

23115
S/181/61/003/005/020/042
B136/B201

18 8200

AUTHORS: Pines, B. Ya. and Kuznetsova, R. I.

TITLE: Change of sub-microporosity in electrolytic metal foils under heating and stress

PERIODICAL: Fizika tverdogo tela, v. 3, no. 5, 1961, 1475 - 1484

TEXT: Various molecular effects in metals and alloys under the effect of temperature and pressure point to peculiarities of the mechanical properties and other macroscopic characteristics of solid bodies. In the present investigation, sub-microporosity was measured by using the small-angle scattering of X-rays (filtered CuK_{α} radiation), whereas the "double Bragg reflection" was found to be unsuited. 0.02-mm copper and nickel foils were electrodeposited from baths onto stainless or carbon steel and then detached. The copper foils were annealed at temperatures up to 1000°C and under tensile stresses of 0.80 - 200 g/mm^2 , and the nickel foils up to 1100°C and 0 - 330 g/mm^2 in a hydrogen atmosphere. The device YPC - 50M (URS - 50I) was used for X-ray diffraction analysis. A one-hour annealing of Cu foils

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Change of sub-microporosity ...

at temperatures of up to 400°C augmented the scattering intensity far beyond the initial value, while higher temperatures caused it to drop. In addition, a change took place in the angular distribution of radiation. Ni showed similar results. The scattering intensity attained a maximum at a temperature of 800°C. The integral scattering intensity changed in proportion to the sub-microporosity ν (Figs. 3a, 3b). The heat resistance was found to increase with a rise of temperature. A parasitic Bragg reflection effect occurs with specimens both subjected to and free from stress up to certain temperatures; its presence was checked by testing Cu and Ni foils of the same thickness but not prepared electrolytically. The foils did not exhibit any appreciable change in the integral scattered radiation. Small-angle scattering effects are thus actually a consequence of sub-microporosity which, in annealed specimens, becomes visible also microscopically. The collimation error and the varying pore diameter were taken into account in interpreting the measurements. The former, however, was found to have no effect upon the temperature dependence of the total sub-microporosity. It may be taken for granted that sub-microporosity in unstressed specimens is first augmented by annealing but eventually disappears at high temperatures. In specimens under stress it increases with a rise of temperature

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Change of sub-microporosity ...

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and stress. Sintering effects are found in two classes of pore size between 1000 and 1100°C. The monotonic increase in the total porosity of previously annealed (900°C) Cu and Ni specimens with increasing temperature of the subsequent annealing under stress concerns chiefly the small pores at low temperatures, and the large ones at high temperatures. Experiments show that the distortions of the crystal lattice giving rise to this effect differ markedly from those in hammer-forged metal. The results found here for specimens annealed at high temperatures and under stress confirm the concept of the enlargement, due to the diffusion, of pore cracks in electrolytic metal foils. There are 9 figures and 8 references: 6 Soviet-bloc and 2 non-Soviet-bloc. The two most recent references to English-language publications read as follows: M. B. Webb a. W. W. Beeman. Acta Metallurgica, 7, no. 3, 1959. R. H. Neynaber, W. G. Brammer a. W. W. Beeman. J. Appl. Phys., 30, no. 5, 656, 1959. X

ASSOCIATION: Khar'kovskiy gosudarstvennyy universitet imeni A. M. Gor'kogo
(Khar'kov State University imeni A. M. Gor'kiy)

SUBMITTED: September 30, 1960 (initially),
January 2, 1961 (after revision)

Card 3/6

S/181/62/004/005/025/055
B125/B108

AUTHORS: Pines, B. Ya., and Kuznetsova, R. I.

TITLE: Change in submicroporosity of electrolytic films of iron after annealing under load

PERIODICAL: Fizika tverdogo tela, v. 4, no. 5, 1962, 1247-1251

TEXT: The authors determined the change in submicroporosity in electrolytic films of iron after annealing in a hydrogen atmosphere at temperatures of up to 1100°C without a load and under a load of 450g/mm². The small-angle scattering of x-rays was examined. The results are indicative of a change in submicroporosity of the films with temperature of annealing (Fig. 2). There is an anomaly at the point of phase transition. The change in porosity after annealing under a constant load has the same character as the temperature dependence of the self-diffusion coefficient of iron. The increase in porosity of electrolytic iron films under stress at high temperatures and the sintering (decrease in porosity) without stress are caused by diffusion processes. This diffusion mechanism differs essentially from the formation of cracks in

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Change in submicroporosity of ...

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solid bodies at low and medium temperatures. An excess of vacancies plays an important role in the development of submicropores into cracks. There are 2 figures and 3 tables.

ASSOCIATION: Khar'kovskiy gosudarstvennyy universitet im. A. M. Gor'kogo
(Khar'kov State University imeni A. M. Gor'kiy)

SUBMITTED: December 30, 1961

Fig. 2. Dependence of the total (relative) submicroporosity on the annealing temperature for electrolytic iron. Legend: (1) and (1a) annealing without stress; (2) and (2a) annealing under a stress of 450 g/mm^2 .

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S/181/62/004/012/008/052
B104/B102

AUTHORS: Pines, B. Ya., Kuznetsova, R. I., and Dubovik, M. F.

TITLE: Development of submicroporosity in composite electrolytic films of the Cu - Ni system during heating and loading

PERIODICAL: Fizika tverdogo tela, v. 4, no. 12, 1962, 3409-3414

TEXT: The scattering of X-rays at small angles and the kinetics of the destruction of thin electrolytic films of pure metals (Cu, Ni, Fe) were investigated in continuation of previous studies (B. Ya. Pines, R. I. Kuznetsova, FTT, 3, 1475, 1951; 4, no. 5, 1962). The change of submicroporosity in Cu-Ni films during annealing at different temperatures without and with load (230 g/mm^2) was studied by means of X-ray scattering. A copper film was electrolytically deposited on a polished steel plate, then separated from the plate, annealed and electrolytically coated on both sides with nickel. The total thickness of specimen 1 (17μ) was composed of 85% Cu film and 15% Ni films, and that of specimen 2 of 50% Cu film. Results: a maximum volume of pores was found in the films, exceeding that of single component films by one order of magnitude. This

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is explained by additional formation of pores through nonuniform partial heterodiffusion (Frenkel' effect of first kind). Under annealing at 1100°C, submicroporosity in the unloaded state increases at first, passes through a maximum and then drops. Annealing under load always leads to an increase in submicroporosity; the higher the annealing temperature, the bigger the increase. The development of submicroporosity in consequence of heterodiffusion leads to a noticeable reduction of the heat resistance offered by the composite Cu-Ni films. The amount of this reduction is determined not only by the total volume of the pores but also by their distribution in the film. There are 3 figures and 1 table.

ASSOCIATION: Khar'kovskiy gosudarstvennyy universitet im. A.M. Gor'kogo
(Khar'kov State University imeni A. M. Gor'kiy)

SUBMITTED: July 2, 1962

Card 2/2

KUZNETSOVA, R. I.

