KOZ'MINA, N.P., prof., doktor biol. nauk; IL'INA, V.N., kand.biol.nauk; BUTMAN, L.A., nauchnyy sotrudnik; NAUMOVA, A.T., nauchnyy sotrudnik

Isolating the proteins of grain and legume seeds through fractionation of flour by specific weight. [Trudy] VNIIZ no.35: 104-111 '58. (MIRA 11:10)

1. Vsesoyuznyy nauchno-issledovatel'skoy institut zerna i produktov yego pererabotki.
(Proteins) (Flour--Analysis)

KOZ'MINA, Natal'ya Petrovna, prof., doktor biolog.nauk, zasluzhennyy deyatel' nauki; GEL'MAN, D.Ya., red.; VOLKOV, P.N., red.; SAVEL'YEVA, Z.A., tekhred.

[Biological principles underlying the improvement of grain quality] Biokhimicheskie osnovy uluchsheniia kachestva zerna. Moskva, Izd-vo tekhn. i ekon.lit-ry po voprosam mukomol'no-krupianoi, kombikormovoi promyshl. i elevatorno-skladskogo khoz., 1959. 402 p. (MIRA 13:5)
(Bread)

KOZ'MINA, N., prof., doktor, zasluzhennyy deyatel' nauki

Technical progress and tasks of scientific workers in grain storage and processing during the current seven-year plan. Muk.- elev. prom. 25 no.10:3-7 O '59. (MIRA 13:3)

1. Direktor Vsesoyuznogo nauchno-issledovatel'skogo instituta zerna i produktov yego pererabotki (VNIIZ).
(Grain--Storage) (Grain elevators--Equipment and supplies)

KOZ'MINA, N., doktor biol. nauk, prof.

Old mistakes in a new book ("Study of grain products" by A.N. Rukosuev, V.V. Smirnova. Reviewed by N. Koz'mina). Sov. torg. 33 no.12:29-30 D '59. (MIRA 13:2)
(Cereal products) (Rukosuev, A.N.) (Smirnova, V.V.)

KOZ'MINA, N.P., doktor biologicheskikh nauk; IL'INA, V.N., kand. biologicheskikh nauk; NAUMOVA, A.T., nauchnyy sotrudnik

Micromethod for determining gluten in wheat grain. Trudy VNIIZ no.38:129-141 '60. (MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zerna.
(Wheat--Analysis and chemistry) (Gluten)

KOZ'MINA, Natal'ya Petrovna, doktor biolog. nauk, prof.; AVERINA, T.I., red.; SAVEL'YEVA, Z.A., tekhn. red.

[Grain and grain products] Zerno i produkty ego pererabotki. Moskva, Izd-vo tekhn. i ekon.lit-ry po voprosam zagotovok, 1961. 519 p. (MIRA 15:3)

(Grain)

KOZ'MINA, N., professor-doktor

Scientific research should contribute to the solution of new problems. Muk-elev.prom. 28 no.3:1-2 Mr '62. (MIRA 15:4)

1. Direktor Vsesoyuznogo nauchno-issledovatel'skogo instituta zerna i produktov yego pererabotki.
(Field crops)

KOZMINA, N. P. (Prof., Dr.)

"The Educational Program and the Line of Research and Development of the Scientific All-Union Research Institute for Cereals and Cereal Products of the USSR."

report to be submitted for the special meeting of the Inst. of Cereal Processing, of the GDR, Potsdam. June 1963.

KOZ'MINA, Nataliya Petrovna; LYUBARSKIY, Lev Nikolayevich; GRIGOR'YEVA, A.I., red.; GUREVICH, M.M., tekhn. red.

[Grain and its quality evaluation]Zerno i otsenka ego kachestva. Moskva, Sel'khozizdat, 1962. 149 p. (MIRA 16:2)
(Grain—Analysis and chemistry)

SHCHERBAKOV, Vladimir Grigor'yevich; KOZ'MINA, N.P., doktor biol. nauk, prof., retsenzent; ABDURAKHIMOV, A.A., kand. tekhn. nauk, retsenzent; AVRAMENKO, I.Ya., inzh.-tekhnolog, retsenzent; MOROZOVA, I.I., red.; KISINA, Ye.I., tekhn. red.

[Biochemistry and the commercial study of oil raw materials] Biokhimiia i tovarovedenie maslichnogo syr'ia. Moskva, Pishchepromizdat, 1963. 351 p. (MIRA 16:11)

1. Kafedra tekhnologii zhirov Tashkentskogo politekhnicheskogo instituta (for Abdurakhimov).
(Oilseed plants--Analysis and chemistry)

KOZMINA, N. P.

"The determination of the hardness of grain--actual state of the problem."

report to be submitted for the 1964 Congress, Intl. Cereal Chemistry Association, Vienna Austria, 24-27 June 1964.

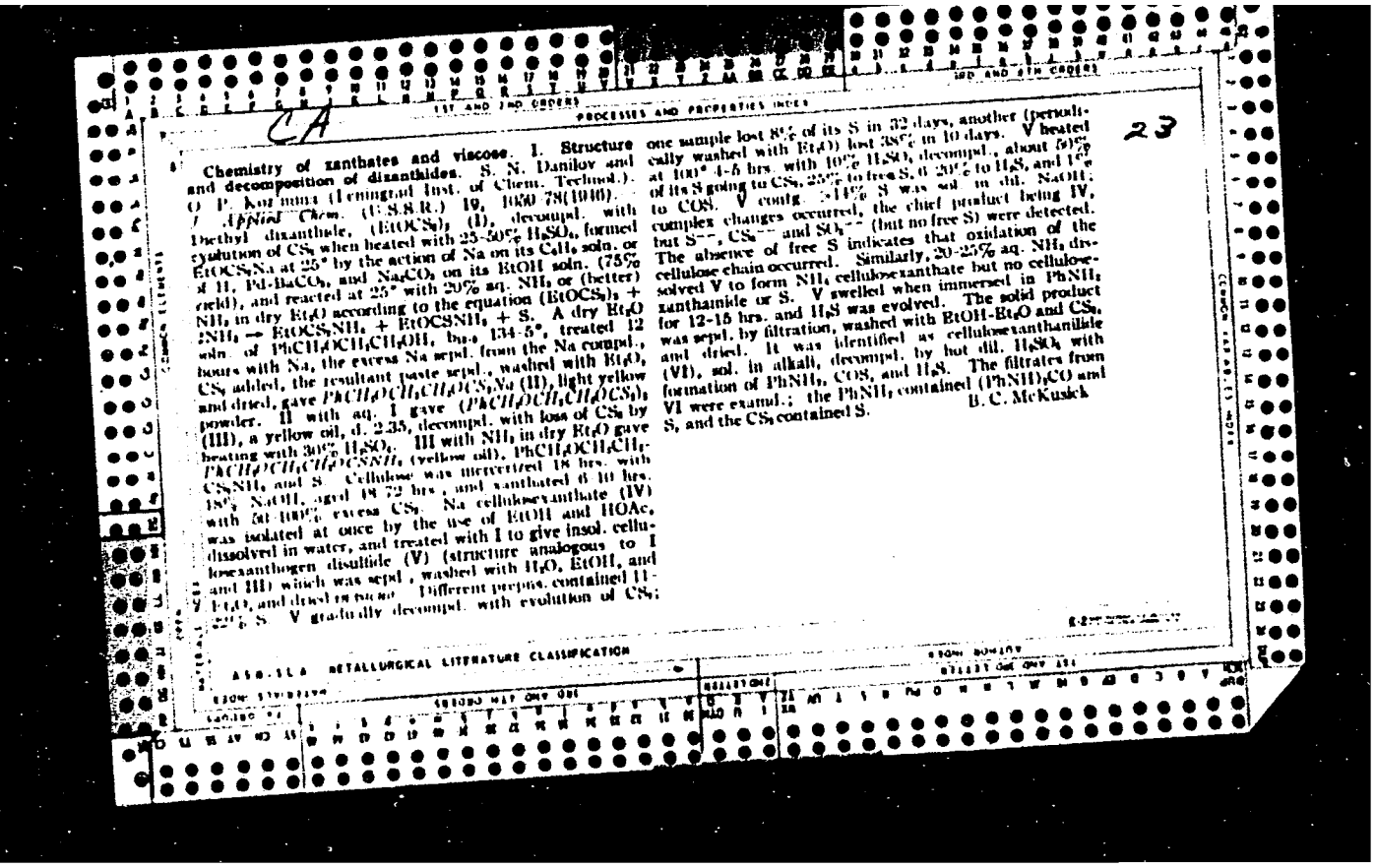
KOZ'MINA, [illegible], prof.

Biochemical methods for the improvement of bread quality.
Khar. VUKO 10 no.3:265-276 '65. (MIRA 18:8)

KOZ'MINA, N.Yu., inzh., red.; KRICHEVSKIY, Ya.M., red.; FILIPPOVICH, P.V., red.; PETROV, S.P., tekhn.red.

