GRAUDINS, K.; SPRESLIS, A.

Against Latvian Menshevik exiles, history falsifiers. Vestis Latv ak no.11:5-22 '60. (EEAI 10:9)

(Latvia—History) (Latvians in foreign countries)

L 44253-66 EWT(1) SD

ACC NR: AR6022380 (N) SOURCE CODE: UR/0397/65/000/024/0012/0012

AUTHOR: Berke, A. K.; Graudinya, Z. Ya.

TITLE: Effect of psychopharmacological agents on the course of manic-depressive psychosis

SOURCE: Ref. zh. Farmakologiya. Toksikologiya, Abs. 24.54.90

REF SOURCE: Sb. Vopr. klinich. nevrol. i psikhiatrii. T. 4. Tartu, 1965, 56-59

TOPIC TAGS: pharmacology, psychopathology, chlorpromazine, tranquilizer

ABSTRACT: Case histories of 65 patients with a manic-depressive psychosis treated with chlorpromazine alone and combined with other tranquilizers, with antidepressants, and insulin shock therapy are presented; also, case histories of 44 patients treated by other methods without the use of psychotropic preparations are presented. It was established that with the use of psychotropic preparations, particularly chlorpromazine, the mean duration of the manic and depressive phases does not change and the mean duration of remission (particularly following depressive phases) is considerably reduced. Thus, before use of psychotropic preparations, the remission period following the manic

UDC: 615.786

Card 1/2

GRAUDONIS, J.(Riga)

Archaeological excavations at the Agrariesi Burial Ground in the village of Auri. Vestis Latv ak no.6:13-28. '60.

(KEAI 10:9)

1. Latvijas PSR Zinatnu akademija, Vestures un materialas kulturas instituts.

(Latvia—Excavations(Archaeology))

GRAUDONIS, Ya. (Riga)

Articles made of bone found in Latvia; 1st millenium B.C. Vestis Latv ak no.3:13-28 '61. (KEAI 10:9)

1. Latvijas PSR Zinatnu akademija, Vestures instituts.

(Latvia—Antiquities)

GRAUDONIS, Ya. (Riga)

Ancient buildings in Latvia, 1st millenium B.C. and the beginning of our era (according to archaelogical data). Vestis Latv ak no.4: 3-20 '61. (EEAI 10:9)

1. Latvijas PSR Zinatnu akademija, Vestures instituts.

(Latvia--Antiquities)

TYNISSON, E.[Tinisons, E.]; GRAUDONIS, Ya.[Graudonis, J.]

Excavations of Livonian burial mounds in Krimulda. Vestis Latv ak no.10:37-54 '61.

1. Akademiya nauk Latviyskoy SSR, Institut istorii.

(Krimulda region--Excavations(Archaeology))
(Krimulda region--Antiquities)

ADAMOV, V.; GRAUDYN', L.[Graudina, L.]; PETRZHAK, K.; SOROKINA, A.

Gamma rays from inelastic scattering of 2.95 Mev. neutrons in La^{139}.
Vestis Latv ak no.5:61-64 '61.

GRAUDYN', N. I.

Graudyn', N. I. - "The flexibility of the skin of Merino and hybrid sheep as a measure of their productivity", Sbornik nauch. rabot (Vsesoyuz. nauch.-issled. in-t ovtsevodstva i kozovodstva), Issue 16, 1948, p. 53-70, - Bibliog: 11 items.

So: U-3042, 11 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 7, 1949).

GRAUDYN', N. I.

Graudyn', N. I., Kukharchuk, V. V. and Kremneva, M. Ye. - "Study of the grades of meat from sheep," Sbornik nauch. rabot (Vsesoyuz. nauch.-issled. in-t ovtsevodstva i kozovodstva), Issue 17, 1948, p. 151-73

SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949)

GRAUDYN', N. I.

USSR / Farm Animals. Small Horned Stock. Q-3

Abs Jour: Ref Zhur-Biol., No 12, 1958, 54787.

Author : Graudyn' N. I., Ovchinnikov, M. A., Karamushko, A. P., Timaschev, I. Z.

Inst : Not given.

Title : On the Breeds and Methods of Sheepbreeding in Northern Caucasus.

Orig Pub: Ovtsevodstvo, 1957, 12, 13-20.

Abstract: No abstract.

Card 1/1

GRAUDIN, N.I.; SEMENOV, S.I.; TIMASEV, I.Z.; OVCINNIKOV, M.A.

Some problems of the selection work of breeding sheep with fine wool in the Northern Caucasus. Analele agric zooteh 17 no.6:123-128 N-D'63.

34348
S/197/62/000/001/001/002
B117/B104

24.6500

AUTHORS: Graudynya, L., Kostochkin, O., Petrzhak, K., Sorokina, A.

TITLE: γ-rays im inelastic scattering of 2.95-Mev neutrons from Al^{27}

PERIODICAL: Akademiya nauk Latviyskoy SSR. Izvestiya, no. 1 (174), 1962, 51-52

TEXT: The authors studied γ-transitions of Al^{27} with the aid of the spectra of the γ-rays forming in inelastic scattering of 2.95-Mev neutrons. The studies were made with a scintillation spectrometer, the experimental conditions were the same as in Ref. 1 (V. M. Adamov, L. Ya. Graudynya, K. A. Petrzhak, A. V. Sorokina, Izv. AN Latv. SSR, no. 5, 1961). The weight of the circular Al-scatterer was 333 g. The neutrons scattered by the Al-scatterer into the crystal interact with the NaI(Tl) crystal and bring about a γ-background. The background γ-ray spectrum was measured with an organic-glass scatterer. The number of scattering atoms was the same in aluminum and organic glass. Besides the already known γ-lines with 0.84, 1.02, and 2.25 Mev an additional line with 2.82 Mev was

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γ-rays in inelastic scattering ...

detected. Two more lines with the energies of 1.23 and 1.76 Mev were observed which are assigned to Al^{27} by some scientists and which are associated with the 2.75-Mev level which has hitherto not been observed in the inelastic scattering of neutrons from aluminum. These two lines are assumed to have formed as a result of the pair production caused by 2.25-Mev γ-quanta in the NaI(Tl) crystal and by the subsequent emergance of one (1.76 Mev) or two (1.23 Mev) annihilation quanta from the crystal. This assumption is confirmed by the dependence of the intensity ratio of the 1.25-, 1.76-, and 1.23-Mev lines on the crystal dimensions. A check experiment with an aluminum scatterer placed at an angle of 90^0 to the deuteron beam showed that the two lines (1.23 and 1.76 Mev) were present although the neutron energy was not sufficient to excite levels higher than 2.25 Mev in Al^{27}. Hence the Al^{27} spectrum has the following γ-transitions: 0.83, 1.02, 2.25, and 2.82 Mev. There are 1 figure and 10 references: 3 Soviet and 7 non-Soviet.

SUBMITTED: July 14, 1961

Card 2/2

GRAUDYNYA, L.Ya.; PETRZHAK, K.A.; SOROKINA, A.V.

