SYCHEVA, L.S.

Disease incidence among the population of Kishinev of rheumatism and its age and sex characteristics. Zdravookhranenie 5 no.4:8-11 Jl-Ag '62. (MIRA 15:9)

1. Iz kafedry organizatsii zdravookhraneniya i istorii meditsiny (zav. - dotsent M.Ya.Gekhtman) Kishinevskogo meditsinskogo instituta.

(KISHINEV--RHEUMATIC FEVER)

DERZHAVIN, B.A., khudozhnik; NEDACHIN, A.K., khudozhnik; PESTEL', S.Ye., khudozhnik; SYCHEVA, M.A., khudozhnik

Artistic finishes for cotton and staple fabrics. Tekst.prom. 19 no.1:20-24 Ja '59. (MIRA 12:1)

1. Vsesoyuznyy institut assortimenta izdeliy legkoy promyshlennosti i kul'tury odezhdy.
(Textile fabrics) (Color in the textile industries)

SYCHEVA, M. YA.

"Theoretical Basing of Principlea of Gas Dynamic Calculation of Main Gas Pipe Lines."

report presented at the 13th Scientific Technical Conference of the Kuybyshev Aviation Institute, March 1959.

ROGACHEVA, A.I., kandidat tekhnicheskikh nauk; MATROZOVA, R.G., kandidat tekhnicheskikh nauk; NEKHOTENOVA, T.I., kandidat tekhnicheskikh nauk; SYCHEVA, M.Ye., starshiy nauchnyy sotrudnik.

Schedule for the sterilization of canned foods. Trudy VNIIKP no.3: 32-47 '54. (MLRA 9:8)
(Canning and preserving) (Sterilization)

SYCHEVA, M.Ye.

KOCHETOVA, L.T., starshiy nauchnyy sotrudnik.;RUNICH, K.N.;FEDOROVICH, G.A., mladshiy nauchnyy sotrudnik.;SYCHEVA, M.Ye.

New varieties of canned sardines and anchovies. Ref. nauch. rab. VNIIKOP no.3:17-22 '55. (MLRA 9:11)
(Anchovies) (Sardines)

SYCHEVA, M.Ye.

KOTLYAR, I.Kh., kandidat tekhnicheskikh nauk.;KOCHETOVA, L.T., starshiy nauchnyy sotrudnik.;SKOPCHENKO, G.A., starshiy nauchnyy sotrudnik.;SYCHEVA, M.Ye., mladshiy nauchnyy sotrudnik.

Change in quality of canned baby foods during storage. Ref. nauch. rab. VNIIKOP no.3:22-27 '55. (MLRA 9:11)

(food, Canned--Storage) (food--Bacteriology)

APT, F.S.; KOSTROVA, Ye.I.; MATROZOVA, R.G.; NEKHOTENOVA, T.I.; ROGACHEVA, A.I.; NOSKOVA, G.L., kand. biol. nauk, retsenzent; SYCHEVA, M.Ye., mikrobiolog, retsenzent; NAMESTNIKOV, A.F., kand. tekhn. nauk, spets. red.; MURASHEVA, O.I., red.; SOKOLOVA, I.A., tekhn. red.

[Microbiological control in the canned food, concentrated food and dried vegetables industry] Mikrobiologicheskii kontrol' konservnogo, pishchekontsentratnogo i ovoshchesushil'nogo proizvodstva. Moskva, Pishchepromizdat, 1961. 114 p. (MIRA 14:11)
(FOOD—MICROBIOLOGY)

SYCHEVA, M.Ye.

Optimum conditions for the sterilization of canned green peas in a continuous "Maser and Platz" sterilizer. Kons. i ov. prom. 16 no.11:20-21 N '61. (MIRA 14:11)

1. Krasnodarskiy nauchno-issledovatel'skiy institut pishchevoy promyshlennosti.
(Peas, Canned--Sterilization)

L 18283-65 EWP(e)/EPA(s)-2/EWT(m)/EPF(n)-2/EPA w-2/EWF(b) Pt-10/Pu-4/Pab-10
WF

ACCESSION NR: AP4045452 S/0072/64/000/009/0026/0030

AUTHOR: Loshkarev, B. A. (Candidate of technical sciences); Barmina, T. F. (Engineer); [illegible]

SOURCE: Steklo i keramika, no. 9, 1964, 26-30

TOPIC TAGS: ZnO TiO_2 system, briquetting, ceramic semiconductor ceramic property stabilization

ABSTRACT: The effects of varying conditions in the [illegible] of ZnO-TiO_2 materials and [illegible] were studied. Using properties of the final ceramics. Studies run on 77.5% ZnO-22.5% TiO_2 mixtures showed the following conditions to be optimum for briquetting the moist materials. Up to 70% solids was optimum, lesser amounts did not significantly affect shrinkage