[Metallurgical production] Metallurgicheskoe proizvodstvo. Moskva, TSentr. biuro tekhn. informatsii, 1957. 47 p. (MIRA 11:4)

1. Moscow. TSentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya.
(Metallurgy)



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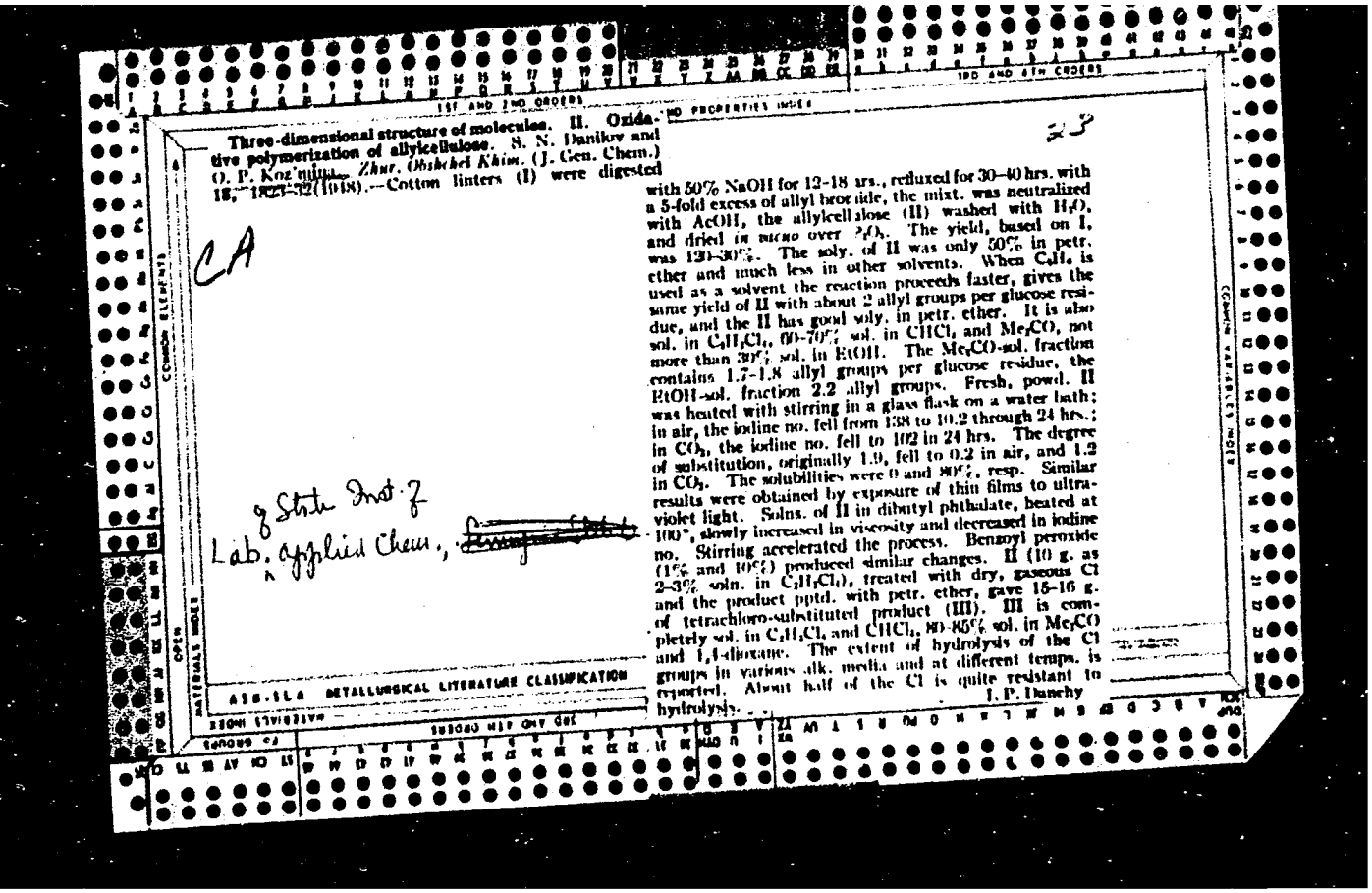
Chemistry of xanthates and viscose. I. Structure and decomposition of dixanthides. S. N. Danilov and O. P. Korinna (Leningrad Inst. of Chem. Technol.). *J. Applied Chem.* (U.S.S.R.) 19, 1050-78(1946). Diethyl dixanthide, $(EtOCS)_2$ (I), decompd. with evolution of CS_2 when heated with 25-50% H_2SO_4, formed $EtOCS_2Na$ at 25° by the action of Na on its CaH_2 soln. or of H, Pd-$BaCO_3$, and Na_2CO_3 on its EtOH soln. (75% yield), and reacted at 25° with 20% aq. NH_3 or (better) NH_3 in dry Et_2O according to the equation $(EtOCS_2)_2 + 2NH_3 \rightarrow EtOCS_2NH_4 + EtOCSNH_2 + S$. A dry Et_2O soln. of $PhCH_2OCH_2CH_2OH$, b.p. 134-5°, treated 12 hours with Na, the excess Na sepd. from the Na compd., CS_2 added, the resultant paste sepd., washed with Et_2O, and dried, gave $PhCH_2OCH_2CH_2OCS_2Na$ (II), light yellow powder. II with aq. I gave $(PhCH_2OCH_2CH_2OCS_2)_2$ (III), a yellow oil, d. 2.35, decompd. with loss of CS_2 by heating with 30% H_2SO_4. III with NH_3 in dry Et_2O gave $PhCH_2OCH_2CH_2OCSNH_2$ (yellow oil). $PhCH_2OCH_2CH_2OCS_2NH_4$ and S. Cellulose was interacted 18 hrs. with 18% NaOH, aged 48-72 hrs., and xanthated 6-10 hrs. with 50-100% excess CS_2. Na cellulosexanthate (IV) was isolated at once by the use of EtOH and HOAc, dissolved in water, and treated with I to give insol. cellulosexanthogen disulfide (V) (structure analogous to I and III) which was sepd., washed with H_2O, EtOH, and Et_2O, and dried in vacuo. Different preps. contained 11-22% S. V gradually decompd. with evolution of CS_2; one sample lost 8% of its S in 32 days, another (peroxidically washed with Et_2O) lost 38% in 10 days. V heated at 100° 4-5 hrs. with 10% H_2SO_4, decompd., about 50% of its S going to CS_2, 25% to free S, 6-20% to H_2S, and 1% to COS. V contg. >14% S was sol. in dil. NaOH; complex changes occurred, the chief product being IV, but S^{--}, CS_3^{--} and SO_3^{--} (but no free S) were detected. The absence of free S indicates that oxidation of the cellulose chain occurred. Similarly, 20-25% aq. NH_3 dissolved V to form NH_4 cellulosexanthate but no cellulosexanthanide or S. V swelled when immersed in $PhNH_2$ for 12-15 hrs. and H_2S was evolved. The solid product was sepd. by filtration, washed with EtOH-Et_2O and CS_2, and dried. It was identified as cellulosexanthanilide (VI), sol. in alkali, decompd. by hot dil. H_2SO_4 with formation of $PhNH_2$, COS, and H_2S. The filtrates from VI were examd.; the $PhNH_2$ contained $(PhNH)_2CO$ and S, and the CS_2 contained S.

B. C. McKusick



Three-dimensional structure of molecules. II. Oxidative polymerization of allylcellulose. S. N. Danilov and O. P. Koz'mina. *Zhur. Obshchei Khim.* (J. Gen. Chem.) 18, 1823-32(1948).—Cotton linters (I) were digested with 50% NaOH for 12-18 hrs., refluxed for 30-40 hrs. with a 5-fold excess of allyl bromide, the mixt. was neutralized with AcOH, the allylcellulose (II) washed with H_2O, and dried *in vacuo* over P_2O_5. The yield, based on I, was 120-30%. The soly. of II was only 50% in petr. ether and much less in other solvents. When C_6H_6 is used as a solvent the reaction proceeds faster, gives the same yield of II with about 2 allyl groups per glucose residue, and the II has good soly. in petr. ether. It is also sol. in $C_2H_4Cl_2$, 60-70% sol. in $CHCl_3$ and Me_2CO, not more than 30% sol. in EtOH. The Me_2CO-sol. fraction contains 1.7-1.8 allyl groups per glucose residue, the EtOH-sol. fraction 2.2 allyl groups. Fresh, powd. II was heated with stirring in a glass flask on a water bath; in air, the iodine no. fell from 138 to 10.2 through 24 hrs.; in CO_2, the iodine no. fell to 102 in 24 hrs. The degree of substitution, originally 1.9, fell to 0.2 in air, and 1.2 in CO_2. The solubilities were 0 and 80%, resp. Similar results were obtained by exposure of thin films to ultraviolet light. Solns. of II in dibutyl phthalate, heated at 100°, slowly increased in viscosity and decreased in iodine no. Stirring accelerated the process. Benzoyl peroxide (1% and 10%) produced similar changes. II (10 g. as 2-3% soln. in $C_2H_4Cl_2$), treated with dry, gaseous Cl and the product ppted. with petr. ether, gave 15-16 g. of tetrachloro-substituted product (III). III is completely sol. in $C_2H_4Cl_2$ and $CHCl_3$, 80-85% sol. in Me_2CO and 1,4-dioxane. The extent of hydrolysis of the Cl groups in various alk. media and at different temps. is reported. About half of the Cl is quite resistant to hydrolysis. I. P. Danchy