Structure and Properties (Cont.)

SOV/6384

PART II. THORIUM-BASE ALLOYS

26. Badayeva, T. A., R. I. Kuznetsova. Structure of Th-ZrC Alloys 223
27. Badayeva, T. A., and R. I. Kuznetsova. Strengthening of Thorium With Carbon 227
28. Badayeva, T. A., and G. K. Alekseyenko. Effect of the Cooling Rate on ω -Phase Formation in Thorium-Zirconium-Uranium Alloys 237
29. Badayeva, T. A., and G. K. Alekseyenko. Mechanical and Corrosion Properties of Thorium-Zirconium and Thorium-Zirconium-Uranium Alloys 246
30. Badayeva, T. A., and R. I. Kuznetsova. Structure and Corrosion Properties of Alloys of the Thorium-Zirconium-Titanium System 257

Card 7/10

IVANOV, O. S., Doctor of Chemical Sciences, ed,
Stroyeniye i svoystva splavov urana, toriya i tsirkoniya; sbornik statey (Structure and Properties of Uranium, Thorium, and Zirconium 378 p. 2000 copies printed
Moscow, Gosatomizdat, 1963

S/048/63/027/001/042/043
B108/B180

AUTHORS: Lavrukhina, A. K., Moskaleva, L. P., and Kuznetsova, R. I.

TITLE: Some new data on the mechanism of the formation of light nuclei

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya, v. 27, no. 1, 1963, 137-140

TEXT: Earlier work (Report on the 19. Congress on Pure and Applied Chemistry, Canada, 1961) is continued on the production of light nuclei under bombardment by fast protons. This study covers the energy distribution of Na^{24} produced from Al, Ag, and U by bombardment with 660-Mev protons. To establish a dependence on the proton energy the authors also studied the production cross sections and the angular distributions of some light nuclei produced by 120-Mev protons. The production cross sections of Be^7 , F^{18} , Na^{24} , and P^{32} from Sb, Sn, and U have the same course for 660-Mev and 120-Mev protons, but are in the former case higher by about one order of magnitude. The ratio of the

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Some new data on the mechanism ...

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yields in Na²⁴ and F¹⁸ is somewhat lower for 120 than for 660 Mev. For an Sb target it is 1.6, 2.2 for Sn, and 2.1 for U. These data disprove the meson mechanism of momentum transfer in the nucleus. This paper was read at the 12. Annual Conference on Nuclear Spectroscopy, Leningrad, January 26 - February 2, 1962. There are 4 figures and 3 tables.

ASSOCIATION: Institut geokhimii i analiticheskoy khimii im.
V. I. Vernadskogo Akademii nauk SSSR (Institute of
Geochemistry and Analytical Chemistry imeni V.I. Vernadskiy
of the Academy of Sciences USSR)

Card 2/2

MALYSHEVA, T.V.; NIKITYUK, L.N.; KHOTIN, B.A.; KUZNETSOVA, R.I.

New neutron-deficient tungsten isotopes. *Izv. AN SSSR. Ser. fiz.*
27 no.10:1264-1266 0 '63. (MIRA 16:10)

1. Institut goekhimi i analiticheskoy khimii im. V.N.Vernadskogo
AN SSSR.

BADAYEVA, T. A.; ALEKSEYENKO, G. K.; KUZNETSOVA, R. I.

"Structure and properties of ternary alloys containing thorium."

report submitted for 3rd Intl Conf, Peaceful Uses of Atomic Energy, Geneva,
31 Aug-9 Sep 64.

KUZNETSOVA, R.I.

Results of observations on patients recovering from tick-borne encephalitis and diphasic meningoencephalitis in Leningrad Province. Vop. psikh. nevr. no.10:44-49 '64. (MIRA 18:12)

1. Parazitologicheskiy otdel Leningradskoy oblastnoy sanitarno-epidemiologicheskoy stantsii (glavnyy vrach A.K.Kondrashov; zav. parazitologicheskim otdelom F.N.Schelkunova).

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928220014-3

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928220014-3"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928220014-3

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928220014-3"

KANTOROVICH, R.A.; BGANTSEVA, I.V.; ZHILOVA, G.P.; KUZNETSOVA, R.I.;
OSTROVSKIY, G.D.; RABY, Ye.A.

Comparative study of the epidemiological effectiveness of
the inoculation with live and killed poliovirus vaccines.
(1959-1960). Trudy Len. inst. epid. i mikrobiol 26:70-82 '64.
(MIRA 18:12)

1. Iz laboratorii poliomyelita instituta imeni Pastora, otdela
virusologii Instituta eksperimental'noy meditsiny AMN SSSR i
sanitarno-epidemiologicheskikh stantsiy Pskovskoy, Novgorodskoy
i Leningradskoy oblastey.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928220014-3

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928220014-3"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928220014-3

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928220014-3"

LAVRUKHINA, A.K.; KUZNETSOVA, R.I.; SATAROVA, L.M.

Formation rate of radioactive isotopes in chondrites under the
action of cosmic rays. Geokhimiia no.12:1219-1227 D 1964. (MIRA 18:8)

1. Institut geokhimii i analiticheskoy khimii imeni V.I.Vernadskogo
AN SSSR, Moskva.

KUZNETSOVA, R.I.; FEL'MAN, I.A.

Study of the epidemiological effectiveness of the inoculation
with live and killed poliovirus vaccine in Leningrad Province
(1958-1962). Trudy Len. inst. epid. i mikrobiol 26:111-119 '64.
(MIRA 18:12)

1. Iz Leningradskoy oblastnoy sanitarno-epidemiologicheskoy
stantsii.

OSETROV, P.P.; SOKOLOV, N.V.; KOROLEV, V.D.; DEMENT'YEV, V.F.; KUZNETSOVA, R.M.

High durability drilling ropes. Metallurg 7 no.12:28 D '62.
(MIRA 15:12)

1. Beloretskiy staleprovolochno-kanatnyy zavod.
(Wire rope)

Авентуров, Р.В.

NOSOV, S.D., prof.; KUZNETSOVA, R.V. (Ivanovo)

Gastric diphtheria. Klin.med. 36 no.2:57-61 P '58. (MIRA 11:4)

1. Iz kafedry detskikh infektsionnykh bolezney (zav. - prof. S.D. Nosov) Ivanovskogo meditsinskogo instituta i Ivanovskoy l-y gorodskoy klinicheskoy bol'nitsy (glavnyy vrach S.I.Mazo)
(DIPHTHERIA, complications,
gastritis (Rus))
(GASTRITIS, etiology and pathogenesis,
diphtheria (Rus))

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928220014-3

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928220014-3"

ROGOVINA, A.A.; KOZNETSOVA, R.Ye.