Card 1/3

L 18283-65
ACCESSION NR: AP4045452

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and other indices, but greater amounts impaired ceramic properties--increased **porosity and decreased specific weight. Optimum firing temperature was about** 1200C; the product obtained had a 14% linear shrinkage, specific weight of 4.67 gm/cm^3 and 2% water adsorption, higher temperatures weakened the briquet. A 3% aqueous solution of polyvinyl alcohol was an effective binder. In briquets comprising 80% ZnO, 20% TiO_2, 2 and 4% Al_2O_3 and 0.5, 1, 2, 3, 4, 6 and 10% ZrO_2, 8% by weight of the binder solution was optimum, and in compositions comprising 77% ZnO, 23% TiO_2, and reversed above proportions of Al_2O_3 and ZrO_2 required 9% binder; less binder did not gel and resulted in a product of lower mechanical strength. Optimum compression pressure was 500-600 kg/cm^2, although varying pressure from 300-800 kg/cm^2 had little effect on the properties of the fired samples. On changing pressure from 300-1200 kg/cm^2 the material [illegible]

[illegible] Maintaining the above conditions resulted in semiconductors having lower variation in their ceramic properties and in their specific resistance. In systems containing [illegible] ZnO resistivity varied from 10^3 to 10^{10} ohm [illegible]

Card 2/3

L 10283-65
ACCESSION NR: AP4045452

briquets prepared under proposed conditions, the specific volume resistivity was maintained within the order of 10^5 ohm-cm and the specific surface resistivity

ASSOCIATION: Ural'skiy politekhnicheskiy institut im. S. M. Kirova (Ural Polytechnical Institute)

SUBMITTED: 00 ENCL: 00

SUB CODE: MT NO REF SOV: 001 OTHER: 001

Card 3/3

GVIRTS, D.M.; SERYLOVA, L.V.; KUZ'MINA, L.I.; BELYAYEVA, V.Ye.; SYCHEVA, N.A.; BALAYEV, G.A., red.

[ED-5, ED-6, ED-P and ED-L diane epoxy resins general information] Dianovye epoksidnye smoly marok ED-5, ED-6, ED-P, ED-L; obshchie svedeniia. Leningrad, Pt.1. 1965. 14 p. (MIRA 18:7)

L 08597-67 EWT(d)/EWP(1) IJP(c) GG/BB
ACC NR: AR6029285 SOURCE CODE: UR/0044/66/000/006/V057/V058

AUTHOR: Zaslavskiy, A. Ye.; Sycheva, N. M. 43

TITLE: A problem of optimum pattern recognition 16

SOURCE: Ref. zh. Matematika, Abs. 6V383

REF SOURCE: Sb. Vychisl. sistemy. Vyp. 19, Novosibirsk, 1965, 35-65

TOPIC TAGS: adaptive pattern recognition, medical equipment, medical experiment, algorithm, diagnostic instrument, diagnostic medicine, ballistocardiography

ABSTRACT: An algorithm for the diagnostics of heart diseases from the ballistocardiograms (BCG) is established using the methods of the theory of checking statistical hypothesis. The heights of peaks and the distances between them are used as signs (altogether up to 13 signs per BCG). The normal distribution of these signs was determined experimentally. Using the estimates of the parameters of the corresponding normal distribution, one establishes the function of the likelihood ratio. One hundred BCG of healthy persons and 93 BCG with "stenocardia" diagnosis were used for the criterion establishment (learning). Checking was carried out on 32 additional BCG with "stenocardia" diagnosis, 28 of which were correctly identified. Tables are given corresponding to various methods for the choice of signs. [Translation of abstract] 4 illustrations and bibliography of 5 titles. V. Sh.

SUB CODE: 06,09
Card 1/1 gd UDC: 51:681.41:155

BOBROVA, T.I.; TSAREVA, T.I.; SYCHEVA, N.N.

Cholesteatomas of the cauda equina of the spinal cord after tuberculous meningitis in children treated by intralumbar streptomycin. Zhur.nevr.i psikh. 60 no.7:802-805 '60.
(MIRA 14:1)

1. Detskoye otdeleniye (zav. - prof. K.P. Berkos) Moskovskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. V.F. Chernyshev).

(NERVES, SPINAL—TUMORS) (MENINGES—TUBERCULOSIS)
(STREPTOMYCIN)

SYCHEVA, N.N.

Public inspection of the carrying out of plans for scientific research and the introduction of 1963 scientific achievements conducted by the Scientific Technological Society for Nonferrous Metallurgy. TSvet. met. 37 no.6:87-88 Je '64. (MIRA 17:9)

BOROVKOV, A.A.; MARKOVA, N.P.; SYCHEVA, N.M.; SHPAKOVSKAYA, L.I., red.

