Classics of Geographical Science," E. Lopatina

"Iz Ak Nauk SSSR Ser Geograf" No 1, pp 81-91

At the conference of the Dept of History, Inst of Geography of Acad Sci USSR, held 10 Jul 52, it was agreed that some works should be republished because they are important for further progress in the development of Soviet geographic theories.

243T59

LOPATINA, Yelena Brunovna; POKSHISHEVSKIY, V.V., doktor geograf.nauk, prof., otv.red.; ABRAMOV, L.S., red.; KONOVALYUK, I.K., mladshiy red.; MAL'CHEVSKIY, G.N., red.kart; NOGINA, N.I., tekhn.red.

[Leningrad; an account of its economy and geography] Leningrad; ekonomiko-geograficheskii ocherk. Moskva, Gos.izd-vo geogr.lit-ry, 1959. 214 p. (MIRA 12:4)
(Leningrad--Economic conditions)

LOPATINA, Ye.B.; TIKHONOV, A.V.; SHATSILO, Ye.S.

The All-Union Conference on the Geography of Population. Izv.AN SSSR.Ser.geog. no.3:144-149 My-Je '62. (MIRA 15:5)
(Russia--Population--Congresses)

LOPATINA, Ye.B.

"Reports of the Expedition for Studying the Grain Trade and Productivity in Russia" and their significance for Russian economic geography. Izv. AN SSSR. Ser. geog. no.4:95-101 Jl-Ag '63. (MIRA 16:8)

1. Institut geografii AN SSSR.
(Russia, Northern—Grain trade) (Geography, Economic)

LOPATINA, Ye.B.

Economic geography during the first stage of the development of capitalism in Russia in the postreform period; from the history of the approach to economicogeographical studies in Russia in the 1860's and 1870's. Izv. AN SSSR. Ser. geog. no.5:109-116 S-O '65. (MIRA 18:10)

1. Institut geografii AN SSSR.

LOPATINA, Ye.B.; NAZAREVSKIY, O.R.

Problems in regional economic overall evaluation of natural resources and conditions. Izv. AN SSSR. Ser. geog. no. 1: 99-108 Ja-F '66 (MIRA 19:2)

LOPATINA, Ye.I. (Leninogorsk).

Familiarising students with the fundamentals of industrial production. Khim. v shkole 13 no.3:47-56 My-Je '58. (MIRA 11:5)
(Chemical industries)

Lopatina Ye. R.

10-58-3-13/29

AUTHORS: Grekov, V.I., Lebedev, D.M., Ye.R. Lopatina, Fradkin, N.G.

TITLE: Memorable Dates From the History of Geographical Science (Pamyatnyye daty iz istorii geograficheskoy nauki)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geograficheskaya, 1958, Nr. 3, pp 84-87 (USSR)

ABSTRACT: With this article the periodical starts to publish biographical sketches of outstanding Soviet and foreign geographers.

AVAILABLE: Library of Congress

Card 1/1 1. Biographies - Geographers 2. Periodicals - USSR

SOV-10-58-4-13/28

AUTHORS: Grekov, V.I., Kamanin, L.G., Lebedeva, D.M., Lopatina, Ye.R., Fradkin, N.G.

TITLE: Landmarks in the History of Geographical Science (Pamyatnyye daty iz istorii geograficheskoy nauki)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geograficheskaya, 1958, Nr 4, pp 87-90 (USSR)

ABSTRACT: This article contains a list of memorable events in the field of geography from 1508 to 1933.

1. Geography--USSR

Card 1/1

LOPATINA, Zh.M.

Relapses in scarlet fever. Pediatriia 39 no.4:11-14 Jl-Ag '56.
(MLRA 9:12)

1. Iz 1-y infektsionnoy bol'nitsy Dnepropetrovska (glavnyy vrach F.K.Niusko, nauchnyy rukovoditel' - kandidat meditsinskikh nauk Ye.G.Popkova)

(SCARLET FEVER, statist.
relapses)

LOPATINA, Zh.M.

Diagnosis and treatment of infectious mononucleosis. Vrach.delo no.11:1183-1186 N'58 (MIRA 12:1)

1. Pervaya infektsionnaya bol'nitsa Dnepropetrovska.
(MONONUCLEOSIS)

LOPATINA, Zh.M.; BELAYA, Ye.K.

Resistance of dysentery bacilli to antibiotics and sulfonamides and its significance in the clinic. Vrach.delo no.4:429-430 Ap '60. (MIRA 13:6)

1. Infektsionnaya bol'nitsa Dneropetrovska.
(DYSENTERY) (ANTIBIOTICS) (SULFONAMIDES)