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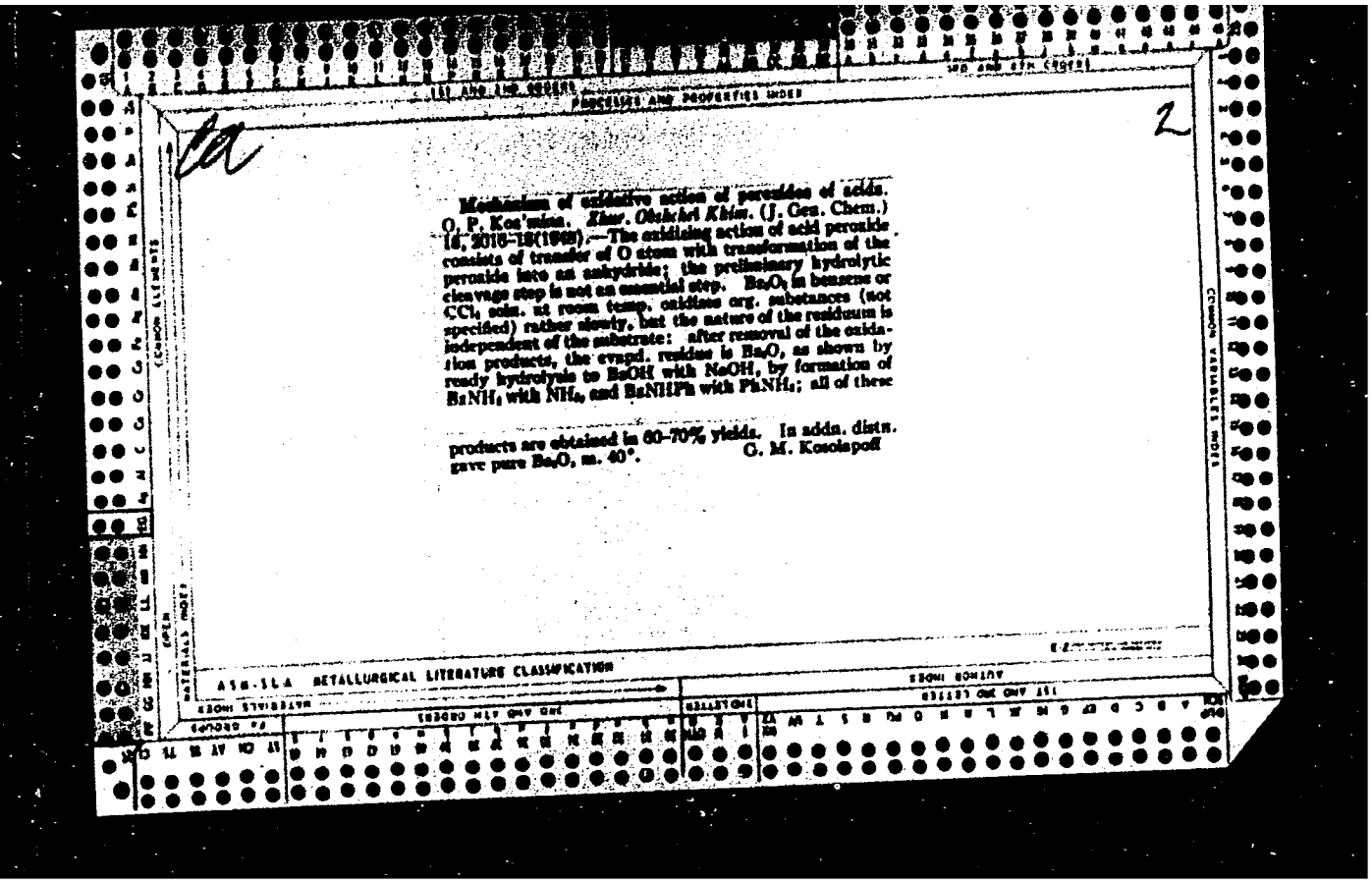
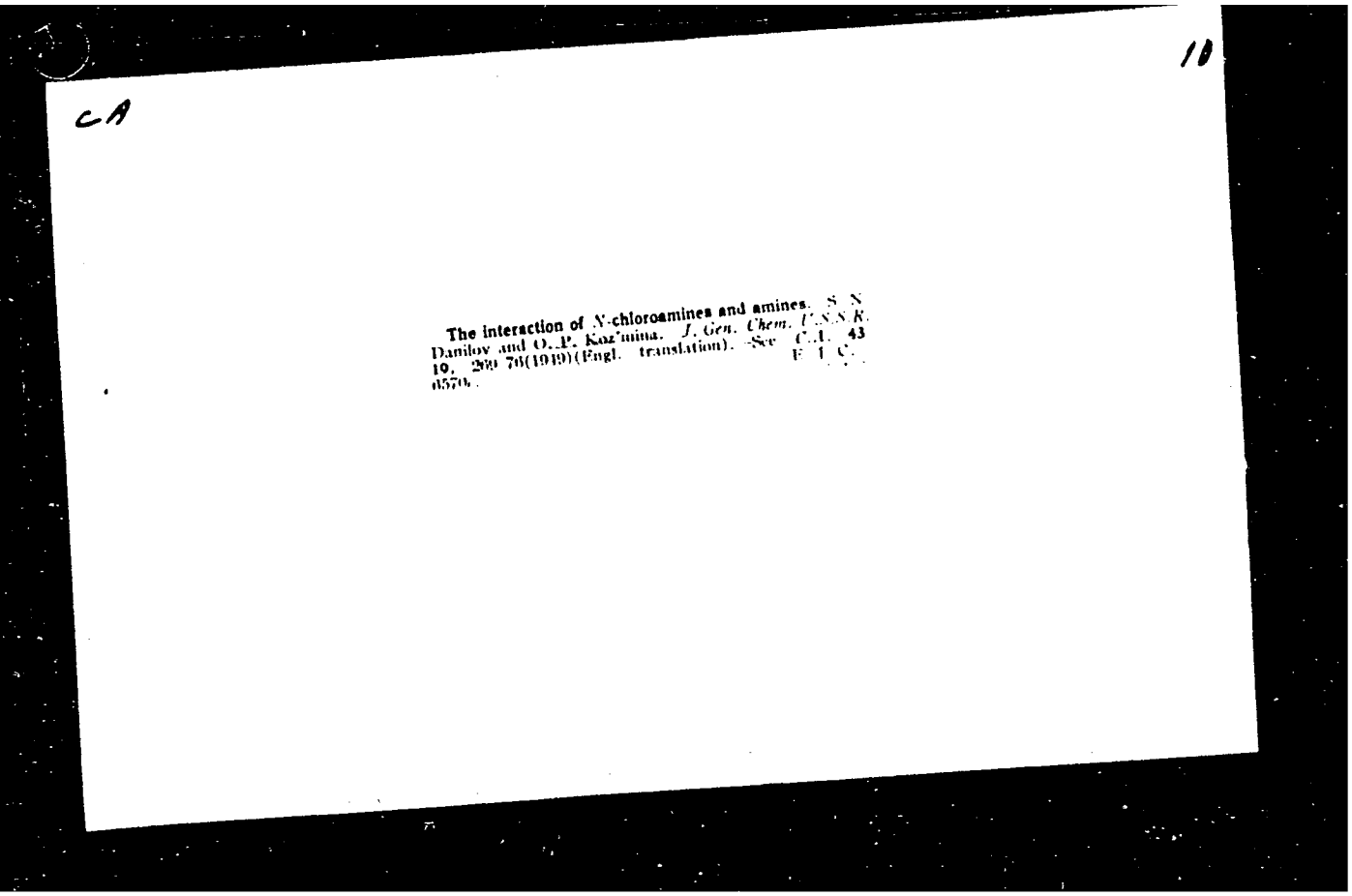
Lab. Applied Chem.,



Mechanism of oxidative action of peroxides of acids. O. P. Kos'mina. *Zhur. Obshchei Khim.* (J. Gen. Chem.) 16, 2018–18(1946).—The oxidizing action of acid peroxide consists of transfer of O atom with transformation of the peroxide into an anhydride; the preliminary hydrolytic cleavage step is not an essential step. Ba_2O_3 in benzene or CCl_4 soln. at room temp. oxidizes org. substances (not specified) rather slowly, but the nature of the residuum is independent of the substrate: after removal of the oxidation products, the evapd. residue is Ba_2O_3, as shown by ready hydrolysis to BaOH with NaOH, by formation of $BzNH_2$ with NH_3, and $BzNHPh$ with $PhNH_2$; all of these products are obtained in 60–70% yields. In addn. distn. gave pure Ba_2O_3, m. 40°. G. M. Kosolapoff