[Tables for N.V.Smirnov's criteria of the uniformity of two samples] Tablitsy dlia kriteriev N.V.Smirnova odnorodnosti dvukh vyborok. Novosibirsk, Redaktsionno-izd. otdel Sibirskogo otd-niia AN SSSR, 1964. 139 p.
(MIRA 17:6)

BOBKOVA, T.P., prepodavatel' kursov kroyki i shit'ya; GURBO, A.I., prepodavatel' kursov kroyki i shit'ya; ZHIVAYEVA, Ye.I., prepodavatel' kursov kroyki i shit'ya; ZEMSKOVA, O.V., prepodavatel' kursov kroyki i shit'ya; LYSENKO, A.V., prepodavatel' kursov kroyki i shit'ya; MARTOPLYAS, L.V., prepodavatel' kursov kroyki i shit'ya; MARTYNOVA, F.V., prepodavatel' kursov kroyki i shit'ya; PANOVA, V.P., prepodavatel' kursov kroyki i shit'ya; POMINOVA, M.G., prepodavatel' kursov kroyki i shit'ya; RYZHICHKINA, M.I., prepodavatel' kursov kroyki i shit'ya; SYCHEVA, T.A., prepodavatel' kursov kroyki i shit'ya; FILANOVICH, O.F., prepodavatel' kursov kroyki i shit'ya; BRUNEVSKAYA, M., red.; TRUKHANOVA, A., tekhn. red.

[Practical handbook on garment cutting and sewing] Prakticheskoe posobie po kroike i shit'iu. 4. izd. Minsk, Gos.izd-vo BSSR Red. nauchno-tekhn.lit-ry, 1961. 607 p. (MIRA 14:12)

1. Misnskiy Okruzhnoy Dom ofitserov im. K.Ye.Voroshilova i klub im. F.E.Dzerzhisnkogo (for all except Brunevskaya, Trukhanova).
(Dressmaking—Pattern design) (Sewing)

USSR/Physics - Magnetic field FD-3120

Card 1/1 Pub. 153 - 19/24

Author : Sycheva, T. M.

Title : Investigation of the magnetic field of vortical currents in planar specimens

Periodical : Zhur. tekh. fiz., 25, No 6 (June), 1955, 1132-1139

Abstract : The author presents experimental data on an investigation of vortical currents in planar specimens (disks) moving in a constant magnetic field. He measured the primary field and resulting field during rotation of the disks by the commutation method. For the possible comparison of experimental results with theoretical calculations the authors considered the knife-shaped pole as a system of filaments situated in one plane. The author notes that the problem of vortical currents occurring in moving bodies is of great interest for theoretical electrical engineering and practical defectoscopy, but has been but little studied, the literature on the utilization of such currents in defectoscopy also being very meager. The author concludes from an analysis of obtained curves that the curves of distribution of resulting field in the case of moving disk (copper) and nonmoving disk practically do not differ, and the displacement of the neutral to the side of motion is very small, these facts indicating that comparatively very weak vortical currents must occur in a steel disk. He thanks A. B. Sapozhnikov for his guidance.

Institution :

Submitted : May 7, 1954

Sycheva, T.M.

USSR/Magnetism - General Problems F-1

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 11952

Author : Sycheva, T.M.
Inst : -
Title : Experimental Investigations of the Magnitic Field of Eddy Currents in Bulk Specimens.

Orig Pub : Tr. Sibirsk. fiz-tekhn. in-ta pro Tomshomfun-te, 1956, vyp. 35, 75-86

Abstract : No abstract.

Card 1/1

S/058/61/000/009/044/050
A001/A101

AUTHORS: Sychev, V.P., Sycheva, T.M.

TITLE: Equation of energy balance of an electron in electric discharge

PERIODICAL: Referativnyy zhurnal. Fizika, no. 9, 1961, 248, abstract 9Zh60 ("Uch. zap. Kishinevsk. un-t", 1960, v. 55, 43 - 46)

TEXT: The authors present a quantitative estimate of elastic and inelastic energy losses of electrons in a glow discharge. In the way from the cathode to the anode the electron gains energy on account of the external electric field and loses it at elastic and inelastic collisions with gas molecules. By solving the equation of energy balance for electrons, the authors derive an expression for the limiting value of electron energy determining the electronic temperature of the plasma. The calculational results agree qualitatively with experimental data.

I. Flaks

[Abstracter's note: Complete translation]

Card 1/1

S/194/62/000/001/018/066
D201/D305

AUTHOR: Sycheva, T. M.

TITLE: The shift of the neutral line

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 1, 1962, abstract 1-2-44t (Uch. zap. Kishenevsk. un-t, 1960, 55, 233-239)

TEXT: The solution is given of the problem of determining the shift of the neutral line of a magnetic field affected by a moving electro-conducting sample, as applied to defect detection and based on the utilization of induction currents. Because of the complexity of the general case solution, 3 particular cases are analyzed: The drift in the phase of the sample at distances 1.5 and 2.5 cm at various velocities of the sample motion; the shift which is proportional to the velocity when it is small, reaches a maximum and decreases with further increase of velocity; with increased distances from the sample the maximum decreases and shifts towards smaller velocities. The theory was confirmed by experiment. From the results

Card 1/2

S/194/62/000/003/018/066
D230/D301

AUTHOR: Sycheva, T. M.