Changes in the characteristics of nylon cord in water soaking
and subsequent drying. Khim. volok. no.4:56-59 '65.

(MIRA 18:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy inatitut iskusstvennogo
volokna.

ROGOVINA, A.A.; KUZNETSOVA, R.Ye.

Change in the properties of viscose cord undergoing water
wetting and subsequent drying. Khim. volok. no.3:45-50 '64.
(MIRA 17:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo
volokna.

BELYAYEV, D.; KUZNETSOVA, S., inzh.

Improve the organizational and technical standards of quality control. Avt.dor. 27 no.6:4 Je '64.

(MIRA 18:4)

1. Direktor stroyashchikhsya dorog pri Kemerovskom upravlenii stroitel'stva i remonta avtomobil'nykh dorog (for Belyayev).
2. Direktsiya stroyashchikhsya dorog pri Kemerovskom upravlenii stroitel'stva i remonta avtomobil'nykh dorog (for Belyayev).

KUZNETSOVA, S.

"Bezostala 1," an achievement of Soviet breeding. Zashch.
rast. ot vred. i bol. 10 no.10:3-4 '65.

(MIRA 18:12)

1. Glavnyy agronom Gosudarstvennoy komissii po sortoispytaniyu
sel'skokhozyaystvennykh kul'tur pri Ministerstve sel'skogo
khozyaystva SSSR.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928220014-3

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928220014-3"

MAZINA, Ye.G., kand.med.nauk., MUSATOVA, A.V., KHRAMOVA, M.I., NABOKINA, Ye.K.
SKOPTSOVA, S.M., KUZNETSOVA, S.A., KARPEL', L.M., DAMANSKAYA, N.V.
FILIPPOVA, T.V.

Effectiveness of epidermal vaccination of newborns. Vop.okh.
mat. 1 det. 3 no.6:53-58 N-D '58 (MIRA 11:12)

1. Iz Yakutskogo filiala (dir. Ye.N. Andreyev) Instituta tuberkuleza
AMN SSSR.

(TUBERCULOSIS--PREVENTIVE INOCULATION)

KOSTYUK, N.S.; KUZNETSOVA, S.A.

Moisture and intensity of the drying of milled peat from different
fractions. Trudy Inst. tom. AN BSSR 9:83-86 '80. (MIRA 14:2)
(Peat--Drying)

ACCESSION NO: AP4009146

S/0:90/64/006/001/0031/0033

AUTHORS: Kuznetsov, Ye. V.; Gil', A. P.; Shermergorn, I. M.; Kuznetsova, S. F.

TITLE: Synthesis of polyesters and polyamides on the basis of nitrophthalic acids by interfacial polycondensation

SOURCE: Vy*sokomolekulyarny*ye soyedineniya, v. 6, no. 1, 1964, 31-33

TOPIC TAGS: synthesis, polyester, polyamide, polycondensation, interfacial polycondensation, nitrophthalic acid, dichlorides of nitrophthalic acids, terephthalic acid

ABSTRACT: Solutions containing 0.2 Mol/liter of dichlorides of terephthalic-, nitroterephthalic-, 4-nitrophthalic-, and 3-nitrophthalic acids in *n*-xylene were reacted with aqueous solutions of 2,2-di-(4-oxyphenyl)propane (OPP) or hexamethylenediamine (HMD) of the same molar concentration in the presence of 0.45 Mol/liter of NaOH. The synthesis was conducted in a flask, with 10 minutes of energetic mechanical stirring. Following this, the obtained polyesters or polyamides were separated by filtration, washed with water, and dried to constant weight. The yield of the polyesters, obtained by the interaction of the dichlorides of nitroterephthalic and 4-nitrophthalic acids with OPP amounted to 86.8 and 36%, their

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ACCESSION NO: AP4009146

respective specific viscosities for 0.5% solutions in tricresol averaging 0.072 and 0.019. As to the polyamides synthesized from the dichlorides of nitroterephthalic-, 4-nitrophthalic-, and 3-nitrophthalic acids with HMD, their yields amounted to 88.0, 84.2, and 76.6%, with respective specific viscosities of 0.5% solutions in concentrated sulfuric acid averaging 0.352, 0.280, and 0.223. The higher yields and viscosities registered in the polyesters derived from the dichloride of nitroterephthalic acid as compared with the ones obtained on the basis of the dichloride of 4-nitrophthalic acid is attributed by the authors to the fact that the latter ingredient has its nitro group located in a meta-position in respect to the chloride group. A similar trend, although on a less pronounced scale, was observed in polycondensation products of dichlorides of nitrophthalic acids with EMD. Orig. art. has: 2 tables.

ASSOCIATION: Kazanskiy khimiko-tekhnologicheskii institut im. S. M. Kirova (Kazan Chemical-Technological Institute)

SUBMITTED: 07Jul62

DATE ACQ: 10Feb64

ENCL: 00

SUB CODE: CH

NO REF SOV: 006

OTHER: 003

Card 2/2

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APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928220014-3"

Sofya Gennikhovna

KUZNETSOVA, S. G., Cand Med Sci -- (diss) "On the effect of albomycin upon the macroorganism (experimental study)."

Saratov, 1957. 10 pp (Min of Health RSFSR, Saratov State Med Inst) (KL, 52-57, 112)

- 120 -

COUNTRY : USSR ✓
CATEGORY : Pharmacology, Toxicology. Chemotherapeutic Preparations
Antibiotics
ABS. JOUR. : RZhBiol., No. 12 1956, No. 56795
AUTHOR : Kuznetsova, S.G.
INST. : Saratov Medical Institute
TITLE : The Pharmacology of Albomycin

ORIG. PUB. : Sb. Nauchn. Rabot. Saratovsk. Med. In-t, Saratov, 1957,
70-77

ABSTRACT : Repeated (over a period of 20 days) subcutaneous injections of rabbits with albomycin (I) in a dose of 100 thousand units per kg per day, increased the weight gain and showed no influence on the blood pressure (BP) or the general state of the animals. Increasing the dose of I to 500 thousand units per kg per day produced a marked loss of weight and reduction in BP, as well as a deterioration in the general condition of the animals. Single intravenous injection of rabbits with I in a dose of 1-2 million units per kg reduced the BP. In experiments on vessels of the isolated heart, ears, post-

Card: 1/2

COUNTRY :
CATEGORY :
ABS. JOUR. : RZhBiol., No. 1956, No.
AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : erior extremities, liver, lungs, and kidneys of rabbits, as well as on the heart of cats and frogs in situ and on the isolated heart of the latter, it was shown that the BP under the influence of I is reduced because of the direct influence of I on the blood vessels themselves. -- A.I.Pines

Card: 2/2

KUZNETSOVA, S.G.