Gamma rays produced in inelastic scattering of 2.95 Mev. neutrons on J^{127}, La^{139}, and B^{209}. Izv.AN SSSR.Ser.fiz. 25 no.10:1283-1285 O '61. (MIRA 14:10)
(Neutrons—Scattering) (Gamma rays—Spectra)

S/056/62/042/002/006/055
B102/B138

24.6400

AUTHORS: Graudynya, L. Ya., Kostochkin, O. I., Petrzhak, K. A., Sorokina, A. V.

TITLE: Gamma rays produced in inelastic scattering of 2.95-Mev neutrons on Ta^{181} nuclei

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 42, no. 2, 1962, 349 - 352

TEXT: With the experimental arrangement shown in Fig. 1 the excitation spectrum was measured with a scintillation gamma spectrometer in annular geometry. Its resolution for the 0.66-Mev gamma lines of Cs^{137} was 10%. The soft spectrum up to 1 Mev was measured using a 286 g metallic Ta ring as scatterer; for the hard spectrum an annular container of organic glass was used, filled with 818 g Ta powder. The measurements were made in the range 0.35-3 Mev. The following gamma peaks were observed: 0.35, 0.42, 0.48, 0.57, 0.62, 0.76, 0.86, 1.24, 1.47, 1.90 and 2.11 Mev. The peaks at 1.50 and 1.60 Mev are attributed to pair production in the NaI(Tl) crystal by 1.90 and 2.11-Mev gamma quanta. There was no 0.958-Mev level, but all

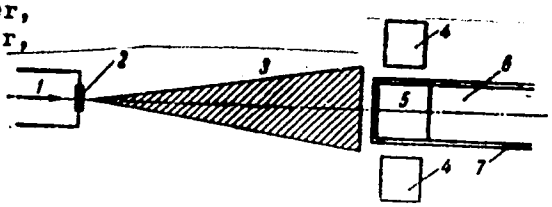
Card 1/2

the gamma transitions observed can be obtained without introducing thin level. There are 2 figures, 1 table, and 8 references: 2 Soviet and 6 non-Soviet. The four most recent references to English-language publications read as follows: A. H. Muir, F. Boehm. Phys. Rev. 122, 1564, 1961; F. Boehm, P. Marmier. Phys. Rev., 103, 342, 1956; R. Day. Phys. Rev. 102, 767, 1956; B. Guernsay, A. Wattenberg. Phys. Rev. 101, 1516, 1956.

ASSOCIATION: Radiyevyy institut Akademii nauk SSSR (Radium Institute of the Academy of Sciences USSR)

SUBMITTED: July 17, 1961

Legend to Fig. 1: (1) Deuteron beam; (2) deuterium target, (3) lead shielding cone, (4) annular Ta scatterer, (5) NaI(Tl) crystal, (6) photomultiplier, (7) screen of black paper.



Card 2/2

"Possibilities of magnesia cement production." (p. 320). STAVIVO (Ministerstvo stavebnich hmot) Praha, Vol 31, No 11, Nov. 1953.

SO: East European Accessions List, Vol 3, No 8, Aug 1954

GRAUERMAN, L. A.

Batishcheva, M. G., Grauerman, L. A., Karantsevich, L. G., Mironova, A. N. and Papov, K. S. Application of the methods of molecular spectral analysis to the investigation of fats. Pages 458 -465.

Scient. Research Inst. of
Physics of the A. A.
Zhdanov Leningrad State
Uni. and The All Union Scient.
Research Inst. of Fats.

SO: Bulletin of the academy of Sciences, Izvestia, (USSR) Vol. 14, No. 4. (1950) Series on Physics.

SAPOZHNIKOV, D.I.; GRAUERMAN, L.A.; KOSYAKOV, I.Ye.

Pilot plant testing of method for obtaining carotene from the leaves of green plants. Trudy Bot.inst.,Ser.4 no.9:282-291 '53. (MLRA 6:6)

1. Botanicheskiy institut imeni V.L. Komarova akademii nauk SSSR.
(Carotene)

USSR/Chemical Technology - Chemical Products and Their Application. Fats and Oils. Waxes. Soap. Detergents. Flotation Reagents, I-25

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63463

Author: Palladina, O. K., Grauerman, L. A.

Institution: All Union Scientific Research Institute of the Fats Industry

Title: Twenty-Five Years of Research on Margarine Production

Original Periodical: Maslob.-zhir. prom-st', 1955, No 7, 8-12

Abstract: On researches of the All Union Scientific Research Institute of the Fats Industry

Card 1/1

USSR

Application of ultraviolet spectrophotometry in the study of fats. K. S. Popov, L. A. Grauerman, and L. C. Kerantsevich. *Vestnik Leningrad. Univ.* 1956, No. 3, 87–97.—A method of analysis has been developed for long-chain unsatd. acids. The method is based on the distribution of the double bonds in the mol., since the no. of C—C single bonds sepg. double bonds governs the region in which they absorb. As an example, linoleic acid (I), linolenic acid (II), and arachidonic acid (III) have the following double-bond distribution: C:C.C.C:C, C:C.C.C:C.C.C:C, C:C.C.C:C.C.C:C.C.C:C, resp. The coeffs. of absorption, g./l./cm., are: I 83 at 234 mμ; II 60.0 at 234 mμ, 53.2 at 268 mμ; III 59.3 at 234 mμ, 53.4 at 268 mμ, 22.6 at 310 mμ. By using this method it is shown that a quant. spectrophotometric procedure for detg. I in sunflower and cottonseed oil is feasible. A study was made of solns. of vitamin A and β-carotene in heptane. The analysis of carotene was correct to 3.5%.

R. D. Kross

POPOV, K.S.; GRAUERMAN, L.A.; TOVBIN, I.M., spetsred.; VASIL'YEVA, G.N., red.; TARASOVA, N.M., tekhn.red.

[Production and use of vegetable phosphatides in the food industry] Proizvodstvo i primenenie rastitel'nykh fosfatidov v pishchevoi promyshlennosti. Moskva, Pishchepromizdat, 1958. 41 p.

(Phosphatides) (MIRA 11:12)

RZHEKHIN, V.P., starshiy nauchnyy sotrudnik; BODYAZHINA, Z.I.; VENGEROVA, N.V.; VISHNEPOL'SKAYA, F.A.; GALUSHKINA, N.A.; GAVRILENKO, I.V.; GRAUERMAN, L.A.; IRODOV, M.V.; KARANTSEVICH, L.G.; KREYSINA, R.A.; KUPCHINSKIY, P.D.; LEVIT, M.S.; LEONT'YEVSKIY, K.Ye.; LITVINENKO, V.P.; LYUBCHANSKAYA, Z.I.; MAZYUKEVICH, V.A.; MAN'-KOVSKAYA, N.K.; NEVOLIN, F.V.; POGONKINA, N.I.; POPOV, K.S.; PREMET, G.K.; SARKISOVA, V.G.; SEMENOV, Ye.A.; STERLIN, B.Ya.; SERGEYEV, A.G., kand.tekhn.nauk, obshchiy red.; PRITYKINA, L.A., red.; TARASOVA, N.M., tekhn.red.