TITLE: Induction currents in a non-magnetic sample

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 3, 1962, abstract 3-2-85ya (Uch. zap. Kishinevsk. un-t, 1960, 55, 251-258)

TEXT: Describes a method for calculating induction currents in a non-magnetic sample for flow detection. A case is considered when the strips are represented as magnetized filaments. The relation between the induction current fields, the resulting field and current density on the one hand, and motor speed of the non-magnetic plane sample of small thickness on the other, is found using the method of successive approximations. Theoretical results are verified experimentally. 5 figures. 2 references. [Abstracter's note: Complete translation.]

Card 1/1

SYCHEV, V.P.; SYCHEVA, T.M.

Flow of electrode matter to the discharge gap of an a-c arc. Uch. zap. Kish. un. 49:114-118 '61. (MIRA 15:7)
(Electric arc)

CH

10

1,1'-Dimethyl-2,2'-dihydroxydiethylamine. A. Ya. Berlin and T. P. Sycheva (All Union Chem.-Pharm. Research Inst., Moscow). *Zhur. Obshchei Khim.* (J. Gen. Chem.) **20**, 577-80(1950).—Attempted reduction of $[MeCH(CN)]_2NH$ by H over Raney Ni in the presence of NH_3 failed even at 60° at 15 atm. H; a trace of diamino deriv. formed possibly from EtOH-Na reduction, but the yield was extremely poor. Reductive amination of $AcCH_2OH$ in the presence of NH_3 over Adams Pt oxide also failed; however, 30 g. acetol, 85 ml. 13% NH_4OH, and 5 g. Raney Ni shaken 5 hrs. at 80-90° with 15 atm. H gave a small amt. of *bis-acetol di-Me acetal*, $MeO(Me)C(OCH_2C(MeO)MeCOCH_3)_2$, m. 120.5-7.0°, and 8 g. fairly pure *MeCH(NH$_2$)CH$_2$OH*, b_{16} 70-6° (*phenylthiourea deriv.*, m. 141°). This (1.1 g.) treated with 2 g. BzCl in 5% NaOH gave the *monobenzoate*, m. 104.5-6.0° (from dil. EtOH). Hydrogenation of 7.4 g. $MeCH(NH_2)CH_2OH$ and 6.2 g. acetol over Pt black in MeOH at atm. pressure gave in 4 hrs. 7.8 g. $[MeCH(CH_2OH)]_2NH$, b_{16} 141°, d_4^{25} 1.0146, n_D^{25} 1.4702; *picrate*, yellow plates, m. 195-6° (from EtOH).