Blood sugar and the arteriovenous difference in sugar in hypothermia.
Trudy Sar. gos. med. inst. 26:116-118 '59. (MIRA 14:2)

1. Saratovskiy meditsinskiy institut, kafedra farmakologii (zav.-
dotsent B.G. Volynskiy).
(BLOOD SUGAR) (HYPOTHERMIA)

VOLYNSKIY, B.G.; FREYDMAN, S.L.; GLAZYRINA, G.A.; KUZ'MINA, K.A.;
KUŽNETSOVA, S.G.; GVOZDKOV, A.V.

Use of vitamins in some toxications under experimental conditions.
Trudy Sar. gos. med. inst. 26:119-121 '59. (MIRA 14:2)

1. Saratovskiy meditsinskiy institut, kafedra farmakologii
(zav. - dotsent B.G. Volynskiy).
(POISONS—PHYSIOLOGICAL EFFECT)
(VITAMIN THERAPY)

VOLYNSKIY, V.G.; FREYDMAN, S.L.; KUZNETSOVA, S.G.; KUZ'MINA, K.A.;
GVOZDKOV, A.V.

Influence of vitamin B12 on the course of experimental phosphorus
intoxication. Trudy Sar. gos. med. inst. 26:122-125 '59.
(MIRA 14:2)

1. Saratovskiy meditsinskiy institut, kafedra farmakologii
(zav.- dotsent B.G. Volynskiy).
(CYANOCOBALAMINE) (PHOSPHORUS--TOXICOLOGY)

VOLYNSKIYY B.G.; FREYDMAN, S.L.; BENDER, K.I.; KUZ'MINA, K.A.;
KUZNETSOVA, S.G.; MARTYNOV, L.A. (Saratov)

Prevention and treatment of radiation sickness in an experiment.
Med.rad. no.9:81 '61. (MIRA 15:1)
(RADIATION SICKNESS)

FURSAYEV, A.D., zasl. deyatel' nauki RSFSR, doktor biol. nauk
[deceased]; VORONINA, K.V.; VOLYNSKIY, B.G., kand. med.
nauk; FREYDMAN, S.L.; BENDER, K.I.; KUZ'MINA, K.A.;
MARTYNOV, L.A.; KUZNETSOVA, S.G.; VINNIKOVA, I.A., red.;
ZENIN, V.V., tekhn. red.

[Medical plants and their utilization in medicine] Lekar-
stvennye rasteniya i ikh primenenie v meditsine. [n.p.]
Izd-vo Saratovskogo univ., 1962. 202 p. (MIRA 16:6)
(BOTANY, MEDICAL)

ACC NR: AR7000600 (M) SOURCE CODE: UR/0417/66/000/010/0002/0002

AUTHOR: Volynskiy, B. G.; Beider, K. I.; Freydmann, S. L.; Kuznetsova, S. G.; Martynov, L. A.; Bogoslovskaya, S. I.

TITLE: Reaction of the organism to drugs during hypothermia

SOURCE: Ref. zh. Farmakol, khimioterapevt sredst, toksikol, Abs. 10.54.4

REF SOURCE: Tr. Saratovsk, med. in-ta, no. 40(66), 1966, 104-107

TOPIC TAGS: hypothermia, drug, respiratory drug, rabbit, reaction rate, blood, cardiac activity, tissue metabolism

ABSTRACT: The effects of some drugs on hemodynamics, respiration and tissue metabolism was studied in mice, rats and rabbits cooled to 19—20C. Caffeine (10 mg per kg) and euphyllin (4.8 mg per kg) have caused a stable decrease of AD and have depressed the tissue metabolism levels (the quantity of glycogen, ATP and electrolytes). Cordiamin (25 mg per kg) has also depressed the AD and interfered with the respiratory and cardiac activity. Lobeline did not affect the respiration. Bemegrade and KCl have lowered the AD and sharply inhibited

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UDC: 615.1

ACC NR: AR7000600

respiration. The effect of adrenaline and mesaton (0.1 mg per kg) on respiration and AD did not vary. Morphine (1 mg per kg) did not contribute to an increase of inhibiting effect of hypothermia on respiration and blood circulation. Hypoglycemic effect of insulin and spastic effect of strychnine and camphor was found to be weaker during hypothermia. A. Novik. [Translation of abstract] [AM]

SUB CODE: 06/

Card 2/2

KUZNETSOVA, S.I., redaktor

[European part of the U.S.S.R.] Evropeiskaja chast' SSSR. Otvetsvennyi redaktor Kuznetsova, S.I. Moskva, 1953. (MLRA 7:6)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geodesii i kartografii.
(Russia--Administrative and political divisions--Maps)

KUZNETSOVA, S. I.

"The Treatment of Suppurative Complications of Cranial Penetration Wounds at an Early Stage by N. N. Burdenko's Method of Intracarotid Introduction of Sulfidin and Penicillin." Sub 15 Feb 51, Acad Med Sci USSR.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55.

Cand. Medical Sci.

ARENDT, A.A.; KUZNETSOVA, S.I.

Observations on prolonged drainage of the lateral cerebral
ventricles in neurosurgical practice. Vop.neirokhir.19 no.4:
3-9 J1-Ag '55. (MLRA 8:10)

1. Iz Nauchno-issledovatel'skogo ordena Trudovogo Krasnogo
Znameni instituta neyrokhirurgii imeni akad.N.N.Burdenko
Akademii meditsinskikh nauk SSSR

(DRAINAGE,
cerebral ventricles, prolonged)
(CEREBRAL VENTRICLES,
drainage, prolonged)

KUZNETSOVA, S.I.

Water-salt and carbohydrate metabolism in brain tumors [with summary
in English, p.64]. Vopr.neirokhir. 22 no.4:37-41 JI-Ag '58
(MIRA 11:9)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni
institut neyrokhirurgii imeni akad. N.N. Burdenko AMN SSSR.

(BRAIN NEOPLASMS, metabolism.

water-electrolyte & carbohydrate metab. (Rus))

(BODY FLUID BALANCE, in var. dis.

brain tumors (Rus))

(CARBOHYDRATE, metab.

in brain tumors (Rus))

KUZNETSOVA, S.I., kand.med.nauk

Pathology of the cerebrospinal fluid system in tumors and inflammatory diseases of the brain. Probl.sovr.neirokhir. 4*
21-24 '62. (MIRA 16:2)
(BRAIN—TUMORS) (ENCEPHALITIS) (CEREBROSPINAL FLUID)

KUZNETSOVA, S.I.

Changes in the content of chlorides and sugar in the blood and cerebrospinal fluid in tumors and inflammatory diseases of the brain. Probl. sovr. neirokhir. 2:131-137'57. (MIRA 16:6)
(CHLORIDES IN THE BODY) (SUGAR IN THE BODY)
(BRAIN--DISEASES)

KUZNETSOVA, S.I.