[Technical and chemical production control and accounting in the oils and fats industry] Tekhnokhimicheskii kontrol' i uchet proizvodstva v maslodobyvaiushchei i zhiroperera batyvaiushchei promyshlennosti. Moskva, Pishchepromizdat. Vol.1. 1958. 403 p. (Oil industries) (MIRA 13:1)

GRAUERMAN, L.A., kand. tekhn. nauk; KARANTSEVICH, L.G.; NEVZOROVA, O.I.

Experience in using dilatometry for determining composition and properties of fats. Masl.-zhir. prom. 24 no.12:10-13 '58.
(MIRA 11:12)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Oil and fats) (Dilatometry)

GRAUERMAN, L.A., kand.tekhn.nauk; MIKHAYLOVA, I.V.; SLIZOVSKIY, I.M., inzh.

Intensifying the operation of basic equipment of margarine sections. Masl.-zhir.prom. 25 no.4:28-29 '59. (MIRA 12:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov (for Grauerman, Mikhaylova). 2. Trest "Energonaladka" (for Slizovskiy).
(Oil industries--Equipment and supplies)
(Oleomargarine)

GRAUERMAN, L.A., kand. tekhn. nauk

Improving the quality of various types of margarine. Masl.-zhir. prom. 25 no.7:9-10 '59. (MIRA 12:12)
(Oleomargarine)

GRAUERMAN, L.A., kand.tekhn.nauk; MIKHAYLOVA, I.V.

Use of extrusion-type coolers in the manufacture of margarine.
Masl.-zhir.prom. 25 no.12:30-32 '59. (MIRA 13:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Oleomargarine)

GRAUERMAN, L.A., kand.tekhn.nauk; KARANTSEVICH, L.G.; UL'YANOVA, T.S.

Experience in using dilatometry for evaluating the quality of edible hydrogenated fats and fat ingredients of margarine. Report No.1. Masl.-zhir.prom. 26 no.2:19-22 F '60. (MIRA 13:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Oils and fats, Edible--Analysis)
(Oleomargarine)

BODYAZHINA, Z.I.; VENGEROVA, N.V.; GEYSHINA, K.V.; GRAUERMAN, L.A.; IRODOV, M.V.; KARANTSEVICH, L.G.; KRAL'-OSIKINA, G.A.; KUPCHINSKIY, P.D.; LEONT'YEVSKIY, K.Ye.; LITVINENKO, V.P.; LYUBCHANSKAYA, Z.I.; MAZYUKEVICH, V.A.; MAN'KOVSKAYA, N.K.; NEVOLIN, F.V.; POGONKINA, N.I.; POPOV, K.S.; PREMET, G.K.; RZHEKHIN, V.P., starshiy nauchnyy sotrudnik; SARKISOVA, V.G.; SEMENOV, Ye.A.; STERLIN, B.Ya.; TIPISOVA, T.G.; SERGEYEV, A.G., kand.tekhn.nauk, red.; PRITYKINA, L.A., red.; GOTLIB, E.M., tekhn.red.

[Technochemical control and production accounting in the oils and fats industry] Tekhnokhimicheskii kontrol' i uchet proizvodstva v maslodobyvaiushchei i zhirorerabatyvaiushchei promyshlennosti. Moskva, Pishchepromizdat. Vol.2. [Special methods in the analysis of raw material and semiprocessed and finished products] Spetsial'nye metody analiza syr'ia, polufabrikatov i gotovoi produktsii. 1959. 495 p. (MIRA 13:5)
(Oil industries) (Oils and fats--Analysis)

PANYSHEV, A.S., inzh.; GUREVICH, G.L., inzh.; GRAUERMAN, L.A., kand.tekhn. nauk; KARANTSEVICH, L.G.; UL'YANOVA, G.S.

Fiftieth anniversary of the industrial hydrogenation of fats. Masl.-zhir.prom. 26 no.3:15-21 Mr '60. (MIRA 13:6)

1. Gor'kovskiy maslozhirovoy kombinat (for Panyshev and Gurevich). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov (for Grauerman, Karantsevich and Ul'yanova).

(Oils and fats) (Hydrogenation)

GRAUERMAN, L.A., kand.tekhn.nauk; KARANTSEVICH, L.G.; UL'YANOVA, T.S.

Application of differential dilatometric curves to the study of fats and fat mixtures. Report No.3. Masl.-zhir.prom. 26 no.11:13-18 N '60. (MIRA 13:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Oils and fats)

S.ROZSA, Katalin; GRAUL, Christa

Is serotonine responsible for the stimulating effect of the extracardial nerve of Helix pomatia? Biol kozl 12 no.1:49-59 '64.

1. Research Institute of Biology of the Hungarian Academy of Sciences, Tihany.

TOKAREVA, G.I.; GRAUMAN, G.B.

State of cod fisheries of the Baltic Sea in 1958. Trudy VNIRO 42:121-129 '60. (MIRA 13:9)
(Baltic Sea—Cod fisheries)

GRAUMAN, G.B.

Conditions and results of the reproduction of codfish in the southern part of the Baltic Sea in 1954-1959. Trudy BaltNIRO no.7:99-102 '61. (MIRA 15:2)

(Baltic Sea--Codfish)

GRAUMAN, G.B.

Experiments in incubating the eggs of the Baltic cod. Trudy BaltNIRO no.7:103-108 '61. (MIRA 15:2)
(Baltic Sea--Codfish) (Embryology--Fishes)

GRAUNOV, O.V.

AID Nr. 980-13 31 May

HEMODYNAMICS OF BRAIN DURING VARIATIONS IN GRAVITATIONAL-FIELD DIRECTION (USSR)

Moskalenko, Yu. Ye., N. N. Benua, and O. V. Graunov. Fiziologicheskiy zhurnal SSSR imeni I. M. Sechenova, v. 49, no. 4, 1963, 405-411.
S/239/63/049/004/001/001

Experiments have been conducted with rats to study changes in intracranial hemodynamics after placing the body in different spatial positions in the vertical plane. EPG made with the head down showed increased resistance in the cranial cavity. The amplitude of pulse oscillations decreased slightly after the position was changed, then rose above the initial level and sometimes remained at the higher level after the body assumed the normal position. The amplitude of respiratory waves also increased. With the head up intracranial electrical resistance decreased, the amplitude of pulse oscillations was usually unchanged, and the amplitude of respiratory waves decreased. The EPG showed marked intensification of waves of the third order. Changes in the electrical resistance of the cranial cavity indicated that the brain was filling with blood. The dynamics of blood filling after changes in the direction of the gravitational field indicated a regulatory action. Fluctuation in the brain's vascular tonus indicated the relative autonomy of homeostasis in the brain. [AB]

Card 1/1

ACCESSION NR: AP4026727 S/0216/64/000/002/0280/0297

AUTHOR: Moskalenko, Yu. Ye.; Gazenko, O. G.; Shurubura, A. A.; Kas'yan, I. I.; Graunov, O. V.