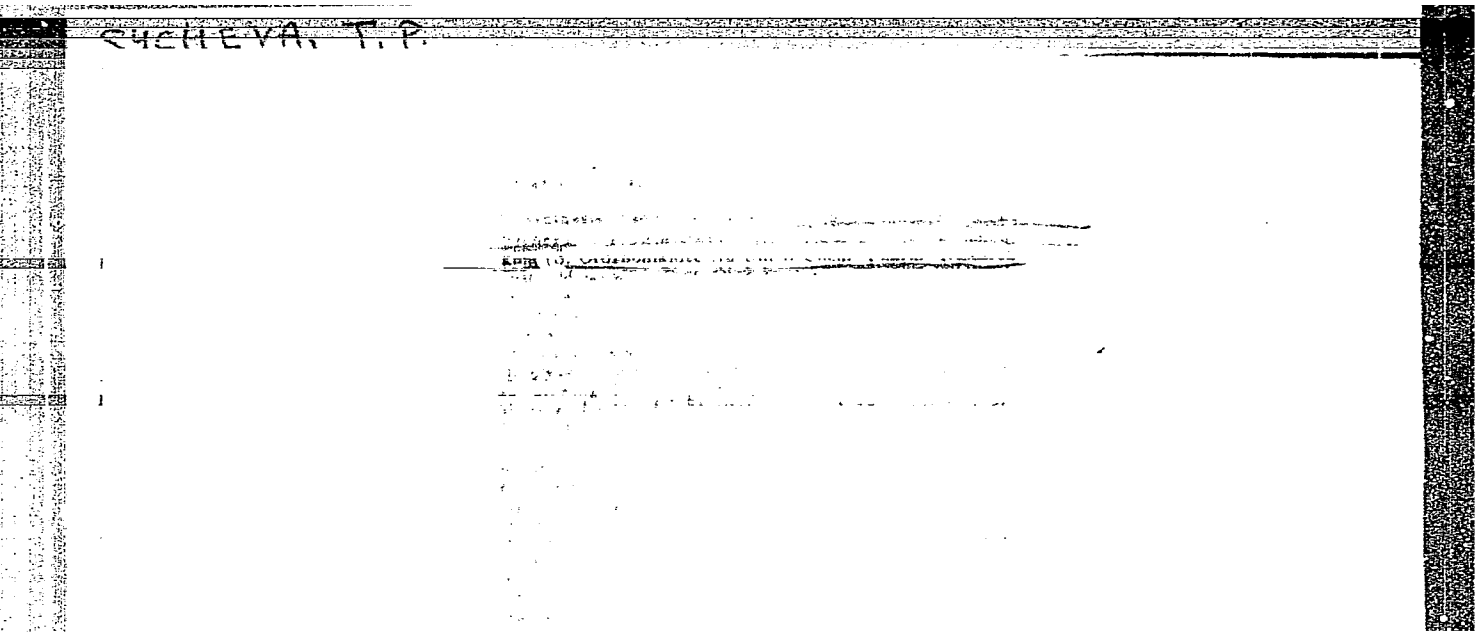
G. M. Kosolapoff

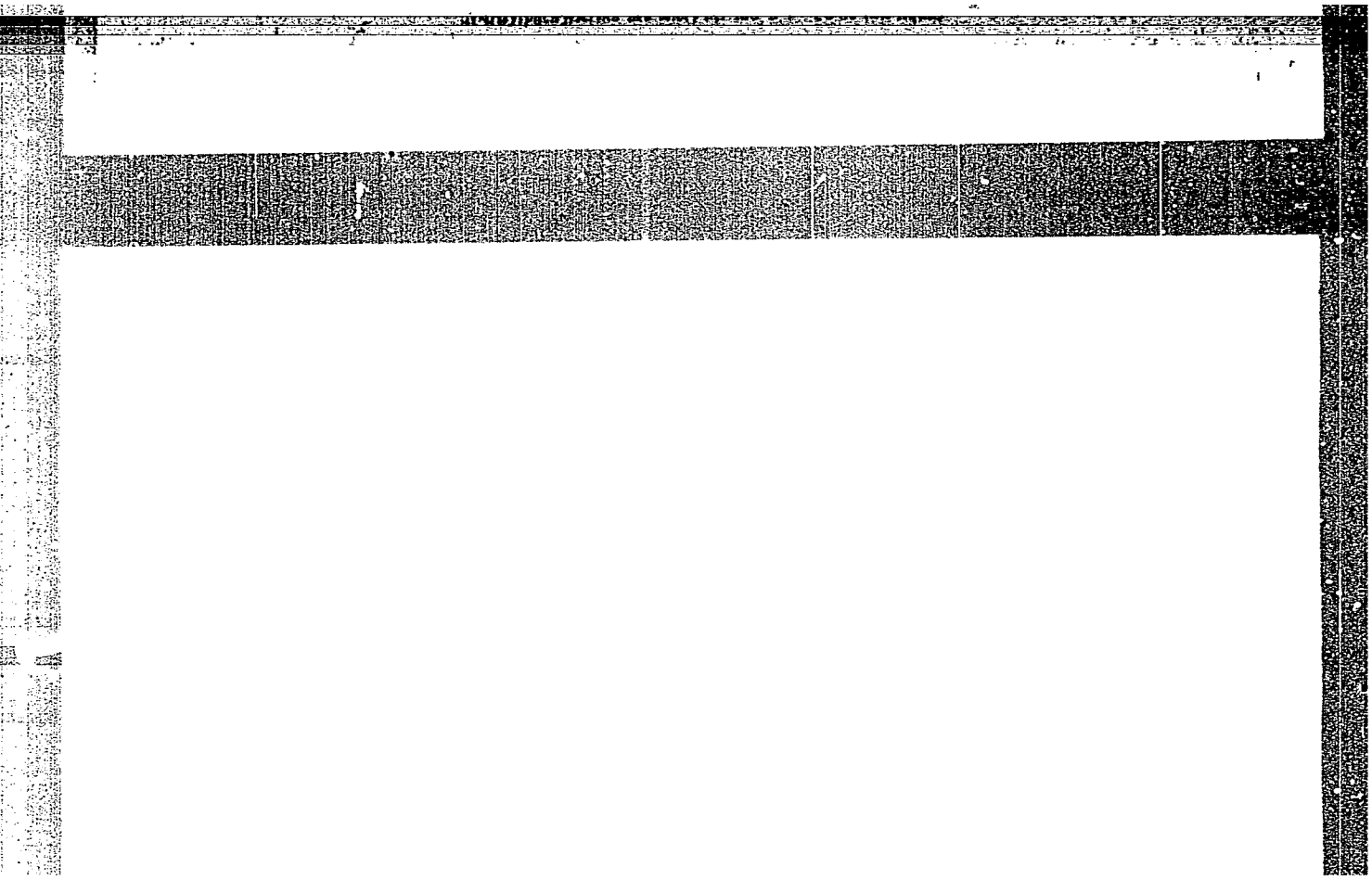
CA

11

C-Alkyl-substituted morpholines. A. Ya. Berlin and T. P. Sycheva (S. Ordzhonikidze All-Union Chem. Pharm. Research Inst., Moscow). *Zhur. Obshchei Khim.* (J. Gen. Chem.) **20**, 630-7(1950).—Addn. of 15 g. propylene oxide in 15 ml. EtOH at 0–5° to 80 g. freshly distd. $H_2NCH_2CH_2OH$ in 100 ml. EtOH gave 60% *HN(CH₂CH₂OH)(CH₂CHMeOH)*, b_{10} 135°, n_D^{20} 1.4695, d_4^{20} 1.0422; *picrate*, m. 120.5 1.0° (from EtOH-C_6H_6). The product (14.4 g.) carefully added to 12 ml. concd. H_2SO_4 with cooling, followed by 8 hrs. at 170–80° and the usual isolation, gave *2-methylmorpholine-HCl*, which with powd. KOH, gave 80%; *free base*, b. 131 0°, n_D^{20} 1.4400, d_4^{20} 0.9581; *phenylthiourea deriv.*, m. 136.5–7.0° (from H_2O). Similarly, 5 g. $H_2NCHMeCH_2OH$ and 1.5 g. ethylene oxide in EtOH gave 93%, *HN(CH₂CH₂OH)CHMeCH₂OH*, b_{10} 151 2°, n_D^{20} 1.4707, d_4^{20} 1.0997; *picrate*, m. 101.5 2.0° (from abs. EtOH-EtOAc). The product treated with H_2SO_4 as above gave 83%, *3-methylmorpholine*, b. 133 4°, n_D^{20} 1.4517, d_4^{20} 0.9591; *phenylthiourea deriv.*, m. 121.5–2.5° (from dil. EtOH). Repetition of the above prepn. with propylene oxide (in MeOH) gave 70%; *HN(CHMeCH₂OH)(CH₂CHMeOH)*, b_{10} 140°, n_D^{20} 1.4609, d_4^{20} 1.0120, which similarly yielded 88%; *2,5-dimethylmorpholine*, b. 145°, n_D^{20} 1.4459, d_4^{20} 0.9362; *phenylthiourea deriv.*, m. 145–7° (from 50% EtOH). Dehydration by H_2SO_4, as above, of $HN(CHMeCH_2OH)_2$ gave 94%; *3,5-dimethylmorpholine*, b. 142.5°, n_D^{20} 1.4460, d_4^{20} 0.9308; *phenylthiourea deriv.