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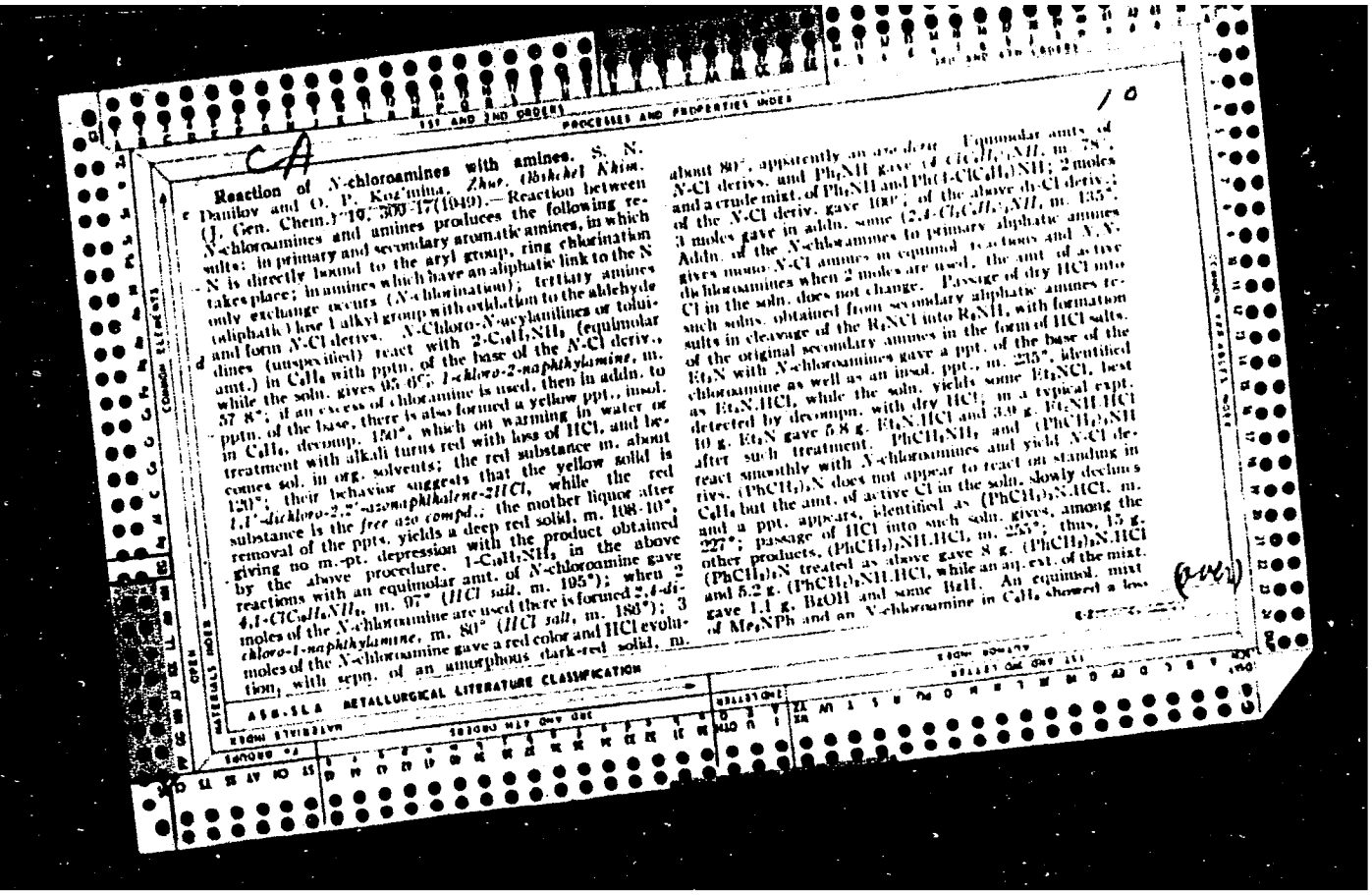
The interaction of N-chloroamines and amines. S. N. Danilov and O. P. Kaz'mina. *J. Gen. Chem. U.S.S.R.* 19, 269-70(1949)(Engl. translation). See C.A. 43 05570.



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Reaction of *N*-chloroamines with amines. S. N. Danilov and O. P. Kuz'mina. *Zhur. Obshchei Khim.* (J. Gen. Chem.) 19, 309-17(1949).—Reaction between *N*-chloroamines and amines produces the following results: in primary and secondary aromatic amines, in which N is directly bound to the aryl group, ring chlorination takes place; in amines which have an aliphatic link to the N only exchange occurs (*N*-chlorination); tertiary amines (aliphatic) lose 1 alkyl group with oxidation to the aldehyde and form *N*-Cl derivs. *N*-Chloro-*N*-acylanilines or toluidines (unspecified) react with 2-$C_{10}H_7NH_2$ (equimolar amt.) in CCl_4 with pptn. of the base of the *N*-Cl deriv., while the soln. gives 93 (6°; *1-chloro-2-naphthylamine*, m. 57.8°; if an excess of chloroamine is used, then in addn. to pptn. of the base, there is also formed a yellow ppt., insol. in CCl_4, decomp. 150°, which on warming in water or treatment with alkali turns red with loss of HCl, and becomes sol. in org. solvents; the red substance m. about 120°; their behavior suggests that the yellow solid is *1,1'-dichloro-2,2'-azonaphthalene-2HCl*, while the red substance is the *free azo compd.*; the mother liquor after removal of the ppts. yields a deep red solid, m. 108-10°, giving no m.-pt. depression with the product obtained by the above procedure. 1-$C_{10}H_7NH_2$ in the above reactions with an equimolar amt. of *N*-chloroamine gave *4,1-ClC$_6$H$_4$NH$_2$*, m. 97° (*HCl salt*, m. 195°); when 2 moles of the *N*-chloroamine are used there is formed *2,4-dichloro-1-naphthylamine*, m. 80° (*HCl salt*, m. 180°); 3 moles of the *N*-chloroamine gave a red color and HCl evolution, with sepn. of an amorphous dark-red solid, m. about 80°, apparently an azo deriv. Equimolar amts. of *N*-Cl derivs. and Ph_2NH gave *4-ClC$_6$H$_4$NH*, m. 78°, and a crude mixt. of Ph_2NH and *Ph(4-ClC$_6$H$_4$)NH*; 2 moles of the *N*-Cl deriv. gave 100°; of the above di-Cl deriv.; 3 moles gave in addn. some *(2,4-Cl$_2$C$_6$H$_3$)$_2$NH*, m. 135°. Addn. of the *N*-chloroamines to primary aliphatic amines gives mono-*N*-Cl amines in equimol. reactions and *N,N*-dichloroamines when 2 moles are used, the amt. of active Cl in the soln. does not change. Passage of dry HCl into such solns. obtained from secondary aliphatic amines results in cleavage of the R_2NCl into R_2NH, with formation of the original secondary amines in the form of HCl salts. Et_3N with *N*-chloroamines gave a ppt. of the base of the chloroamine as well as an insol. ppt., m. 225°, identified as $Et_3N.HCl$, while the soln. yields some Et_2NCl, best detected by decompn. with dry HCl; in a typical expt. 10 g. Et_3N gave 5.8 g. $Et_3N.HCl$ and 3.0 g. $Et_2NH.HCl$ after such treatment. $PhCH_2NH_2$ and $(PhCH_2)_2NH$ react smoothly with *N*-chloroamines and yield *N*-Cl derivs. $(PhCH_2)_2N$ does not appear to react on standing in CCl_4 but the amt. of active Cl in the soln. slowly declines and a ppt. appears, identified as $(PhCH_2)_2N.HCl$, m. 227°; passage of HCl into such soln. gives, among the other products, $(PhCH_2)_2NH.HCl$, m. 253°; thus, 15 g. $(PhCH_2)_2N$ treated as above gave 8 g. $(PhCH_2)_2N.HCl$ and 5.2 g. $(PhCH_2)_2NH.HCl$, while an aq. ext. of the mixt. gave 1.1 g. BzOH and some BzH. An equimol. mixt. of Me_2NPh and an *N*-chloroamine in CCl_4 showed a loss

of active Cl in 3–4 hrs. and a ppte. of the chloroamine base; the soln. gave a greenish liquid, which was acid. into 2 fractions, b. 300° and 232°, apparently *o*- and *p*-isomers of $ClC_6H_4NMe_2$; HNO_2 gave 2 NO derivs., oil and m. 55°, also characteristic of nitroso derivs. of *o*- and *p*-ClC_6H_4N-Me$_2$; 2 moles of *N*-chloroamine gave *2,4-dichlorodimethylaniline*, b. 234°, while 3 moles gave the *2,4,6-tri-Cl deriv.*, b. 247°.

G. M. Kosolapoff

KOZ'MINA, O.P.

DANILOV, S.N.; KOZ'MINA, O.P.; SHIRSHOVA, A.N.

Effect of phosphorus pentachloride on octaacetyl cellobiose and on "anomer" glucose acetates. Zhur. ob. khim. 27 no.4:945-949 Ap '57. (MLRA 10:8)

1. Institut vysokomolekulyarnykh soyedineniy Akademii nauk SSSR.
(Cellobiose) (Acetates) (Phosphorus chlorides)

Koz'mina, O.P.

KOZ'MINA, O.P.; SHIRSHOVA, A.N.

Effect of oxygen on the destruction of polymethyl methacrylate.
Zhur.prikl.khim. 30 no.12:1878-1879 D '57. (MIRA 11:1)

1.Institut vysokomolekulyarnykh soyedineniy AN SSSR.
(Oxygen) (Methacrylic acid)

20-114-4-30/63

AUTHORS: Koz'mina, O. P., Kurlyankina, V. I.
Matveyeva, Ye. N.