TITLE: Dynamics of hemocirculatory parameters of the cerebrovascular system during longitudinal gravitational loads

SOURCE: AN SSSR. Izv. Seriya biologicheskaya, no. 2, 1964, 280-297

TOPIC TAGS: cerebral blood circulation, cerebrovascular hemocirculatory system, gravity acceleration, longitudinal gravitational load, blood pressure change, blood volume change, electroplethysmograph, data unit electrical system, cerebrospinal blood pressure change, central nervous system development, respiration movement, brain oxygen intensity, gravitational load sensitivity threshold, cerebrovascular mechanical regulation, cerebrovascular chemical regulation

ABSTRACT: In a series of 64 experiments changes in blood volume and pressure were studied in the cerebrovascular systems of dogs, cats, rabbits, and rats. In each of the experiments the animal was subjected to 15-20 tests on a rotating stand with longitudinal

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ACCESSION NR: AP4026727

gravitational loads up to + 1 g, and in some experiments animals were tested on a centrifuge with acceleration up to 10 g. Blood volume changes were measured by electroplethysmograph and blood pressure changes were recorded by tensoelectric manometers. Arterial pressure and respiratory movement were measured by data units, and oxygen intensity in the brain was determined by a polarographic method. Readings for all data units were registered on a K 12 21 oscillograph. Results show that the sensitivity threshold of the cerebrovascular system to longitudinal gravitational loads lies within limits of 0.2 to 0.5 g, depending on central nervous system development and the ecology of the animal. The active physiological reactions of the cerebrovascular system 5-10 sec after exposure to longitudinal gravitational loads are autoregulatory, with arterial pressure changes affecting vessel tone. With lack of oxygen and CO_2 accumulation in the brain 15-25 sec after exposure, compensatory reactions of a chemical regulatory natuie appear. Orig. art. has: 13 figures, 3 tables.

ASSOCIATION: Institut evolyutsionnoy fiziologii im. I. M. Sechenova AN SSSR (Institute of Evolutionary Physiology AN SSSR)

Card 2/3

ACCESSION NR: AP4026727

SUBMITTED: 14Sep63 DATE ACQ: 22Apr64 ENCL: 00

SUB CODE: AM NO REF SOV: 009 OTHER: 022

Card 3/3

ACCESSION NR: AT4037706 S/2865/64/003/000/0366/0378

AUTHOR: Moskalenko, Yu. Ye.; Graunov, O. V.; Gazenko, O. G.; Kas'yan, I. I.

TITLE: Reactions of the vascular system in the intracranial cavity to equivalents of longitudinal g-loads

SOURCE: AN SSSR. Otdeleniye biologicheskikh nauk. Problemy* kosmicheskoy biologii, v. 3, 1964, 366-378

TOPIC TAGS: acceleration, brain, circulation, cerebral circulation

ABSTRACT: Electroplethysmographic (EPG) methods have been used to study intracranial hemodynamics in response to simulated or equivalent longitudinal g-loads obtained by rotating animals (rats, rabbits, and cats) in a vertical plane. The vectorial gravitational changes so produced induced active reactions in the vascular system of the brain. These changes occur 4 to 8 sec after the body posture has been changed. Their function is to normalize the blood filling of the intracranial cavity. Special experiments have shown that these active reactions are specific for cerebral blood vessels and that their threshold of sensitivity appears when the change is equivalent to 0.3 to 0.4 g. The data obtained indicate that

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ACCESSION NR: AT4037706

when animals are subjected to simulated longitudinal g-loads (head down), the organs of the central nervous system undergo a shortage of circulation and require compensation on the part of adaptive mechanisms.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: PH, LS

NO REF SOV: 004 OTHER: 007

Card 2/2

GRAUR, Aleksey Vasil'yevich, professor; KHLAREV, L.A., redaktor; IVANOVA, A.V., tekhnicheskiy redaktor

[Mathematical cartography] Matematicheskaia kartografiia. Izd. 2-oe. [Leningrad] Izd-vo Leningradskogo univ., 1956. 371 p. (Cartography) (MLRA 10:2)

GOLOVANOV, G., kand. tekhn. nauk; GRAUR, I.; ZHAKSYBAYEV, N.; LI, I.; TARAKANOV, I.; ZINCHEVSKIY, N.; GENERALOV, G.

"Gornyi zhurnal" 's contributions to industry. Gor. zhur. no.7:9-13 Jl '65. (MIRA 18:8)

1. Direktor kombinata "Apatit" (for Golovanov). 2. Glavnyy inzh. Sokolovsko-Sarbayskogo gornoobogatitel'nogo kombinata (for Graur). 3. Direktor Zyryanovskogo svintsovogo kombinata (for Zhaksybayev). 4. Nachal'nik proizvodstvenno-tekhnicheskogo otdeleniya Dzhezkazganskogo gornometallurgicheskogo kombinata (for Li). 5. Direktor kombinata "Achpolimetall" (for Tarakanov). 6. Glavnyy inzh. Krivorozhskogo gornorudnogo tresta "Leninruda" (for Zinchevskiy). 7. Glavnyy inzh. Yuzhnogo gornnobogatitel'nogo kombinata (for Generalov).

SANDRIGAYLO, N.F.; GRAUR, I.F.

Increasing the productivity and speeding up the construction of the Sokolovka-Sarbay Combine. Gor.zhur. no.2:5-9 F '64. (MIRA 17:4)

1. Direktor Sokolovsko-Sarbayskogo gornoobogatitel'nogo kombinata (for Sandrigaylo). 2. Glavnyy inzhener Sokolovsko-Sarbayskogo gornoobogatitel'nogo kombinata (for Graur).

GRAUR, I.F.; FILIPPOV, P.Ye.

Drainage operations. Gor.zhur. no.2:10-14 F '64. (MIRA 17:4)

1. Glavnyy geolog Sokolovskogo-Sarbayskogo kombinata (for Filippov).

SANDRIGAYLO, N F.; VASIL'YEV, M.V., prof., doktor tekhn.nauk; GRAUR, I.F.; USOV, F.M.; RYABOV, A.I.; ZHANTEMIROV, S.D.; VOROSHILIN, G.I.; MAKAROVA, N.U., red.

[Accelerated development of strip mines and expansion of iron ore mining; as practiced at the Sokolovka-Sarbay Mining and Ore Dressing Combine] Forsirovannaia podgotovka kar'erov i razvitie dobychi z'eleznykh rud; na primere Sokolovsko-Sarbaiskogo gorncobogatitel'nogo kombinata. Sverdlovsk, Sredne-Ural'skoe gos. knizhnoe izd-vo, 1964. 115 p. (MIRA 18:6)

KELEMEN, L., prof.; CSOGOR, I., dr.; KOVENDI, Erzsebet, dr.; GRAUSER, Judit, dr.

The differential diagnosis of non-familial hepatocellular jaundices with the aid of intradermal tests with Congo red. Med. intern. (Bucur) 17 no.2:149-155 F'65.