*, m. 122–3° (from MeOH). $H_2NCH_2CH_2OH$ (10 g.) with 4 g. α-butylene oxide in abs. EtOH gave 61% *HN(CHEtCH₂OH)CH₂CH₂OH*, b_9 137°, n_D^{20} 1.4651, d_4^{20} 1.0115, which on dehydration as above gave 51% *2-ethylmorpholine*, b. 141°, n_D^{20} 1.4499, d_4^{20} 0.9527; *phenylthiourea deriv.*, m. 120–7° (from EtOH). Similarly, $H_2NCHMeCH_2OH$ gave *HN(CHMeCH₂OH)CH₂CHEtOH*, b_9 134–6°, m. 76.6 9.0° (from abs. EtOH); *picrate*, m. 115–16.5° (from Et_2O-EtOH); dehydration, as above, gave 94.8% *2-ethyl-5-methylmorpholine*, b. 102 1°, n_D^{20} 1.4480, d_4^{20} 0.9231; *phenylthiourea deriv.*, m. 117 19° (from dil. EtOH). The use of satd. NH_3 in abs. EtOH in the above reaction gave an unstated yield of *HN(CH₂CHEtOH)₂*, b_{10} 145 6°, m. 79.5 80.5° (from Et_2O); *picrate*, m. 145 7° (from EtOH); dehydration gave 70% *2,6-diethylmorpholine*, b. 178–9°, n_D^{20} 1.4550, d_4^{20} 0.9175; *phenylthiourea deriv.*, m. 106–7° (from dil. EtOH). The reactions with olefin oxides proceed as well in abs. as in moist abs., i.e. 95% EtOH.

G. M. Kosolapoff





SYCHEVA, T. P. 232T32

USSR/Chemistry - Pharmaceuticals Sep 52

"The Synthesis of Some p-Alkylsulfonylbenzaldehydes," M. N. Shchukina, T. P. Sycheva, All-Union Sci Res Chem-Phar Inst imeni S. Ordzhonikidze, Moscow

"Zhur Obshch Khim" Vol 22, No 9, pp 1663-1667

A method of prepg p-alkylsulfonylbenzaldehydes was developed which consists of the oxidation of alkyl-p-tolylsulfones with chromic anhydride in the presence of glacial acetic acid, acetic anhydride, and concentrated sulfuric acid. A number of

232T32

p-alkylsulfonylbenzaldehydes and their derivs were obtained.

232T32

SYCHEVA, T. P.

Chemical Abst.
Vol. 48 No. 8
Apr. 25, 1954
Organic Chemistry

(3) Acids

Synthesis of some p-(alkylsulfonyl)benzaldehydes. V. M. N. Shchukina and T. P. Sycheva. J. Gen. Chem. (U.S.S.R.) 22, 1705-8(1952)(Engl. translation).—See C.A. 47, 9208f. H. L. H.

B-30-59

SYCHEVA, T. P.