TITLE: Oxidation Breakdown of Cellulose Ethers (Okislitel'nyy raspad efirov tsellyulozy)

PERIODICAL: Doklady Akademii Nauk SSSR, 1957, Vol. 114, Nr 4, pp. 789-791 (USSR)

ABSTRACT: The cellulose ethers, as films, coatings and other products, lose their elasticity and mechanic firmness under the influence of external air and heat. This is connected with the active role played by oxygen. In the present paper some results are given of the study of cellulose ether oxidation through molecular oxygen. The ethers and the cellulose, out of which these former were produced, were heated by the authors to not more than 200°C in an air, oxygen and inert gas current. Tests confirmed that the oxidation through atmospheric oxygen has to be regarded as the cause of the aging and the thermo-oxidizing breakdown of the cellulose ethers. Breakdown develops through the state of formation and subsequent decomposition of peroxides. The alkoxyl groups of the simple ethers are separated as the corresponding aldehydes and alcohols. The complex ether-groups which formed one of the ethers, however, are separated in the

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Card 1/2

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Card 2/2

AUTHORS: Koz'mina, O.P., Kurlyankina, V.I., Matveyeva, Ye.N., Aleksandrovich, M.K. SOV/79-28-12-7/41

TITLE: Formation of Peroxides in the Oxidation of Ethers and Esters of Cellulose (Obrazovaniye perekisey pri okislenii efirov tsellyulozy)

PERIODICAL: Zhurnal obshchey khimii, 1958, Vol 28, Nr 12, pp 3202-3205 (USSR)

ABSTRACT: According to references 1-4 atmospheric oxygen plays an important part in the destruction of cellulose ethers and esters at slightly increased temperatures and under simultaneous ultraviolet irradiation; this fact leads to the oxidation, separation of the oxidized ether-ester groups, and to the decomposition of the chains. The

The peroxides of ethers, especially of esters, are easily obtained by ultraviolet irradiation (Fig 2). The peroxides of cellulose ethers and esters are rather stable and can therefore be purified from low-molecular impurities by dialysis. These peroxides, as well as their products of decomposition (volatile peroxides and aldehydes) gradually accumulate on storing and cause a shortening of the induction periods of thermo-oxidative decomposition of the ethers. In the destruction of the peroxide groups with hydrogen iodide or hyposulfite with subsequent removal of the impurities, or on the addition of metal salts of variable valence ($KMnO_4$, iron and copper acetates) with a subsequent removal of these salts induction periods occur again, which are characteristic of freshly prepared samples (Fig 3). The corresponding peroxides can serve as a source of the formation of formic acid, alcohols, and hydrocarbons, i.e. as secondary products of the thermo-oxidative decomposition of the ethers and esters.-There are 4 figures and 7 references, 5 of which are Soviet.

SOV/79-28-12-7/41

Formation of Peroxides in the Oxidation of Ethers and Esters of Cellulose

ASSOCIATION: Institut vysokomolekulyarnykh soyedineniy Akademii nauk SSSR (Institute of High-Molecular Compounds, Academy of Sciences, USSR)

SUBMITTED: January 28, 1958

Card 3/3

KOZ'MINA, O.P.; KURLYANKINA, V.I.

Thermal oxidation of the benzyl ether of cellulose. Zhur.prikl.khim. 31 no.11:1761-1762 N '58. (MIRA 12:2)
(Cellulose) (Oxidation)

KURLYANKINA, V.I.; POLYAK, A.B.; KOZ'MINA, O.P.

Mechanism of the oxidation of cellulose ethers by oxygen. Part 7: Ester groups in the oxidation of ethylcellulose. Use of infrared spectroscopy in the analysis of oxidized ethylcellulose.
Vysokom. soed. 2 no. 12:1850-1853 D '60. (MIRA 14:1)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR; Lesotekhnicheskaya akademiya im. Kirova.
(Cellulose--Spectra)

KOZ'MINA, O.P. ; Prinimali uchastive: KURLYANKINA, V.I.; ALEKSANDROVICH, M.K.; PROSVIRYAKOVA, E.P.; SLAVETSKAYA, L.A.; KOZLOV, M.P.

Mechanism of oxidation of cellulose ethers by oxygen. Izv. AN SSSR Otd.khim.nauk no.12:2226-2233 D '61. (MIRA 14:11)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.
(Cellulose ethers) (Oxidation)

KOZLOV, P.V.; KOZ'MINA, O.P.; VAN NAY-CHAN [Wang Nai-ch'ang]; SLAVETSKAYA, P.A.; CHZHOU EN-LO [Chou Eng-lo]

Crystallization of cellulose tribenzoate. Dokl. AN SSSR 139 no.5:1149-1152 Ag. '61. (MIRA 14:8)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova i Institut vysokomolekulyarnykh soyedineniy AN SSSR. Predstavleno akademikom V.A. Karginym.
(Cellulose) (Crystallization)

KOZ'MINA, O.P.; ALEKSANDROVICH, M.K.

Mechanism of the oxidation of cellulose ethers by oxygen. Part 11: Effect of metal salts on the oxidation of ethyl cellulose. Vysokom.soed. 4 no.4:549-553 Ap '62. (MIRA 15:5)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.
(Cellulose ethers) (Salts) (Oxidation)

KOZLOV, M.P.; KOZ'MINA, O.P.; PLISKO, Ye. A. DANILOV, S.N.

Mechanism of oxidation of cellulose ethers by oxygen. Part 15: Effect of the chain length of the substituent in aliphatic cellulose ethers on their oxidation rate. Vysokom.soed. 5 no.3:424-427 Mr '63. (MIRA 16:3)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.
(Cellulose ethers) (Oxidation) (Substitution (Chemistry))

KOZ'MINA, O.P.; KURLYANKINA, V.I.; ZHDAN-PUSHKINA, S.; MOLOTKOV, V.A.

Mechanism of the oxidation of cellulose ethers by oxygen. Part 12: Synthesis and oxidation of ethyl cellulose based on cellulose tagged with radiocarbon at the glucoside C atom. Vysokom.soed. 5 no.4: 492-495 Ap '63. (MIRA 16:5)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR i Leningradskiy gosudarstvennyy universitet.
(Cellulose ethers) (Oxidation) (Carbon isotopes)

ALEKSANDROVICH, M.K.; KOZ'MINA, O.P.; SHEKHUNOVA, L.G.

Mechanism of the oxidation of cellulose ethers by oxygen. Part 13: Effect of organometallic complexes (chelate compounds) on the oxidation of cellulose ethers by oxygen. Vysokom.soed. 5 no.4: 496-498 Ap '63. (MIRA 16:5)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.
(Cellulose ethers) (Chelates) (Oxidation)

KURLYANKINA,V.I.; KOZ'MINA, O.P.

Mechanism of the oxidation of cellulose ethers by oxygen. Part 14: Oxidation of ethyl cellulose. Vysokom.soed. 5 no.6:785-792 Je '63. (MIRA 16:9)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.
(Cellulose ethers) (Oxidation)

KOZ'MINA, O.P.; KOZLOV, M.P.

Mechanism of the oxidation of cellulose esters by oxygen. Part 16: Resistance of trityl and benzoyl cellulose to thermal oxidative degradation. Vysokom.soed. 5 no.7:1054-1058 Jl '63. (MIRA 16:9)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.
(Cellulose esters) (Oxidation)

KOZ'MINA, O.P.; KHRIPUNOV, A.K.; KURLYANKINA, V.I.

Mechanism of cellulose ester oxidation by oxygen. Part 19: Oxidation of acetylcellulose tagged with radioactive carbon in acetyl groups and in a pyran ring. Vysokom.soed. 5 no.8:1232-1234 Ag '63. (MIRA 16:9)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.
(Cellulose acetates) (Carbon isotopes) (Oxidation)

KOZLOV, M.P.; KOZ'MINA, O.P.; DANILOV, S.N.

Thermal oxidative degradation of cellulose esters. Zhur.prikl.khim. 36 no.3:622-628 My '63. (MIRA 16:5)
(Cellulose esters) (Oxidation)

DANILOV, S.N.; KOZ'MINA, O.P.; KOZLOV, M.P.

Synthesis and properties of cellulose ester and trimethylacetic acid. Zhur.prikl.khim. 36 no.3:682-685 My '63. (MIRA 16:5)
(Cellulose esters) (Pivalic acid)

SADOVNIKOVA, V.I.; USMANOV, Kh.U.; KOZ'MINA, O.P.

Increasing the thermal stability of cotton fiber by means of its partial cyanoethylation. Zhur. prikl. khim. 36 no.11: 2522-2526 N '63. (MIRA 17:1)

1. Institut khimii polimerov i institut vysokomolekulyarnykh soyedineniy AN SSSR.

VOLOZHIN, A.I.; KOZ'MINA, O.P.; DANILOV, S.N.

Synthesis and properties of N-substituted carbamic cellulose esters. Zhur. prikl. khim. 37 no.9:2077-2080 S '64.
(MIRA 17:10)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

VOLOZHIN, A.I.; [illegible], G.A.; [illegible], S.N.

Catalytic action of tertiary amines in the reactions of phenyl isocyanate with cellulose. Zhur. prikl. khim. 37 no.10:2327-2328 O '64. (MIRA 17:11)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

VOLOZHIN, A.I.; KOZ'MINA, O.P.; DANILOV, S.N.

Synthesis and properties on N-substituted carbamic cellulose esters. Zhur.prikl.khim. 37 no.7:1578-1583 Jl '64. (MIRA 18:4)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

VOLOSHIN, A.I.; KOZ'MINA, O.P.; DANILOV, S.N.

Chemical modification of cellulose fabrics with isocyanates. Zhur. prikl. khim. 37 no.12:2761-2763 D '64.

(MIRA 18:3)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

TSVETKOV, V.N.; GRISHCHENKO, A.Ye.; KOZ'MINA, O.P.

Photoelastic effect in swollen cyanoethyltrityl cellulose.
Vysokom. soed. 7 no.4:609-614 Ap '65.
(MIRA 18:6)

1. Fizicheskiy institut Leningradskogo gosudarstvennogo universiteta.

KOZ'MINA, O.E.; KURLYANKINA, V.I.; MOLOTKOV, V.A.; SLAVETSKAYA, P.A.