Observations of cerebrospinal fluid dynamics during prolonged drainage of the lateral ventricles of the brain.
Probl. sovr.neirokhir. 2:124-130'57. (MIRA 16:6)
(CEREBROSPINAL FLUID) (DRAINAGE, SURGICAL)

KUZNETSOVA, S.M. (Kamyshlov)

Mobilizing the resources to welcome the 22d Congress of the CPSU
with suitable achievements. Shvein.prom. no.5:6-7 JI-Ag [i.e.S-0]
'61. (MIRA 14:10)

(Kamyshlov--Clothing industry)

KUZNETSOVA, S.M.

Long term observation of patients with terminated effective artificial
pneumothorax. Probl.tub. no.5:30-37 S-O '53. (MIRA 6:12)

1. Iz Leningradskogo nauchno-issledovatel'skogo tuberkuleznogo instituta
(direktor A.D.Semenov). (Pneumothorax)

KUZNETSOVA, S.M.

Some problems in the epidemiology of Botkin's disease based on
material from Oktyabr' District, Leningrad, for 1953. Trudy
ISGMI 45:108-113 '58 (MIRA 11:11)

1. Kafedra epidemiologii Leningradskogo sanitarno-gigiyenicheskogo
meditsinskogo instituta (zav. kafedroy - prof. V.A. Bashenin).
(LENINGRAD--HEPATITIS, INFECTIOUS)

KUZNETSOVA, S.M., prof. (Leningrad, Kolomenskaya ul., d.25, kv.3)

Indications for pneumonectomy and lung resection in tuberculosis and immediate and late results [with summary in English]. Vest. khir. 80 no.3:24-36 Mr '58. (MIRA 11:4)

1. Iz Leningradskogo instituta tuberkuleza (dir. - prof. P.G. Kornev)

(PNEUMONECTOMY, in various dis.
pulm. tuberc., indic. & immediate & remote results (Rus))

ACC NR: AP7001365

(A)

SOURCE CODE: UR/0413/66/000/021/0032/0032

INVENTOR: Gus'kov, A. K.; Bobkov, S. S.; Gribov, A. M.; Kolchin, I. K.; Zhakov, V. A.;
Kovalev, N. I.; Lisunova, M. B.; Sokolova, V. A.; Kuznetsova, S. N.; Butusova, V. A.

ORG: none

TITLE: Preparative method for a catalyst. Class 12, No. 187738

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 21, 1966, 32

TOPIC TAGS: acrylonitrile, chemical synthesis, catalyst preparation, *catalysis*

ABSTRACT: An Author Certificate has been issued for a preparative method for a catalyst for the synthesis of acrylonitrile by oxidative ammonolysis of propylene. A carrier with improved strength and heat resistance is prepared by molding, drying and heating to 1200—1250 a mixture of Kaolin and α -alumina. The carrier is subsequently impregnated with bismuth, molybdenum, and phosphorus compounds. [BO]

SUB CODE: 07/ SUBM DATE: 01Apr64/. ATD PRESS: 5109

Card 1/1

UDC: 66.094.373

KUZNETSOVA, S. P.

27988. KUZNETSOVA, S. P. -- K voprosu ob oksigenoterapii v klinike khirurgicheskikh zabolevaniy. Yubileynyy zhurnal khirurg. Rabot, Posvyashch. Prof. Shilovtsevu. Kuybyshev, 1949, S. 166-79. KUZNETSOVA, S. P. -- Oslozheniya so storony pociok pri ognestrel'nykh khronicheskikh osteomielitakh. Str. 27928.

SO: Lotopis' Zhurnal'nykh Statey. Vol. 37, 1949.

KUZNETSOVA, S. P.

27928. KUZNETSOVA S. P. -- Oslozhneniya so storony pochetk pri ognestrel'nykh khronicheskikh osteomielitakh. Trudy pervoy nauch. Mezhpresp. Konf-tsiy po lecheniyu invalidov otechestv. Voyny v sred. Azii, tashkent. 1949, S. 181-87.

SO: Ietopis' Zhurnal'nykh Statey. Vol. 37, 1949.

ZHOYRO, I.D.; KUZNETSOVA, S.P.

Perforation of the kidney and ureters in retrograde pyelography. Vest.
rent. i rad. 39 no.4:53-56 J1-Ag '64. (MIRA 18:7)

1. Kafedra urologii (zav. - dozent A.A.Koysman) Tashkentskogo instituta
usovershenstvovaniya vrachey i urologicheskoye otdeleniye Gorodskoy
bol'nitsy No.15, Tashkent.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928220014-3

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928220014-3"

L 143-1-65
ACCESSION NR: AP4046446

... of $\pm 10\%$. When irradiating heavy animals with
300-Mev protons, secondary radiations ...
dose expressed in rads. The composition of radiation within the
phantom should be investigated further. Orig. art. has: 5 figures
and 2 tables.

BORODKIN, V.F.; KUZNETSOVA, S.S.

Dyeing with azo dyes containing methyl sulfonic ester groups.
Izv.vys.ucheb.zav.; tekhn.tekst.prom. no.4:80-83 '61. (MIRA 14:9)

1. Ivanovskiy khimiko-tehnologicheskii institut.
(Dyes and dyeing--Textile fibers)

BORODKIN, V.F.; KUZNETSOVA, S.S.

Preparation and properties of dyes with methylsulfoester groups.
Izv.vys.ucheb.zav.; khim.i khim.tekh. 5 no.1:141-149 '62.

(MIRA 15:4)

1. Ivanovskiy khimiko-tehnologicheskii institut, kafedra
tehnologii krasiteley i poluproduktov.
(Dyes and dyeing)

BORODKIN, V.F.; KUZNETSOVA, S.S.; SMIRNOV, L.N.

Sulfoxymethylation of pigments. Izv.vys.ucheb.zav.;khim.i khim.tekh.
6 no.5:847-850 '63. (MIRA 16:12)

1. Ivanovskiy khimiko-tehnologicheskii institut, kafedra tekhnologii krasiteley i promezhutochnykh produktov.

KUZNETSOVA, S. S., LITVINOVA, E. G., SOKOLOVA, I. K., STUKINA, L. E.,
AFANAS'YEV, V. P., KEYRIM-MARKUS, I. B.,

"Production and investigation of dose fields for irradiation of experimental animals
with protons of high energy"

report to be submitted for the Symposium on Biological Effects of Neutron Irradiations
(IAEA), Upton Long Island, N. Y., 7-11 Oct 63.

L 3447-66 EWT(m)/EPF(c)/T/EWP(t)/EWP(b) IJP(c) JD/GS
 ACCESSION NR: AT5020488 UR/0000/64/000/000/0414/0421

59
55
B+1

AUTHORS: Kopinets, I. F.; Kuanetsova, S. T.; Chepur, D. V.