Shchukina, M. N., Sycheva, T. P.-"Synthesis of some analogs of phenylalanine." (p. 1879)

SO: Journal of General Chemistry, (Zhurnal Obshchei Khimii), 1952, Vol. 22, No. 10

USSR/Chemistry - Synthetic Drugs Nov 52

"Synthesis of Certain Zingiberone Analogues: V. Derivatives of Resorcinol," A. Ya. Berlin and T. P. Sycheva, All-Union Sci-Res Chem-Pharm Inst imeni S. Ordzhonikidze.

"Zhur Obshch Khim" Vol 22, No 11, pp 1998-2003

The authors were faced with the question of whether the relative positions of the hydroxyl and methoxy groups in the benzene nucleus of compds similar to zingiberone [a] constituent of oil of ginger] had any effect on the physiological action of those compds. To determine this, they synthesized a series of compds similar to zingiberone which were derivs of resorcinol and had the hydroxyl and methoxy groups placed in different positions in the nucleus. It was ascertained that these substances had practically no burning taste.

238T31

SYCHEVA T. T.

238T31

SYCHEVA T. P.

238T32

USSR/Chemistry - Synthetic Drugs Nov 52

"Synthesis of 1-Methoxyphenanthridine," A. Ya. Berlin and T. P. Sycheva, All-Union Sci-Res Chem-Pharm Inst imeni S. Ordzhonikidze

"Zhur Obshch Khim" Vol 22, No 11, pp 2003-2006

1-methoxyphenanthridine, 1-hydroxyphenanthridine, and a whole series of new derivs of biphenyl were synthesized and described.

238T32

SYCHEV., .. P.

4

② Chem

1 Synthesis of 4-methoxyphenanthridine. A. Ya. Berlin and T. P. Sycheva. *J. Gen. Chem. U.S.S.R.* 22, 2055–7 (1952)(Engl. translation).—See *C.A.* 47, 9330b.

H. L. H.

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Organic Chemistry

SYCHEVA, T. P.