1. Lucrare efectuata in Clinica de boli infecticase, Tirgu Mures, (director: prof. L. Kelemen).

NIEDERLAND, T.R.; FEDORCAKOVA,A.; BRIXOVA,E.; BACHLEDOVA,E.;Technicka spolupraca: GRAUSOVA,T.; BELAJOVA,H.

Changes in the concentration of liver and kidney proteins during the chronic and chronic-intermittent administration of salicylates. Bratisl. lek. listy 2 no.11:655-659 '63.

1. III. int.klinika Lek. fak. Univ. Komenskeho v Bratislave; vedouci: prof. MUDr. T.R.Niederland, DrSc.

*

...C(m)-6 WW/DJ

(A)

SOURCE CODE: UR/0413/66/000/003/0104/0...

...G. N.; Shvetsov, A. V.; Gol'dinov, G. V.

...site bearing insert. Class 47, No. 178615

...sobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 3, 1966, 10...

...ICS: antifriction bearing, antifriction material

...ACT: This Author Certificate presents a composite bearing insert cont...
...nae (see Fig. 1). To improve the antifriction properties, the plates

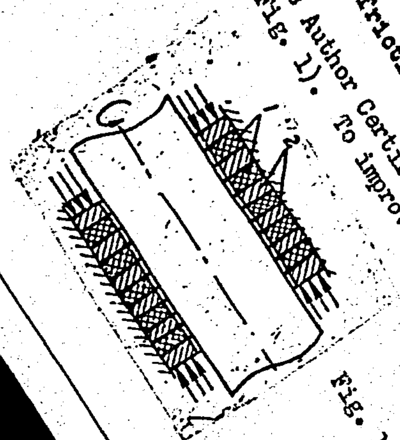

Fig. 1. 1 and 2 - laminae.

1/2

L 21334-66 EWT(m)/T/ETC(m)-6 WW/DJ

ACC NR: AP6007710 (A) SOURCE CODE: UR/0413/66/000/003/0104/0

AUTHORS: Grauze, G. N.; Shvetsov, A. V.; Gol'dinov, G. V.

ORG: none

TITLE: Composite bearing insert. Class 47, No. 178615

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 3, 1966, 104

TOPIC TAGS: antifriction bearing, antifriction material

ABSTRACT: This Author Certificate presents a composite bearing insert containing laminae (see Fig. 1). To improve the antifriction properties, the plates are made

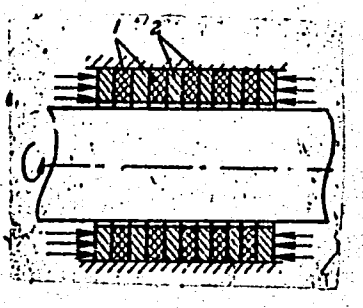

Fig. 1. 1 and 2 - laminae.

Card 1/2

UDC: 621.822.5

L 27354-66

ACC NR: AP6007710

of different plastics or plastic and metal, stacked in alternate order and axially loaded during assembly by spring-loaded or elastically tightened flanges. Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 23May63

Card 2/2 PB

[illegible], G. I.

Monuments in the Architectural Ensembles of Hydrotechnical Installations of the USSR." Cand Arch Sci, Inst of Architectural Installations, Acad Architecture Ukrainian SSR, Kiev, 1954. (KL, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational

SO: Sum. No 528, 29 Jul 55

GRAVA, A.; TREILIBS, O.; BRIEDIS, Z., red.

[Algebra and elementary functions of geometry; textbook for teachers of grade 9] Algebra un elementaras funkcijas geometrija; macibu paliglidzeklis skolotajiem 9. klasei. Riga, Latvijas Valsts izd-ba, 1963. 132 p. [In Latvian]

(MIRA 17:6)

38192. GRAVAR', V. A.

Iz opyta akklimatizatsii dekorativnykh rasteniy v Zakarpat'e. (Botan. sad Uzhgorodsk. gos. uh-ta). Byulleten' Glav. botan. sada, vyp. 4, 1949, s. 70-71

GRAVCHENKO, B.A.

AUTHOR: Antimonov, K.I. 122-2-26/33

TITLE: Letter to the Editor (Pis'mo v redaktsiyu)

PERIODICAL: Vestnik Mashinostroyeniya, 1958, No.2, p.72 (USSR)

ABSTRACT: Letter to the editor correcting certain errors in the article "Theoretical Determination of the Cutting Forces", by B.A. Gravchenko, published in the No.12, 1956 issue of the same journal.

AVAILABLE: Library of Congress

Card 1/1

GRAVE, D.

Men from the same automotive transportation unit. Za rul. 21 no.2:22 F '63. (MIRA 16:4)

(Transportation, Automotive)

TYMOVSKIY, Leonid Georgiyevich; GRAVE, Ivan Platonovich; POTAPOV, M.G., otvetstvennyy redaktor; KOLOMIYTSEV, A.D., redaktor izdatel'stva; KOROVENKOVA, Z.L., tekhnicheskiy redaktor

[Mine haulage] Kar'ernyi transport. Moskva, Ugletekhizdat, 1957. 358 p. (MIRA 10:9)
(Mine haulage) (Strip mining)

AUTHORS: Grave, I.P., Smirnov, M.P., Yakovlev, V.F., (Cands.Tech.Sc.) and Prokop'yev, N.M. (Engineer). 133-8-27/28

TITLE: Jointless tracks on a monolithic foothold on metallurgical works. (Besstykovyye puti na monolitnom osnovanii v metallurgii).

PERIODICAL: "Stal'" (Steel), 1957, No.8, pp.762-764 (USSR).

ABSTRACT: Service conditions of rails on tracks in some departments of iron and steel works (hot metal ladles, ingot tracks) are discussed. In view of heavy working conditions and difficulties in carrying out proper maintenance, the Leningrad Institute of Engineers of the Railway Transport proposed the use of monolithic concrete bases and welded rail joints for such tracks. Deficiencies and advantages of the monolithic base are discussed. Two versions of a monolithic base (Figs.1 and 2 respectively) are described. The method of fixing rails is shown in Fig.3. There are 3 figures.

Card 1/1

ASSOCIATION: Leningrad Institute of Engineers of the Railway Transport. (Leningradskiy Institut Inzhenerov Zheleznodorozhnogo Transporta).

AVAILABLE: Library of Congress

GRAVE, I.P., kand.tekhn.nauk

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(Railroads--Curves and turnouts)

MAKAROV, Vladimir Ivanovich, dotsent, kand.tekhn.nauk; GRAVE, I.P., dotsent, kand.tekhn.nauk, nauchnyy red.; MEYTUS, M.E., red.izd-va; VORONETSKAYA, L.V., tekhn.red.