TITLE: The effect of adsorption of the vapors of certain substances on the photoelectric properties of mercuric iodide

SOURCE: Meshvuzovskaya nauchno-tekhnicheskaya konferentsiya po fizike poluprovodnikov (poverkhnostnyye i kontaktnyye yavleniya). Tomsk, 1962.
Poverkhnostnyye i kontaktnyye yavleniya v poluprovodnikakh (Surface and contact phenomena in semiconductors). Tomsk, Izd-vo Tomskogo univ., 1964, 414-421

TOPIC TAGS: adsorption, mercuric iodide, photoelectric property, carbon dioxide, methane, hydrogen peroxide, ammonia, benzene, methanol, ethanol, ether, acetone, cryostat, dark conductivity, semiconductor/ ML7/9 galvanometer

ABSTRACT: Experiments were performed on the effect of adsorption of carbon dioxide, methane, water, hydrogen peroxide, ammonia, benzene, methanol, ethanol, ether, and acetone on the dark conductivity, static characteristics, and kinetics of the photoconductivity of single crystals and polycrystalline ingots of red mercuric iodide. The work was performed to obtain information on the effect of surface phenomena on the above characteristics of red HgI₂. Specimens with thick-

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L 3447-66

ACCESSION NR: AT5020488

nesses of from 1-2 to 0.01 mm--prepared by sublimation from the gaseous phase--were studied in a cryostat, and the conductivity was measured with an M17/9 galvanometer. It was found that adsorption of vapors of carbon dioxide, methane, water, benzene, and ether have little effect on the dark conductivity, effective carrier lifetime, and quantum yield of HgI_2 , while vapors of methanol, ethanol, acetone, hydrogen peroxide, and ammonia increase the photo- and dark conductivity, effective carrier lifetime, and quantum yield. This increase was interpreted on the basis of F. F. Vol'kenshteyn's theory of chemisorption (Elektronnaya teoriya kataliza na poluprovodnikakh, Fizmatgiz, 1960) by free electrons and holes, as well as by excitons, with the latter dominating. Orig. art. has: 4 graphs, 1 figure, and 3 formulas.

ASSOCIATION: Ushgorodskiy gosuniversitet (Ushgorod State University)

SUBMITTED: 060ct64

ENCL: 00

SUB CODE: SS

NO REF SOV: 005

OTHER: 003

Card 2/2

Кузнецова, С. В.

IVANOVA, N.I., kandidat tekhnicheskikh nauk; KUZNETSOVA, S.V., inzhener.

Heat exchange in the burners of locomobile boilers. Trudy TSNII MPS
no.135:164-176 '57. (MLRA 10:8)

(Burners)

L 31331-66 EWT(1)/T JK

ACC NR: AP6022580

(A,N)

SOURCE CODE: UR/0346/66/000/001/0016/0018

AUTHOR: Kuznetsova, S. V.; Syusyukina, M. S.; Shchodrin, Ye. L.; Kuznetsov, V. N.ORG: All-Union Scientific Research Foot-and-Mouth Disease Institute (Vsesoyuznyy nauchno-issledovatel'skiy yashchurnyy institut) 28TITLE: Biochemical indices in cultivation of foot-and-mouth disease virus B

SOURCE: Veterinariya, no. 1, 1966, 16-18

TOPIC TAGS: foot and mouth disease, virus, virology, amino acid

ABSTRACT: Research was carried out to study the dynamics of nitrogen and phosphorus metabolism and the pH of the medium for cultivating the foot-and-mouth disease virus in a suspension of cattle kidney cells. It was found that marked shifts occurred in the indices of nitrogen and phosphorus metabolism. The content of amino nitrogen in the inoculated suspension reached a maximum after 24 hours of cultivation of the virus, increasing more than 23% over the initial value. The amount of residual nitrogen in the same interval increased more than 24% over the initial value. There was a sharp increase in the amount of alanine (from 0.041 to 0.167 mg%) and glutamic acid (from 0.051 to 0.093 mg%), while the content of tyrosine, threonine and leucine declined; this can be considered a reflection of the processes of re-synthesis during reproduction of the virus. The amount of inorganic phosphorus in the inoculated suspension increased 31.3% over the initial value, while

Card 1/2

UDC: 619.616.988.43-093.35

0915

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L 31331-66

ACC NR: AP6022580

at the same time it increased 16.4% in the control suspension. Shifts in the pH of the medium to acid were more marked in the control than in the inoculated suspension. This depends on the concentration of live cells and might reflect the intensity of their metabolism. [JPRS]

SUB CODE: 06 / SUEM DATE: none / ORIG REF: 002 / OTH REF: 009

Card 2/29

IVANOVA, N.I., kand. tekhn. nauk; KUZNETSOVA, S.V., inzh.

Study of heat exchange in gas operated furnaces of small boilers.
Trudy TSNII MPS no.228:45-70 '62. (MIRA 15:7)
(Boilers) (Heat-Transmission)

KUZNETSOVA, S. V.

Kuznetsova, S. V. "Material on the methodology of bacteriological control of the blood in transfusion," Trudy Kirovskogo in-ta epidemiologii i mikrobiologii, Collection 2, 1948, p. 122-38, - Bibliog: 29 items.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

KUZNETSOVA, S. V.

Kuznetsova, S. V. "Material on the study of the susceptibility to diphtheria of certain groups of organized children in the city of Kirov," Trudy Kirovskogo in-ta epidemiologii i mikrobiologii, Collection 2, 1948, p. 150-54, - Bibliog: 8 items.

SO: U- 3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

KUZNETSOVA, T.A., inzh.; SINITSIN, N.A., inzh.

Prospects for development of the peat industry in 1959-1965. Torf.
prom. 35 no.8:1-5 '58. (MIRA 11:12)
(Peat industry)

KUZNETSOVA, T. A.

KUZNETSOVA, R. A. -- "Specialization of the Species *Puccinia glumarum* and the Role of Herbaceous Grasses in Transmitting Infections to Grain Cultures." All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin. All-Union Sci Res Inst of Plant Conservation. Leningrad, 1955. (Dissertation for the Degree of Candidate in Biological Sciences)

SOURCE *Knizhnaya Letopis'*, No 6 1956

SOV/137-58-12-24480

Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 12, p 75 (USSR)

AUTHORS: Popov, V. A., ~~Kuznetsova, T. A.~~, Khoroshkov, D. Ye., Gershoyg, Ya. I.

TITLE: Cold Extrusion of Electrodes (Kholodnoye vydavlivaniye elektrodov)

PERIODICAL: Avtomob. prom-st', 1958, Nr 4, pp 26-27

ABSTRACT: Electrodes (E) used for spot welding are made of Cu, Cu-Cd, and Cu-Cr-Zn alloys. Manufacture by turning and drilling on lathes led to loss of up to 55% of the feed material in the chip. Cold E extrusion from sized rods on 25-t P-462 hydraulic presses has been developed by Nitavtoprom and the Moscow Small-automobile Plant. A detailed description is provided of the E manufacturing process, the design of the dies, the material of which they are made, and the mode of manufacture. Cold E extrusion is accompanied by an increase in the strength and hardness of the working portion of the E, with the result that service life is lengthened by 11%.