Synthesis and oxidation of ethyl xylan. Vysokom. soed. 7 no.6:958-961 Je '65. (MIRA 18:9)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

KOZ'MINA, O.I.; [illegible] P.P.; [illegible], G.V.

[illegible] and oxidative [illegible] of allyl cellulose. Vysokomol.soed. 7 no.[illegible] 1965.

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

(MIRA 18:11)

L 16006-66 EWP(j)/EWT(m) RM

ACC NR: AP6005517 (A) SOURCE CODE: UR/0080/66/039/001/0164/0170

AUTHOR: Syutkin, V. N.; Slavetskaya, P. A.; Koz'mina, O. P.; Danilov, S. N.

ORG: none

TITLE: Synthesis and properties of mixed cyanoethyl cellulose esters and ethers

SOURCE: Zhurnal prikladnoy khimii, v. 39, no. 1, 1966, 164-170

TOPIC TAGS: ether, ester, cellulose

ABSTRACT: Cellulose ethers were cyanoethylated by introducing cyanoethoxyl groups. Methyl-, ethyl-, benzyl-, trityl-, and allylcyanoethylcellulose with different degrees of substitution were thus obtained. To produce esters, acylation of incomplete cyanoethyl ethers was carried out by using acid chlorides in pyridine. The introduction of functional groups which differ in size and structure into the cellulose molecule widens the choice of solvents which can be used and causes a change of the glass point. During the synthesis of mixed cyanoethyl cellulose ethers and esters, no appreciable degradation of the cellulose macromolecule takes place, as indicated by intrinsic viscosity data. Infrared spectra of the mixed ethers and

Card 1/2

UDC: 661.728

L 16006-66

ACC NR: AP6005517

2

esters and their main electrical characteristics ε', tan δ, and ρ_v were analyzed.
"Authors thank A. I. Artyukhov and K. K. Kalnin'sh for measuring the electric properties and taking IR spectra of the mixed cyanoethyl cellulose ethers and esters."
Orig. art. has: 2 figures, 2 tables.

SUB CODE: 07/ SUBM DATE: 23Jul65/ ORIG REF: 005/ OTH REF: 005

Card 2/2

KOZ'MINA, T.G., inzh.

Corrosion of the reinforcement in perlite concrete. Sbor. trud. ROSNIIMS no.25:135-140 '62 (MIRA 17:8)

KHAVKIN, L.M., inzh.; CHERVINSKAYA, R.L., inzh.; KOZ'MINA, T.G., inzh.; KOZLOVA, N.A., inzh.

Resistance of sand-lime concrete in aggressive solutions. Stroi. mat. 10 no.11:24-25 N '64.

(MIRA 18:1)

KOZ'MIN, T. L. PA 21T55

USSR/Mathematics - Transformations Jan 1947
Mathematics - Geometry, Differential

"Laplacian Transformation of Threefold Intersected Systems of Surfaces," T L Koz'min, 3 pp

"Dok Ak Nauk SSSR" Vol LV, No 3

Submitted by N N Luzin 8 Jul 46. Mathematical description of the statement that three families ∞^1 surfaces $(s_1),(s_2),(s_3)$, create a threefold intersected system c^3, if through each point on the area there passes one surface of each family (s_i) and the surfaces of both families (s_j) and (s_k) create on each surface s_i a third family of an intersecting system of lines.

21T55

ATANASYAN, L.S.; GUREVICH, G.B.; IL'IN, A.S.; KOZ'MINA, T.L.; REDOZUBOVA, O.S.; NEMTSOVA, L.G., red.; DZHATIYEVA, F.KH., tekhn.red.

[Collection of problems in elementary geometry; textbook for teachers' institutes] Sbornik zadach po elementarnoi geometrii; posobie dlia pedagogicheskikh institutov. Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv. RSFSR, 1958. 94 p. (MIRA 12:4)
(Geometry--Problems, exercises, etc.)

ANANASYAN, Levon Sergeyevich; VASIL'YEVA, Mayya Vladimirovna, dots.; GUREVICH, Grigoriy Borisovich; IL'IN, Aleksandr Sergeyevich; KOZ'MINA, Tat'yana Leonidovna; REDOZUBOVA, Ol'ga Sergeyevna; DOLGOPOLOV, V.G., red.

[Problems in elementary geometry; textbook for pedagogical institutes] Sbornik zadach po elementarnoi geometrii; posobie dlia pedagogicheskikh institutov. Izd.2., perer. Moskva, Prosveshchenie, 1964. 93 p. (MIRA 17:7)

L 41094-66 EWT(1) JXT(BF)

ACC NR: AP6025284 SOURCE CODE: UR/0119/66/000/007/0011/0011

AUTHOR: Koz'mina, Ye. F. (Engineer)

ORG: none

36B

TITLE: Digital printer for discrete instruments

SOURCE: Priborostroyeniye, no. 7, 1966, 11

TOPIC TAGS: printer, digital printer, digital counter, DIGITAL SYSTEM, PULSE COUNTER, FREQUENCY ANALYZER

ABSTRACT: The development of a new transistorized digital tape printer based on an A. I. Gordnenko et al. proposal (Author's Certificate 128662, "Byull. izobr.", 1960, no. 10) is reported. Filling the residual decade capacity with single "complement" pulses and simultaneous recording them in a digital counter constitute the principle of operation of the printer. The new printer is used for recording frequencies of free damped oscillations of string-type sensors. A block diagram and a simplified circuit diagram are explained. The recording rate depends on the operation of counting-drum and strike-mechanism relays; with high-speed relays, the rate may reach 100 readings per min. Orig. art. has: 1 figure. [03]

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 001/ ATD PRESS: 5055

Card 1/1 hs

UDC: 621.3.087.9

KOZ'MINA, Ye. P.

Koz'mina, Ye. P. - "Investigation of the process of ring husking of oats", Trudy Vsesoyuz. nauch.-issled. in-ta zerna i produktov ego pererabotki, Issue 17, 1949, p. 43-58.

SO: U-4110, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 19, 1949).

KOZ'MINA, Ye., kandidat tekhnicheskikh nauk.

Technical properties of crops for groats. Muk.- elev.prom. 20 no.4:10-14 Ap '54. (MLRA 7:7)

1. Krupyanaya laboratoriya Gosudarstvennoy komissii po sortoispytaniyu.
(Millet) (Buckwheat) (Rice)

KOZ'MINA, Ye., kandidat tekhnicheskikh nauk.

Investigation of the technical properties of the grain of groats crops. Muk.-elev.prom. 20 no.10:17-20 O '54. (MLRA 7:12)

1. Gosudarstvennaya komissiya po sortoispytaniyu sel'skokhozyaystvennykh kul'tur.
(Grain--Testing)

KOZ' MINA, YE. P.:

KOZ'MINA, YE. P.: "Investigation of the technological properties of varieties of grain (millet, buckwheat, rice)." Min Higher Education USSR. Moscow Technological Inst of the Food Industry. Moscow, 1956. (Dissertation for the Degree of Doctor in Technical Science.)

So: Knizhnaya letopis', No. 37, 1956. Moscow.

Koz'mina, Ye. P.

USSR/Cultivated Plants - Grains. M.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15535

Author : Ye. P. Koz'mina
Inst : -
Title : The Best Corn Varieties and Hybrids for Corn-Meal Processing.
(Luchshiye sorta i gibridy kukuruzy dlya pererabotki v krupu).

Orig Pub : Inform. byul. Gos. komis. po sortoispyt. s. -kh. kul'tur pri M-ve S. kh SSSR, 1956, No 9, 22-28

Abstract : The technological indicators of the grain for various corn varieties obtained from different variety plots.

Card 1/1

33

KOZ'MINA, Ye., kandidat tekhnicheskikh nauk.

Technological properties of corn varieties and hybrids. Muk.-elev. prom. 22 no.6:13-15 Je '56. (MLRA 9:9)

1.Krupyannaya laboratoriya gosudarstvennoy komissii po sortoispytaniyu sel'skokhozyaystvennykh kul'tur.
(Corn (Maize))

KOZ'MINA, Yevgeniya Petrovna

[Rice; storage and milling] Ris; khranenie i pererabotka. Moskva, Khleboizdat, 1957. 127 p. (MIRA 10:11)
(Rice)

USSR/Cultivated Plants - Grains. M-2

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29756

Author : Koz'mina, Ye.P., Stepovskaya, G.N.
Inst :
Title : The Shatilovskaya 4, a New Buckwheat Variety.

Orig Pub : Inform. byul. Gos. komis. po sortoispyt. s.-kh. kul-tur pri m-ve s. kh. SSSR, 1957, No 2, 26-29

Abstract : Shatilovskaya 4 variety buckwheat, cultivated by the orlovskaya Oblast' Experimental Agricultural Station (formerly the Shatilovskaya) from the Bogatyr' variety by means of seed selection, has been districted for rayons of the chernozem soil zone in 1956. It is close to the Bogatyr' variety in biological and morphological characteristics, although it surpasses the latter and a number of other selected varieties in its grain yield and quality in a number of rayons. The indices for the mean harvests and great yield for 1 hectare of shatilovskaya 4

Card 1/2

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29756

and the standard varieties are given for a series of rayons.

Card 2/2

KOZ'MINA, Ye. P.