[Rail transportation in the construction industry] Rel'sovyi transport na stroitel'stve. Leningrad, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960. 195 p. (MIRA 14:2)
(Railroads, Industrial) (Cableways)
(Building materials--Transportation)

ANTIMONOV, B.S., prof.; VEDENIN, N.N., kand. yurid. nauk; GENKIN, D.M., prof.; GRAVE, K.A., prof.; YEPANESHNIKOV, N.V., dots.; ZHUKOVA, L.F., dots.; KUNIK, Ya.A., dots.; L'VOVICH, Yu.Ya.; MARGOLIN, M.Z.; MOROVSKAYA, T.A., dots.; POLENINA, S.V., kand. yurid. nauk; SADIKOV, I.N.; FIALKOV, M.A., kand. yurid. nauk; YAZEV, V.A., kand. yurid. nauk; YAKHNINA, N.A., kand. yurid. nauk; KIRAKOZOVA, N.Sh., red.; EL'KINA, E.M., tekhn. red.

[Government trade regulation] Regulirovanie gosudarstvennoi torgovli. Moskva, Gostorgizdat, 1963. 339 p. (MIRA 16:7)
(Commercial law)

GRAVE, L.I.

MUKHIN, A.I.; GLUSHAKOV, P.I.; GRAVE, L.I.; ASOYAN, N.S., red.; VILENSKAYA, E.N., tekhn.red.

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(Germany) (Poland) (Finland)

POTEKHIN, I.I., glav. red.; BARANOV, A.N., red.; BELYAYEV, Ye.A., red.; GELLER, S.Yu., red.; GRAVE, L.I., st. nauchnyy red.; GRIGOR'YEV, A.A., red.; GUBER, A.A., red.; KULAGIN, G.D., red.; MALIK, Ya.A., red. MANCHKHA, P.I., red.; MILOVANOV, I.V., red.; NERSESOV, G.A., red.; OL'DEROGGE, D.A., red.; ORLOVA, A.S., red.; POPOV, K.M., red. ROZIN, M.S., kand. ekon. nauk, red.; SMIRNOV, S.R., red.; UFIMOV, I.S., red.; SHVEDOV, A.A., red.; YASTREBOVA, I.P., red.; PAVLOVA, T.I., tekhn. red.

[Africa; encyclopedia] Afrika; entsiklopedicheskii spravochnik. Glav. red. I.I.Potekhin. Chleny red. kollegii: A.N.Baranov i dr. Moskva, Vol.1. A - L. 1963. 474 p. (MIRA 16:4)

1. Sovetskaya entsiklopediya, Gosudarstvennoye nauchnoye izdatel'stvo, Moscow.

(Africa--Dictionaries and encyclopedias)

GRAVE, M.K.

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(Kopet-Dag--Physical geography) (MIRA 8:5)

GRAVE, M.K.

Origin of eolian sands in the eastern piedmont of Kopet-Dag.
Izv.AN SSSR. Ser.geog. no.5:97-100 S-O '56. (MLRA 9:11)

1. Institut geografii Akademii nauk SSSR.
(Kopet-Dag--Sand)

GRAVE, Mikhail Konstantinovich

GRAVE, Mikhail Konstantinovich; KUNIN, V.N., doktor geograficheskikh nauk, otvetstvennyy red.; BIRINA, A.V., red.izd-va; VOLYNSKAYA, V.S., red.izd-va; MOSKVICHEVA, N.I., tekhn.red.

[North foothill plain of Kopet Dagh; its origin, relief and elements of its hydrogeology] Severnaia podgornaia ravnina Kopet-Daga; proiskhozhdenie, rel'ef i elementy gidrogeologii. Moskva, Izd-vo Akad.nauk SSSR, 1957. 137 p. (Trudy Aralo-Kaspiiskoi kompleksnoi ekspeditsii, no.9) (MIRA 11:1)

- - - - - - [Supplement] 3 maps (6 l.)

(Kopet Dagh--Geology)

GRAVE, M.K., kandidat geograficheskikh nauk.

The "Mers" embankment, an ancient irrigation construction. Priroda 46 no.5:86-88 My '57. (MLRA 10:6)

1. Kol'skiy filial Akademii nauk SSSR (Kirovsk).
(Kopet Dagh--Irrigation canals and flumes)

GRAVE, M.K.

Relief of the preglacial weathered surface south of the Khibini Mountains and evidence of the ancient karst. Vop.geomorf. i geol.osad.pokr.Kol'.poluost. 1:160-171 '60. (MIRA 15:1)
(Khibiny Mountain region--Karst) (Geomorphology)

GRAVE, M.K., SHAGIROVA, I.M.

Geomorphology of the area of Kuybyshev Reservoir and supposed types of its future shores. Trudy Inst. geog. 79:3-33 '60.
(MIRA 13:8)
(Kuybyshev Reservoir--Coast changes)

GRAVE, M.K.

Eolian knoll--"tomnoks" in the plain before the Kopet Dag foothills.
Trudy Inst. geog. 80:93-95 '60. (MIRA 13:8)
(Kopet Dag region--Physical geography)

GRAVE, M.K., YEVZEROV, V.J.

Latest and present tectonic movements in the central part of the Kola Peninsula.

Report to be submitted for the First International Symposium on recent crustal movements, (IUGG) Leipzig, 21-26 May 1962

GRAVE, M.K., kand. geogr. nauk, otv. red.; ARMAND, A.D., kand. geogr. nauk, red.; KLIMOCHKIN, V.V., kand. geol.-miner. nauk, red.; TOKAREVA, T.N., red.izd-va; SOROKINA, V.A., tekhn. red.

[Relief and geology of the sedimentary cover of the Kola Peninsula] Rel'ef i geologicheskoe stroenie osadochnogo pokrova Kol'skogo poluostrova. Moskva, Izd-vo "Nauka," 1964. 132 p. (MIRA 17:1)

1. Akademiya nauk SSSR. Kol'skiy filial, Kirovsk.

GRAVE, M.K., otv. red.

[Quaternary sediments and ground waters of the Kola Peninsula] Chetvertichnye otlozheniia i gruntovye vody Kol'skogo poluostrova. Moskva, Izd-vo "Nauka," 1964. 146 p. (MIRA 17:5)

1. Akademiya nauk SSSR. Kol'skiy filial, Kirovsk.

PANASENKO, Georgiy Danilovich; GRAVE, M.K., kand. geogr. nauk, otv. red.; ISAYEV, S.I., kand. fiz.-mat. nauk, otv. red.

[Tiltmeter observations in the Kola Peninsula] Naklonomernye nabliudeniia na Kol'skom poluostrove. Moskva, Nauka, 1965. 125 p. (MIRA 18:7)

GRAVE, M.K.; YEVZEROV, V.Ya.; YEGOROVA, I.A.

Interglacial sediments in the central part of the Kola Peninsula and boreal transgression. Dokl. AN SSSR 160 no.3:673-675 Ja '65. (MIRA 18:3)

1. Kol'skiy filial im. S.M. Kirova AN SSSR. Submitted June 3, 1964.

GRAVE, N. A.

Fossil Ice on the watershed of the Lena and Aldan rivers. Trudy Inst. Merzlonved. Vol 4, 1944

SO: Trudy Arkitcheskogo Nauchno-Issledovatel'skogo Instituta, GUSMP, Council of Ministers, Vol 201, 1948

GRAVE, N. A. AND A. Ye. KRISS

"On Anabiosis in Permanently Frozen Ground a Thousand Years Old," Mikrobiol., 13, No. 5, 1944.