I. K.

Card 1/1

KUENETSOVA, T.A.

Pressing tasks for medical workers in children's homes. Med.sestra no.2:
3-7 F '54. (MLRA 7:1)

1. Stazhiy inspektor Glavnogo upravleniya lechebno-profilakticheskoy
pomoshchi detyam i materyam Ministerstva zdavookhraneniya SSSR.
(Children--Care and hygiene) (Children--Institutional care)

RAVICH-BIRGER, Ye.D.; KUZNETSOVA, T.A.

Specificity of phagocytosis with Serabriiskii's antigens in dysentery. Zhur.mikrobiol.epid.i immun. no.3:39-43 Mr '55. (MLRA 8:7)

1. Iz Moskovskogo instituta epidemiologii, mikrobiologii i gii-giyeny (dir. M.G.Kashtanova, nauchnyy rukovoditel' prof. V.A. Chernokhvestov).

(DYSENTERY, BACILLARY, diagnosis,
serol., phagocytosis)

(PHAGOCYTOSIS,
diag. of bacillary dysentery)

KUZNETSOVA, T.A.

Osteoid osteomas. Vest. rent i rad no.6:69-73 N-D '55 (MLRA 9;4)

1. Is kostno-khirurgicheskoy otdeleniya (sav.-dotsent K.Ye. Pokotilov)
Moskovskogo oblastnogo nauchno-issledovatel'skogo tuberkuleznogo
instituta (dir.-N.P. Guraskiy. zam. dir. po nauchnoy chasti-prof.
D.D. Aseyev)

(OSTEOMA, OSTHOID
clin. aspects & pathol.)

KUZNETSOVA, T. A.
First Moscow Order of Lenin Medical Inst imeni I. M. Sechenov.

KUZNETSOVA, T. A.- "Tuberculous trochanteritis (clinical-roentgenological-anatomical comparisons)." First Moscow Order of Lenin Medical Inst imeni I. M. Sechenov. Moscow, 1956. (Dissertation for the Degree of Candidate in Medical Sciences)

SO: Knizhnaya Letopis', No. 20, 1956

KUZNETSOVA, T.A.

Problem of roentgenodiagnosis of tuberculous trochanteritis [with summary in French]. Probl.tub. 34 no.6:26-31 N-D '56. (MLRA 10:2)

1. Iz Moskovskogo oblastnogo nauchno-issledovatel'skogo tuberkuleznogo instituta (dir. S.A.Chesnokov, zam. direktora po nauchnoy chasti - prof. D.D.Asyev)

(TUBERCULOSIS, OSTEOARTICULAR, diagnosis, trochanter, x-ray (Rus))

KUZNETSOVA, T.A., kand.med.nauk

X-ray diagnosis of tuberculous changes in the soft tissue
surrounding the trochanter major. Probl. tub. 41 no. 10:68-71
'63. (MIRA 17:9)

1. Iz 2-y kafedry rentgenologii (zav. - prof. Yu.N.Sokolov)
TSentral'nogo instituta usovershenstvovaniya vrachey.

KUZNETSOVA, T.A.

Case of a metastasizing adenoma of the thyroid gland. Trudy TSIU
62:28-31 '63. (MIRA 18:3)

1. II kafedra rentgenologii i meditsinskoj radiologii (zav. prof.
Yu.N.Sokolov) Tsentral'nogo instituta usovershenstvovaniya vrachey.

KUZNETSOVA, T.A., kand. med. nauk

Importance of diaphragmed photographs in X-ray diagnosis of
bone diseases. Vest. rent. i rad. 40 no.2:23-27 Mr-Apr '65.

(MIRA 18:6)

1. 2-ya kafedra rentgenologii (zav... prof. Yu.N. Sokolov)

TSentral'nogo Instituta usovershenstvovaniya vrachey, Moskva.

KUZNETSOVA, T.A.

Pollen from Kamyshin sediments in the middle Volga Valley.

Biul. MOIP. Otd. geol. 40 no.4:75-79 J1-Ag '65.

(MIRA 18:9)

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CIA-RDP86-00513R000928220014-3"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928220014-3

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928220014-3"

KAZAKOVA, I.I.; ALEKSEYENKO, V.I., doktor tekhn.nauk; MISHUSTIN, I.U., kand.
tekhn.nauk; KVNETSOVA, T.A.

Processing of polymers into film materials. Zhur. VKHO 10 no. 7:160-
164 '65. (MIRA 18:5)

KUZNETSOVA, T.A.

Spore-pollen complexes in Pliocene sediments near Omarskiy Pochinok
in the Kama Valley. Izv. Kazan. fil. AN SSSR. Ser. geol. nauk
no. 7:183-195 '59. (MIRA 14:4)

(Kama Valley--Palynology)

3(0)

AUTHOR:

Kuznetsova, T. A.

SOV/20-124-1-53/69

TITLE:

Spore and Pollen Complexes From Pliocene Deposits of the Lower Kama (Sporovo-pyl'tsevyye komplekсы plitsenovykh otlozheniy Nizhney Kamy)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 124, Nr 1, pp 187-190 (USSR)

ABSTRACT:

The spore and pollen material collected from the strata mentioned (Refs 1-3) is not sufficient for stratigraphic purposes. Further investigations are important since the sandy-clayey fresh water deposits lack a fauna with guide fossils. As a result the correlation of individual horizons is made more difficult. The author endeavours to discover regularities of the pollen and spore distribution in the section, so that they can be used for the correlation of the marine and continental masses. For this purpose the study began on those known deposit sections which contain a faunal groundwork (Akchagyl'skiy Stage). Within the Akchagyl'skiy stage the Lower and Upper Akchagyl'skiy substages are eliminated. These two substages as well as the Apsheronkiy Stage contain spore-pollen assemblages which are different from each other (Table 1) and can doubtlessly be used for

Card 1/3

Spore and Pollen Complexes From Pliocene
Deposits of the Lower Kama

SOV/20-124-1-53/69

stratigraphic correlations. The following picture of the change in Upper Pliocene vegetation in the investigated region can be reconstructed, based on the data. During Lower Akchagyl'skiy time the Lower Kama region was covered by a needle forest of a Tayga type. In addition to pine (*Pinus*), spruce (*Picea*), fir (*Abies*), *Tsuga*, larch (*Larix*), and cedar (*Cedrus*) summer deciduous tree species occurred in the forest assemblage: birch (*Betula*), alder (*Alnus*), willow (*Salix*), lime tree (*Tilia*), elm (*Ulmus*), oak (*Quercus*), and maple (*Acer*) with a hazel-nut (*Corylus*) and heath (*Calluna*) undergrowth. Islands of relic forms preferring a warm climate still remained at individual places: *Taxodiaceae*, *Cupressaceae*, *Fagaceae*, *Juglandaceae*. The herbaceous stage in this Tayga forests consisted mostly of ferns (*Filices*), mosses (*Musci*), and club mosses (*Lycopodiales*) (Fig 1, method of V. P. Grichuk). Grasses covered individual parts of the slopes on water sheds and river valleys, but there was not a thick cover of grass. During Upper Akchagyl'skiy time, at the climax of the Akchagyl'skiy transgression, the climate was somewhat colder. As a result the needle forest prevailed. When the sea

Card 2/3

Spore and Pollen Complexes From Pliocene
Deposits of the Lower Kama

SOV/20-124-1-53/69

retreated the climate became warmer, and the herbaceous plants populated the previous sea floor. After that the summer deciduous Turgayskaya flora occurred more and more with the herbaceous plants in the forest association. Flowering plants prevailed among the herbaceous plants (Table 1, Figure 1). They were the source of pit-coal in swamps and forest thickets. There are 1 figure and 4 Soviet references.