KOZ'MIN, Petr Alekseyevich; KOZ'MINA, N.P., zasluzhennyy deyatel' nauki, prof., doktor biologicheskikh nauk; red.; KOZ'MINA, Ye.P., doktor tekhn. nauk; GEL'MAN, D.Ya., red.; GOLUBKOVA, L.A., tekhn. red.

[Selected works] Izbrannye sochineniia. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam mukomol'no-krupianoi i kombikormovoi promyshl. i elevatorno-skladskogo khoziaistva, 1958. 254 p.
(Grain milling) (MIRA 11:9)

KOZ'MINA, Ye., doktor tekhn. nauk.

Best varieties of millet, buckwheat, and rice. Muk.-elev. prom. 24 no.12:6-9 D '58. (MIRA 12:1)
(Millet--Varieties) (Buckwheat--Varieties) (Rice--Varieties)

KOZ'MINA, Ye.P., doktor tekhn.nauk; STEPOVSKAYA, G.N., agronom

Pay more attention to the cultivation of buckwheat. Zemledelie 7 no.3:63-67 Mr '59. (MIRA 12:4)

(Buckwheat)

KOZ'MINA, Ye., doktor tekhn.nauk

Technological properties of various pea varieties. Muk.-elev. prom. 27 no.5:15-17 My '61. (MIRA 14:6)

1. Gosudarstvennaya komissiya po sortoispytaniyu sel'skokhozyaystvennykh kul'tur.
(Peas—Varieties)

KOZ'MINA, Yevgeniya Petrovna, doktor tekhn.nauk, prof.;
AVERINA, T.I., doktor tekhn. nauk, prof., red.

[Technological characteristics of groats and pulse crops]
Tekhnologicheskie svoistva krupianykh i zernobobovykh
kul'tur. Moskva, TSINTI GOSKOMZAGA, 1963. 293 p.
(MIRA 17:7)

KOZ'MINA, Ye.P., prof.

Increasing the nutritional value of groats and 'synthetic' groats. Zhur. VKHO 10 no.3,307-311 '65. (MIRA 18:9)

KOZ'MINA, YU. A. DOCENT

[redacted]

34/49T73

USSR/Medicine - Gingivitis, Therapy Jul/Aug/Sep 48
USSR/Medicine - Sulfanilamide and Sulfanilamide Derivatives, Therapy

"Concerning Problem of Treatment of a Pathologic Gingival Pocket With Sulfidin," Docent Yu. A. Koz'-mina, K. A. Moroshkina, Chair of Therapeutic Stomatol, Chair of Histology, Irkutsk State Stomatol Inst, 2 pp

"Stomatologiya" No 3

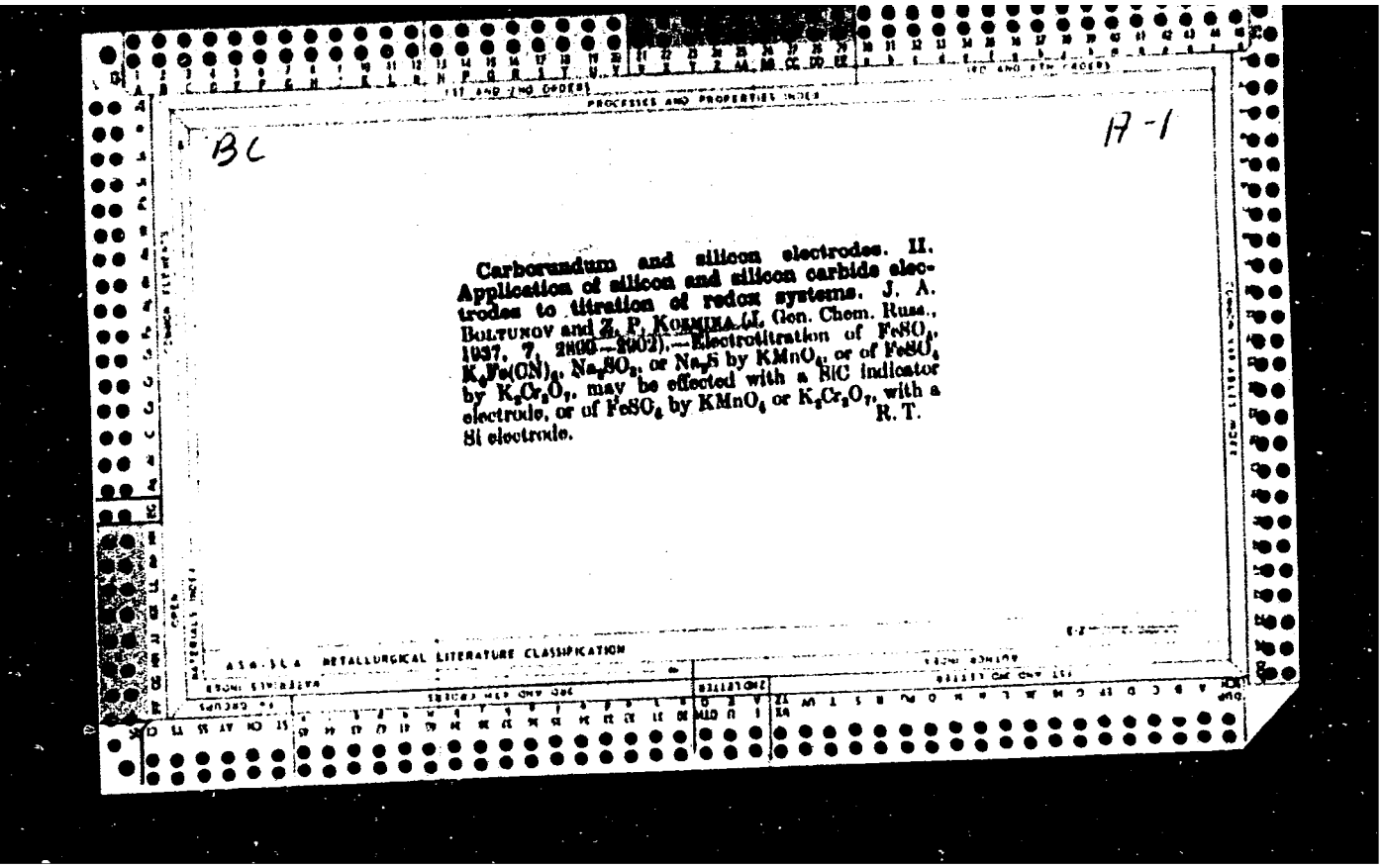
Material on 47 cases. Hypertrophic gingivitis is an inflammatory process with deep degenerative alterations in both epithelium and adjoining tissues. Sulfidin, injected into the gingival pocket prevents

34/49T73

USSR/Medicine - Gingivitis, Therapy Jul/Aug/Sep 48
(Contd)

ulceration of the gum tissue or cause of necrosis and hemorrhage. Quantitative and qualitative changes in microflora occur. The pocket disappears in all forms of gingival inflammation, except cases where the basic disease is parodontosis.

34/49T73



BC

17-1

Carborundum and silicon electrodes. II. Application of silicon and silicon carbide electrodes to titration of redox systems. J. A. BOLTUNOV and Z. P. KOSMINA (J. Gen. Chem. Russ., 1937, 7, 2800—2802).—Electrotitration of $FeSO_4$, $K_4Fe(CN)_6$, Na_2SO_3, or Na_2S by $KMnO_4$, or of $FeSO_4$ by $K_2Cr_2O_7$, may be effected with a SiC indicator electrode, or of $FeSO_4$ by $KMnO_4$ or $K_2Cr_2O_7$, with a Si electrode. R. T.

A.S.M. METALLURGICAL LITERATURE CLASSIFICATION

KOZ'MINA, Z. P.; SHKODINA, YE. P.

Dialysis

Investigation of electrochemical activity of nigrosine-colloidal membranes various structures and their use in electrodialysis. Uch. zap. Len. un., No. 150, 1951.

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

GRIGOROV, Oleg Nikolayevich, professor; KARPOVA, I.F.; KOZ'MINA, Z.P.; FRIDRIKHSBERG, D.A.; KELAREV, L.A., redaktor; IVANOVA, A.V., tekhnicheskiy redaktor

[Manual of experiments in colloid chemistry] Rukovodstvo k prakticheskim zaniatiiam po kolloidnoi khimii. [Leningrad] Izd-vo Leningradskogo univ., 1955. 211 p. (MLRA 9:10)
(Colloids)

GRIGOROV, O.N.; KOZ'MINA, Z.P.; MARKOVICH, A.V.; FRIDRIKHSBERG, D.A.; ZHUKOV, Ivan Ivanovich [deceased]; REBINDER, P.A., akademik, otvetstvennyy redaktor; KREMLEV, L.Ya., redaktor izdatel'stva; OKERBLOM, M.N., redaktor izdatel'stva; RAVDEL', A.A., redaktor izdatel'stva; KIRNARSKAYA, A.A., tekhnicheskiy redaktor

[Electrokinetic characteristics of capillary systems; a monographic collection of experimental studies] Elektrokineticheskie svoistva kapilliarnykh sistem; monograficheskii sbornik eksperimental'nykh issledovanii. Vyp.pod rukovodstvom I.I.Zhukova ego uchenikami. Moskva, 1956. 352 p. (MLRA 9:11)

1. Akademiya nauk SSSR. Otdeleniye khimicheskikh nauk. 2. Chlen-korrespondent AN SSSR. (for Zhukov)
(Electrocapillary phenomena)

KOZ'MINA, Z.P.; STAROVOYTOVA, Ye.I.