Inst. of Microbiology Dept Biol. Sci. AS USSR

In summer 1940, authors investigated in Central Jacutia fossil ice enclosed in a bed of permanently frozen rocks.. It was reckoned in tens of thousands of years. A block taken from a depth of 9.5m. was subjected to microbiological examination to determine the presence of bacterial life and a possible revival of the microorganisms. Sporiferous and non-sporiferous bacilli, yellow micrococci, actinomycetes and fungi were found. Results obtained testify to the absence in the block of fossil ice of microorganisms which would be able to resume their life activity after having passed tens of thousands of years in a frozen state. The microflore of the pieces where found seem to have appeared during transportation or sampling of the block.

GRAVE, N.A.

On an archaeological method for determining the age of certain hydrolaccoliths on the Chukchi Peninsula. Dokl.AN SSSR 106 no.4: 706-707 F '56. (MLRA 9:6)

1. Institut merzlotovedeniya imeni V.A.Obrucheva Akademii nauk SSSR. Predstavleno akademikom V.A.Obruchevym.
(Chukchi Peninsula--Laccoliths)

GRAVE, N.A.; AVSYUK, G.A., otvetstvennyy red.; PAVLOVA, Ye.P., red.

[Studying ground ice, frozen rocks, loose glacial sediments, and modern geocryological processes] Izuchenie podzemnykh l'dov, merzlykh gornykh popod, rykhlykh lednikovykh otlozhenii i sovremennykh geokriologicheskikh protsessov. Moskva, 1957. 12 p. (Osnovnye metodicheskie ukazaniia po gliatsiologicheskim issledovaniiam, no.13) (MIRA 11:7)

(Glaciers)

GRAVE, N.A.

Preparation for investigations in the Suntar-Khayata Mountain Range region. Mezhdunar. geofiz. god no.3168-73 '57. (MIRA 11:5)
(Suntar-Khayata--Glaciers)

GRAVE, N. A.

AUTHOR: None Given.

30-12-36/45

TITLE: Defense of Dissertations (Zashchita Dissertatsiy). January - July 1957 (Yanvar' - iyul' 1957) Section of Geological-Geographical Sciences (Otdeleniye geologo-geograficheskikh nauk)

PERIODICAL: Vestnik AN SSSR, 1957, Vol. 27, Nr 12, pp. 113-115 (USSR)

ABSTRACT: At the Institute for Geography (Institut geografii). Applications for the degree of Doctor of Geographical Sciences: D. L. Armand Physical-geographical bases of the projecting of a network of protective forests (Fiziko - geograficheskiye osnovy proyektirovaniya seti zashchitnykh lesnykh nasazhdeniy). A. S. Dobrov - Great Britain (economic geography) (Velikobritaniya (ekonomicheskaya geografiya). Applications for the degree of Candidate of Geographical Sciences: M. A. Zolotarev - The causes of climatic development in the ice age - with respect to anthropogenesis (Prichiny formirovaniya klimata lednikovogo perioda - antropogena). G. Sandagzhav - The central part of North Mongolia (economic geographical characterization (Tsentral'naya chast' Severnoy Mongolii ekonomiko-geograficheskaya kharakteristika).

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Defense of Dissertations.
January - July 1957. 30-12-36/45
Section of Geological-Geographical Sciences

At the Permafrost Institute imeni V. A. Obruchev (Institut merzlotovedeniya imeni V. A. Obrucheva). Application for the degree of Doctor of Geographical Sciences: N. A. Grave - The conditions of and the rules governing the development of rocks frozen in for many years in the Chuckchee country and on Kamchatka (Usloviya i zakonomernosti razvitiya mnogoletnemerzlykh gornykh porod v Chukotsko -Koryakskoy strane i na Kamchatke). Applications for the degree of Candidate of Geological-Mineralogical Sciences: N. P. Anisimova - The chemical composition of shoveground and subterranean waters of the catchment drainage area of the Lena middle reaches as an index of the geocryological conditions of their formation (Khimicheskiy sostav poverkhnostnykh i podzemnykh vod basseyna srednego techeniya reki Leny kak pokazatel' geokriologicheskikh usloviy ikh formirovaniya). I. V. Boyko - Investigations of the dependence of the phase composition and the mechanical properties of the frozen soil on temperature and pressure (Issledovaniya zavisimosti fazovogo

Card 2/6

sostava i mekhanicheskikh svoystv merzlykh gruntov ot temperatury i davleniya). Application for the degree of Candidate of Geographical Sciences: N. G. Bobrov - The peculiar features of the mass of rocks frozen for many years and their accompanying formations in the Southern Koryak district and on Northern Kamchatka (Osobennosti tolshchi mnogoletnemerzlykh gornykh porod i soputstvuyushchikh im obrazovaniy v Yuzhno-Koryakskoy strane i na Severnoy Kamchatke).

At the Instute for the Geology of Ore Deposits, Petrography, Mineralogy, and Geochemistry (Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii). Applications for the degree of Doctor of Geological-Mineralogical Sciences: Yu. P. Ivensen - The forming of granite pegmatites in connection with the development of geological structure. (Stanovleniye granitnykh pegmatitov v svyazi s razvitiyem geologicheskoy struktury). A. S. Povarennykh - crystallochemical bases of the modern text book of Mineralogy (Kristallokhimicheskiye osnovy sovremennogo

Defense of Dissertations.
January - July 1957.
Section of Geological-Geographical Sciences

30-12-36/45

uchebnika mineralogii). M. G. Rub - Granitoids of the Khankai district and the essential features of their property of containing metal (Granitoidy Prikhankayskogo rayona i osnovnyye cherty ikh metallonosnosti). Application for the degree of Candidate of Geological Sciences: K. N. Rudich - Magma formations of the central parts of the Sarytchev chain and its content of ore (Magmaticheskiye obrazovaniya tsentral'noy chasti tsepi Sarycheva i ikh rudonosnost').

At the Institute for Geology (Geologicheskiy institut). Applications for the degree of Doctor of Geological-Mineralogical Sciences: V. A. Balayev -Devonian deposits of the central and southern regions of the Volga-Ural province second Baku in connection with the perspectives concerning their oil-containing properties (Devonskiye otlozheniya tsentral'nykh i yuzhnykh rayonov Volgo-Ural'skoy provintsii (Vtorogo Baku) v svyazi s perspektivami ikh neftenosnosti). P. A. Mchedlishvili - The biostratigraphical importance and the paleoecology of the Neogean floras of the Caucasus (Biostratigraficheskoye znacheniye i paleoekologiya neogenovykh