ASSOCIATION: Geologicheskii institut Kazanskogo filiala Akademii nauk SSSR
(Geological Institute of the Kazan' Branch of the Academy of Sciences, USSR)

PRESENTED: August 6, 1958, by V. N. Sukachev, Academician

SUBMITTED: August 3, 1958

Card 3/3

KUZNETSOVA, T. A., CAND GEOL-MIN SCI, "SPORE AND POLLEN
SPECTRA OF UPPER PLIOCENE DEPOSITS OF THE CENTRAL VOLGA
AREA AND THEIR SIGNIFICANCE ^{for} STRATIGRAPHY." KAZAN',
1960. (MIN OF HIGHER AND SEC SPEC ED RSFSR, KAZAN' ORDER
OF LABOR RED BANNER STATE UNIV IM V. I. UL'YANOV-LENIN).
(KL, 3-61, 207).

KUZNETSOVA, T.A.

Recent data on the flora of Akchagyl deposits in the middle Volga Valley. Dokl.AN SSSR 133 no.5:1158-1160 Ag '60. (MIRA 13:8)

1. Geologicheskij institut Kazanskogo filiala Akademii nauk SSSR.
Predstavleno akad. V.N. Sukachevym.
(Korneyevka region--Paleobotany, Stratigraphic)

DEDKOV, A.P.; KUZNETSOVA, T.A.

Kindyakova pebbles and some problems of the paleogeography of the
Volga Valley protion of Ul'yanovsk. Uch.zap.Kaz.un. 121 no.6:62-
90 '61. (MIRA 14:10)
(Ul'yanovsk region--Pebbles) (Paleogeography)

KUZNETSOVA, T.A.

Pollen flora of Pliocene deposits near the village Podgornyy Baylyar
in Tatarstan. Dokl.AN SSSR 138 no.6:1421-1423 Je '61.

(MIRA 14:6)

1. Geologicheskii institut Kazanskogo filiala AN SSSR. Predstavleno
akademikom V.N.Sukachevym.

(Podgornyy Baylyar region --Palynology)

KUZNETSOVA, T.A.

History of the development of Upper Pliocene vegetation in the middle Volga region. Dokl. AN SSSR 145 no.1:160-163 JI '62.

(MIRA 15:7)

1. Geologicheskii institut Kazanskogo filiala AN SSSR. Predstavleno akademikom V.N. Sukachevym.

(Volga Valley—Paleobotany, Stratigraphic)

KUZNETSOVA, T.A.

Recent data on the Pliocene of the region of Russkaya Bektyashka on the right bank of the Volga. Dokl. AN SSSR 148 no.3:668-671 Ja '63. (MIRA 16:2)

1. Geologicheskiy institut Kazanskogo filiala AN SSSR. Predstavleno akademikom V.N. Sukachevym.
(Russkaya Bektyashka region—Geology, Stratigraphic)

KUZNETSOVA, T.A.

Paleofloristic characteristics of Upper Pleocene sediments in the
trans-Volga portion of Mari. Dokl. AN SSSR 161 no.2:425-427 Mr
'65. (MIRA 18:4)

1. Geologicheskii institut, Kazan'. Submitted July 20, 1964.

ACC NR: AP7006248

SOURCE CODE: UR/0079/67/037/001/0255/0260

AUTHOR: Sokolov, B. A.; Grishko, A. N.; Kuznetsova, T. A.; Kositsyna, E. I.; Zhuk, L. V.

ORG: Irkutsk Polytechnic Institute (Irkutskiy politekhnicheskiy institut); Irkutsk Institute of Organic Chemistry, Siberian Branch, Academy of Sciences, SSSR (Irkutskiy institut organicheskoy khimii Sibirskogo otdeleniya Akademii nauk SSSR)

TITLE: Studies in the area of fluoroorganosilicon compounds. Part 3: Reactions of fluoro- and chlorosilanes with phenylacetylene

SOURCE: Zhurnal obshchey khimii, v. 37, no. 1, 1967, 255-260

TOPIC TAGS: silane, fluorinated organic compound, chlorinated organic compound, organosilicon compound, acetylene compound

ABSTRACT: In order to study further the addition of fluorosilanes to unsaturated organic compounds, particularly acetylenic ones, and also to synthesize alkenylsilanes, the addition of methylpropyl-, methylisobutyl, methylbutylfluorosilanes and also of the corresponding chlorosilanes to phenylacetylene in the presence of Speler's catalyst was carried out. In all cases, the addition was found to form a mixture of α - and β -substituted styrenes:

Card 1/2

UDC: 547.245+547.314

ACC NR: AP7006249

SOURCE CODE: UR/0079/67/037/001/0260/0264

AUTHOR: Sokolov, B. A.; Grishko, A. N.; Kuznetsova, T. A.; Sultangarayev, R. G.

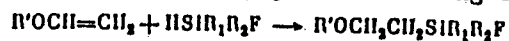
ORG: none

TITLE: Studies in the area of fluoroorganosilicon compounds. Part 4: Synthesis of oxygen-containing fluoroorganosilicon compounds

SOURCE: Zhurnal obshchey khimii, v. 37, no. 1, 1967, 260-264

TOPIC TAGS: vinyl compound, silane, fluorinated organic compound, ether

ABSTRACT: The addition of various fluorosilanes of the general formula $\text{HSiR}_1\text{R}_2\text{F}$ to vinyl isopropyl, vinyl butyl, vinyl isoamyl, vinyl phenyl ether and vinyl ethers of 1,3-dioxolanes in the presence of a 0.1 M solution of chloroplatinic acid in isopropyl alcohol was studied. In all cases except that of vinyl phenyl ether, the addition of fluorosilanes occurs in 80-90% yield according to the reaction



In the case of vinyl phenyl ether, the addition according to the above reaction is associated with the formation of $\text{R}'\text{OSiR}_1\text{R}_2\text{F}$. The twenty-one new compounds which were synthesized are shown in Tables 1 and 2. Vinyl ethers of 1,3-dioxolanes were kindly

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UDC: 547.245+547.371