Structural change and electrochemical activity of colloidal membranes during denitration. Uch.zap.Len.un.169:157-164 (Membranes (Chemistry)) (Denitration) (MLRA 9:6)

KOZ'MINA, Z.P.; DOBRYNINA, V.A.

ζ-Potential of bayerite and of the products of its heat treatment. Koll. zhur. 26 no.5:592-594 S-O '64.
(MIRA 17:10)

GRIGOROV, O.N., prof.; KARPOVA, I.F.; KOZ'MINA, Z.P.; TIKHOMOLOVA, K.P.; FRIDRIKHSBERG, D.A.; CHERNOBEREZHSKIY, Yu.M.; MYASNIKOVA, L.B., red.

[Manual on laboratory work in colloid chemistry] Rukovodstvo k prakticheskim rabotam po kolloidnoi khimii. Izd.2., perer. i dop. Moskva, Khimiia, 1964. 330 p. (MIRA 18:3)

KOZ'MINA-SOKOLOVA, V. N.

USSR/Medicine - Physiology FD-939

Card 1/1 Pub 33-22/29

Author : Koz'mina-Sokolova, V. N.

Title : Continuous recording of body temperature with the aid of a thermograph

Periodical : Fiziol. zhur. 40, 365-367, May/Jun 1954

Abstract : A thermograph, invented by V. A. Val'dman, is recommended for continuous recording body temperature. This thermograph contains a small camera which photographs fluctuations of a mercury thermometer on a moving film. The thermograph is held firm to the surface of the abdomen by means of a sash or a belt. Accuracy, simplicity of design, ease of reading and manipulation are the principal charateristics of this instrument. The plant "Krasnogvardeyets" in Leningrad is preparing to produce Val'dman's thermograph. Diagrams. One Soviet reference.

Institution : Chair of Faculty Therapy, Leningrad Pediatric Medical Institute

Submitted : September 14, 1953

KOZ'MINA-SOKOLOVA, V. N.

KOZ'MINA-SOKOLOVA, V. N. -- "Thermographic Observation of Occasional Fever and Nonfever Patients." Leningrad Pediatric Med Inst., Chair of Faculty Therapy, Leningrad, 1956. (Dissertations for the Degree of Candidate in Medical Sciences.)

KNOZHNAYA LETOPIS
No. 41, October 1956

KOZ'MINA-SOKOLOVA, V.N., kand.med.nauk

Thermoregulation. Vop. pat. krovi i krovoobr. no.5:58-64 '59.
(MIRA 15:4)
(BODY TEMPERATURE)

KOZ'MINA-SOKOLOVA, V.N., kand.med.nauk

Thermographic observations in patients with subfebrile temperatures. Vop. pat. krovi i krovoobr. no.5:65-68 '59. (MIRA 15:4)
(BODY TEMPERATURE)

KOZ'MINA-SOKOLOVA, V.N., kand. med. nauk; LEVINA, P.M., kand. med. nauk

Dynamics of arterial and venous pressure and capillaroscopy in patients with influenza A_2. Trudy Kaf. proped. vnutr. bol. LPMI no.3:95-99 '64. (MIRA 19:1)

KOZ'MINA-SOKOLOVA, V.N., kand. med. nauk; POPKOVA, P.I., kand. med. nauk

Protein fractions of the blood in influenza A_2. Trudy Kaf. proped. vnutr. bol. LPMI no.3:111-113 '64.

Phonocardiography in hypertension. Ibid.:171-176

(MIRA 19:1)

KOZ'MINA-SOKOLOVA, V.N., kand. med. nauk

Protein fractions and ultraviolet spectrophotometry in chronic pulmonary diseases. Trudy Kaf. proped. vnutr. bol. LPMI no.3: 54-64 '64.

Effectiveness of the treatment of hypertension with the ganglionic blocking agent camphonium. Ibid.:139-143

Biochemical changes in hypertension patients during treatment with hypnotic sleep. Ibid.:144-152

(MIRA 19:1)

INGLOT-BILSKA, Teresa; KOZMINSKA, Alicja; PIATKOWSKA, Krystyna

Blood pyruvic acid level in differential diagnosis of diphtheria. Pol. tyg. lek. 20 no.14:509-511 5 Ap '65.

1. Z Oddzialu Chorob Zakaznych Dzieci Miejskiego Szpitala Specjalistycznego w Krakowie (Ordynator: dr. Karol Barta) i z Wojewodzkiej Stacji Sanitarno-Epidemiologicznej w Krakowie (Kierownik: doc. dr. M. Bilek).

KOZMINSKA, ALICJA

LUTNYSKI, Roman; RAGINIS, Zofia; ZIEMICHOD, Tadeusz; KOZMINSKA, Alicja

Focus of Q fever in Krakow. Przegl. epidem., Warsz. 11 no.1:69-79 1957.

1. Z Kliniki Chorob Zakaznych A. M. w Krakowie. Dyrektor: doc. dr M. Bilek. Z Klinik Chorob Zakaznych A. M. w Krakowie. Kierownik: prof. dr J. Kostrzewski.
(Q FEVER, epidemiology,
in Poland (Pol))

POLAND

KOZMINSKA, Alicja, Lek. med., Wojewodztwo Sanitation and Epidemiology Station (Wojewodzka Stacja Sanitarno-Epidemiologiczna) in Krakow (Director: Docent, Dr. Mieczyslaw BILEK)

"Remarks Connected with the Occurrence of Anthrax in Fur Animals."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol 19, No 5, May 63, pp 264-265.

Abstract: [Author's English summary modified] Statistics show an incidence of anthrax for the wojewodztwo of Krakow for 1951-1961 of 8 cases in man and 88 in animals. An epizootic outbreak occurred in 1960 with 32 fatal cases among minks and 14 in bred foxes. The source of infection could not be determined, but the outbreak among the foxes was controlled by administration of anthrax serum plus penicillin. Stool examination five weeks after the outbreak subsided revealed the presence of anthrax-like bacteria, fatal to mice on physiological tests, which was probably Bacillus cereus. There are no references.
1/1

GZARKOWSKI, Jozef; GAJZLER, Regina; KOZMINSKA, Anna; PIEKARSKA, Zofia

Electrophoretic studies of lipoproteins in certain skin diseases. Przegl.derm. Warsz. 47 no.5:377-384 S-O '60.

1. Z b Instytutu Dermatologii i Wenerologii w Warszawie Dyrektor: doc. dr J.Suchanek. Kierownik Dzialu Dermatologii: prof. dr E.Bruner [deceased]. Kierownik Sekcji Biochemicznej: doc. mgr J.Dzulynska. Z Kliniki Dermatologicznej A.M. w Warszawie Kierownik: prof. dr S.Jablonska.
(DERMATOLOGY blood)
(LIPOPROTEINS blood)

HAUSMANOWA-PETRUSEWICZ, Irena; KOZMINSKA, Anna

Electromyographic studies in generalized scleroma. Polski tygod. lek. 16 no.6:201-206 6 F '61.

1. Z Kliniki Neurologicznej A.M. w Warszawie; kierownik: prof. dr I. Hausmanowa-Petrusewicz i z Kliniki Dermatologicznej A.M. w Warszawie; kierownik: prof. dr S. Jablonska.

(SCLERODERMA diag) (ELECTROMYOGRAPHY)

KOZMINSKA, Anna; HAUSMANOWA-PETRUSEWICZ, Irena

Electromyographic studies in circumscribed sclerema. Polski tygod. lek. 16 no.7:241-243 13 F '61.

1. Z Kliniki Neurologicznej A.M. w Warszawie; kierownik Prof. dr Irena Hausmanowa-Petruszewicz, z Kliniki Dermatologicznej A.M. w Warszawie; kierownik prof. dr Stefania Jablonska.

(SCLERODERMA diag) (ELECTROMYOGRAPHY)

KOZMINSKA, Anna

Snedden-Wilkinson disease (pustulosis subcornealis). Przegl. derm. 48 no.4:329-339 Jl-Ag '61.

1. Z Kliniki Dermatologicznej AM w Warszawie Kierownik: prof. dr S. Jablonska.

(SKIN dis)

KOZMINSKA, Anna

Side effects and contra-indications for corticosteroid therapy.
Przegl. derm. 48 no.6:525-532 '61.

1. Z Kliniki Dermatologicznej AM w Warszawie Kierownik: prof. dr S. Jablonska.

(ADRENAL CORTEX HORMONES toxicol)

HAUSMANOWA-PETRUSEWICZ, Irena; KOZMINSKA, Anna

Muscular changes during the course of experimental administration of triamcinolone. Pol. tyg. lek. 17 no.28:1093-1098 9 Jl '62.

1. Z Kliniki Neurologicznej AM w Warszawie; kierownik: prof. dr. Irena Hausmanowa-Petrusewicz i z Kliniki Dermatologicznej AM w Warszawie; kierownik: prof. dr Stefania Jablonska.
(TRIAMCINOLONE) (ELECTROMYOGRAPHY)

KOZMINSKA, Anna

Nosological specificity of dermatosis pustulosa subcornealis in the group of bullous diseases. Przegl. derm. 49:85-88 '62.

1. Z Kliniki Dermatologicznej AM w Warszawie Kierownik: prof. dr S. Jablonska.

(DERMATOLOGY) (DERMATITIS HERPETIFORMIS)
(PSORIASIS)

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