Card 4/6

flor Kavkaza). P. Ye. Offman - Tectonics and volcanic tubes of the central part of the Siberian Plateau (Tektonika i vulkanicheskiye trubki tsentral'noy chasti Sibirskoy platformy). Applications for the degree of Candidate of Geological-Mineralogical Sciences: Ye. M. Zhgenti - Development of the mollusc fauna of Georgia Conchitic Horizon (Razvitiye mollyuskovoy fauny konkskogo gorizonta Gruzii). O. A. Lipina - Foraminifers and stratigraphy of the boundary layers of the Devonian - and mineral coal system and the Tourné stage of the eastern part of the Russian Plateau and of the Western slope of the Ural Mountains (Foraminifery i stratigrafiya pogranichnykh sloyev devonskoy i kamennougol'noy sistem i turneyskogo yarusa vostochnoy chasti Russkoy platformy i zapadnogo sklona Urala). V. I. Murav'yev - Mineralogy and petrography of the continental mass of the western part of the Vilyuy depression (Mineralogiya i petrografiya kontinental'noy tolshchi zapadnoy chasti Vilyuyskoy vpadiny). G. I. Nosov - Lithology of the Turan-Konyak mass of the chalk on the right bank of the river Don

Defense of Dissertations.
January - July 1957.
Section of Geological-Geographical Sciences

30-12-36/45

(Litologiya turansko-kon'yakskoy tolshchi mela pravoberezh'ya Dona). I. A. Rezanov - tectonics and seismism of the Turkmenian Choran mountains (Tektonika i seysmichnost' Turkmeno-Khorasanskikh gor). B. S. Rusanov - Aeromethods of geomorphological map plotting when searching for mineral fields (Aerometody geomorfologicheskogo kartirovaniya pri poiskakh rossypey).

AVAILABLE: Library of Congress.

1. Geography 2. Permafrost 3. Mineralogy 4. Geology

Card 6/6

GRAVE, N.A. [translator]; TOLSTOV, A.N. [translator]; USOVA, T.V. [translator]; CHEKOTILLO, A.M. [translator]; YEFIMOV, A.I., red.; ZNAMENSKAYA, V.K., red.; GRIBOVA, M.P., tekhn. red.

[Frozen ground of Alaska and Canada; a collection of articles] [Translated from the English] Merzlye gornye porody Aliaski i Kanady; sbornik statei. S predisl. A.I. Efimova. Moskva. Izd-vo inostr. lit-ry, 1958. 262 p. (MIRA 11:7)
(Alaska--Frozen ground) (Canada--Frozen ground)

GRAVE, N. A., (Candidate of Geographical Sciences)

"The Conditions and Laws of Development of Strata of Permafrost Rocks in Chukotsko-Koryakskaya Country and in Kamchatka"

For this work author received award by the Academy of Sciences of the USSR, 1957.
Priroda, No. 2, 1958. pp. 113-114.

SHUMSKIY, Petr Aleksandrovich; GRAVE, N.A., doktor geograf.nauk, otv. red.; KONDRAT'YEVA, V.I., red.; VOYTKOVSKAYA, Ye.M., red.; PARNIKOV, Ye.S., tekhn.red.

[An outline of the history of the study of ground ice] Ocherk istorii issledovaniia podzemnykh l'dov. IAkutsk, IAkutskoe izd-vo, 1959. 52 p. (MIRA 13:4)
(Frozen ground)

SOLOV'YEV, P.A.; GRAVE, N.A., otv.red.; YEFIMOV, A.I., otv.red.; KOTLYAREVSKAYA, P.S., red.izd-va; SIMKINA, G.S., tekhn.red.

[Permafrost zone in the northern part of the Lena-Amga interfluve] Kriolitozona severnoi chasti Leno-Amginskogo mezhdurech'ia. Moskva, Izd-vo Akad.nauk SSSR, 1959. 143 p. (MIRA 13:1)

(Lena Valley--Frozen ground)
(Amga Valley--Frozen ground)

3(5)

SOV/10-59-6-2/24

AUTHOR: Grave, N.A.

TITLE: Basic Features and Regularities of Development of Permafrost Formations in the Extreme Northeast of Asia

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geograficheskaya, 1959, Nr 6, pp 22-32 (USSR)

ABSTRACT: This article recapitulates all information gathered by numerous Soviet organizations and geologists on permafrost formations of Chukotskiy and Kamchatka Peninsulas. The author cites the following Soviet institutions: Anadyrskaya merzlotnaya stantsiya (Anadyr' Permafrost Station) of the Institute for the Study of Permafrost imeni V.A. Obruchev of the AS USSR; Vsesoyuznyy arkticheskiy institut (All-Union Arctic Institute), Glavsevmorput', Dal'stroy, Ministerstvo geologii i okhrany nedr SSSR (Ministry of Geology and Conservation of Mineral Resources of the USSR), Institut okeanologii AN SSSR (Institute of Oceanology of the AS USSR). He also cites the following Soviet geologists who studied

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Basic Features and Regularities of Development of Permafrost Formations in the Extreme Northeast of Asia

the permafrost phenomenon in the region: P.F. Shvetsov, S.P. Kachurin, P.A. Solov'yev, I.A. Tyutyunov, N.C. Bobov, N.B. Novosel'skaya, I.A. Nekrasov, R.M. Sarkisyan, S.V. Obruchev, D.M. Kolosov, S.L. Kushev, V.B. Sochava, M.I. Budyko, M.M. Krylov, V.A. Kudryavtsev, P.A. Shumskiy, N.P. Kheraskov, Doctor of Geographical Sciences N.V. Dumitrashko, Professor A.I. Popov, and Doctor of Geologo-Mineralogical Sciences V.M. Romanov. The author tentatively divides all the permafrost formations of the region into frozen (ice-containing) and chilled (with the temperature of below 0°C) formations. Basic features of each of singled out formation are determined by genetic differences of rock formations forming the part of a so-called cryolithozone conditioned by morpho-tectonic peculiarities of various parts of the above mentioned region. On the other hand, the regularity of occurrence of permafrost formations is conditioned by the high-latitudinal (50° to 70°) geographical position of the region, its complicatedly,

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intersected relief; the interaction of three basic air currents, the Siberian anticyclone, the polar arctic wind and the Aleutian minimum; an unequal distribution of the snow blanket; the almost permanent cloudiness of the region, diminishing the influence of sun rays on the earth surface; the advection of cold air masses lowers the average yearly temperatures; the high albedo of covering snow and ice masses (80-90%) causes the losses of heat in summer, etc. The author further gives a detailed description of various parts of the Chukotskiy and Kamchatka Peninsulas had of the Koryak Mountainous region. He divides them into three geo-cryological formations: 1) Mountain-folding geocryological formation, composed of: the region of the Chukotskiy Mountain Range; the Chukotskiy Peninsula; the Kolyma Mountain Range; the Koryak Mountain Range; the Anadyr' Plateau; the region of Central and Eastern Mountain Ranges of Kamchatka. 2) The lowland formations, composed of: the Arctic

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region; the region of Lower-Anadyr' lowland; the Markovo depression; the region of Penzhino lowland and Parapol'skiy cavity; region of the Kamchatka lowlands; and 3) the Glacier-Volcanic formations (mainly on the Kamchatka volcanoes). There are 30 references, 28 of which are Soviet and 2 American.

ASSOCIATION: Severo-vostochnoye Otdeleniye In-ta merzlotovedeniya AN SSSR (The North-Western Section of the Institute for the Study of Permafrost of the AS USSR).

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