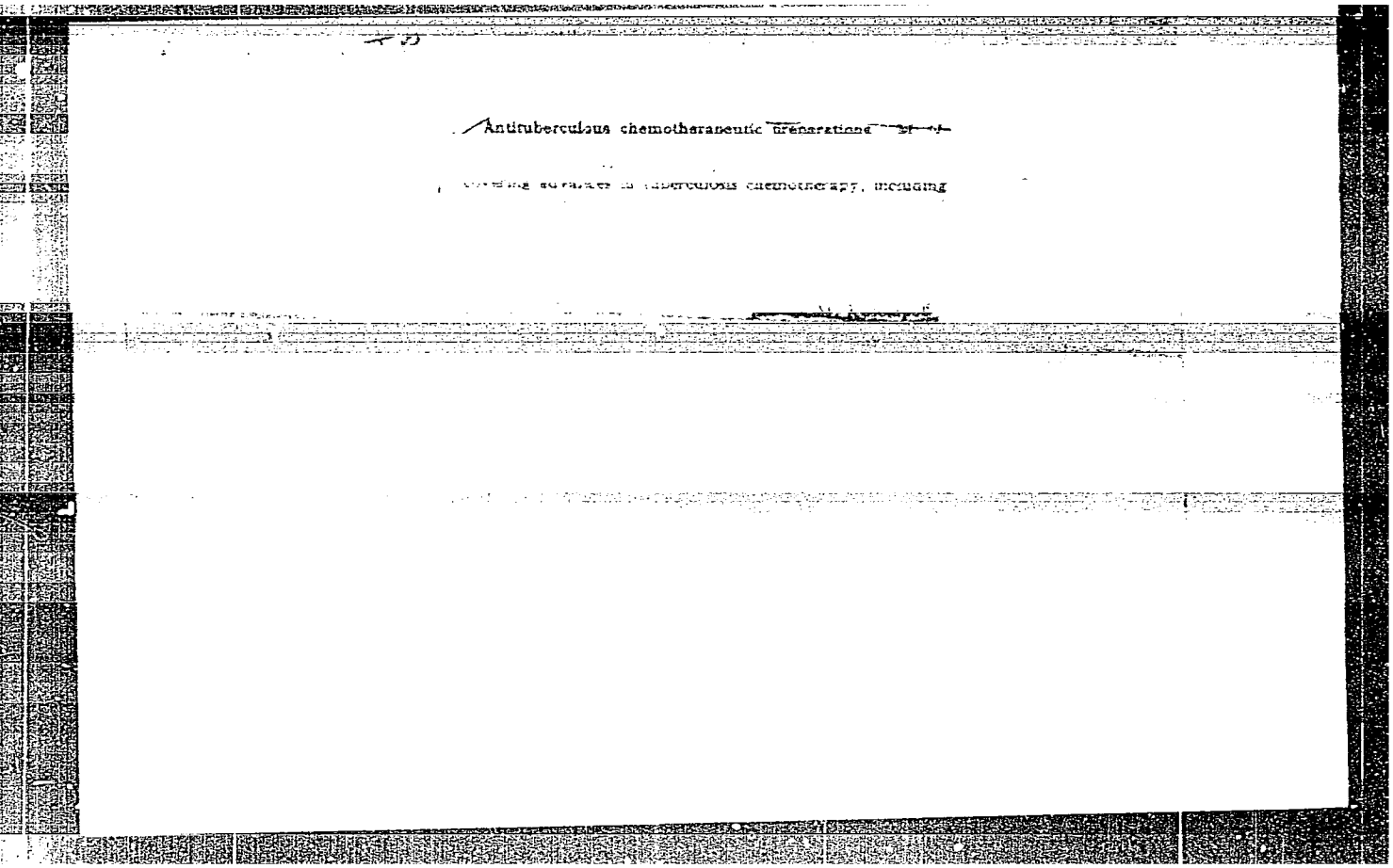
Synthesis of *N*-substituted derivatives of *p*-sulfamoylbenzaldehyde and its thiosemicarbazones. T. P. Sycheva and M. N. Sachukina (S. Ordzhonikidze All-Union Chem. Pharm. Inst., Moscow). *Sbornik Statei Obshchei Khim. Akad. Nauk S.S.S.R.* 1, 527–32(1953).—To 17.1 g. *p*-$MeC_6H_4SO_2Cl$ in 142 ml. AcOH and 142 ml. Ac_2O was added with cooling to 0°, 21.5 g. concd. H_2SO_4, followed by 25 g. powd. CrO_3 at 9–12°, and the mixt. stirred 0.5 hr., and quenched in ice to yield 25.3 g. solid product which was extd. with cold $(CH_2Cl)_2$ leaving 3.4 g. *p*-$ClSO_2C_6H_4CH(OAc)_2$, m. 225.6° (decompn.). The ext. on evapn. gave 50% *p*-$ClSO_2C_6H_4CH(OAc)_2$ (I), m. 111–13° (from Me_2CO-petr. ether). To 30 ml. Me_2CO, 15 ml. H_2O and 5 ml. 25% NH_4OH was added with cooling 5 g. I in Me_2CO at 5°; after evapn. of Me_2CO there was obtained 83.3% *p*-$H_2NSO_2C_6H_4CH(OAc)_2$, m. 143–5° (from EtOH); refluxing this with aq. alc. H_2SO_4 1 hr. gave 81.6% *p*-$H_2NSO_2C_6H_4CHO$, m. 123–4°, which with thiosemicarbazide in aq. EtOH gave the *thiosemicarbazone*, m. 227°. Refluxing I with 1:10 HCl gave on evapn. and treatment with NaCl a ppt. of *p*-$NaO_3SC_6H_4CHO$-*thiosemicarbazone*, $C_8H_9O_3N_4S_2$, decomp. 230°, which, when neutralized with NaOH, gave the *corresponding Na salt*, a solid. Similarly I gave the following *p*-$RSO_2C_6H_4CH(OAc)_2$ (*R* given): Et_2N, 91%, m. 86–7.5°; Pr_2N, 96%, m. 81–2°; $BuNH$, 98%, m. 105–7°; $C_6H_{11}NH$, 67%, m. 80–8°; morpholino, 98%, m. 133–5°; *p*-$O_2NC_6H_4NH$, 18%, m. [illegible]; *p*-$MeOC_6H_4NH$, 93%, m. 126–8°; *2-pyridylamino*, [illegible]; *4-carboxy-3-hydroxyphenylamino* monohydrate, [illegible]. These were hydrolyzed as above to the [illegible] given: Et_2N, 95%, m. 77–9°; Pr_2N, [illegible]; $BuNH$, no yield given, m. 74–6°; morpholino, 66%, m. 142–4°; *p*-$MeOC_6H_4NH$, 90%, m. 133–5°; *p*-$O_2NC_6H_4NH$, 89%, m. 133–5°; *2-pyridylamino*, [illegible]; *3-hydroxy-4-carboxyphenylamino*, 34%, m. 216–18°. The thiosemicarbazones, *p*-$RC_6H_4CH:NNHCSNH_2$, were made from the corresponding [illegible]: Et_2N, m. 205–8° (decomp.); Pr_2N, m. [illegible]; $O(CH_2CH_2)_2N$, m. 202–3°; $(C_5H_{10}N)$, m. 206–7°; $C_6H_{11}NH$, m. 207–8°; C_4H_9NH, m. 185–6°; morpholino, m. 206°; *p*-$MeOC_6H_4NH$, decomp. 212°; *p*-$O_2NC_6H_4NH$, decomp. 213–15°; *2-pyridylamino*, m. 217°; *3-hydroxy-4-carboxyphenylamino*, decomp. 233°.

C. M. Kosolapoff

SYCHEVA, T. P.; SAVITSKAYA, N. V.; and SHCHUKINA, M. N.

Synthesis of N-Substituted 4-Sulfamido Benzoic Acids. I. page 568. Sbornik statey po obshchey khimii (Collection of Papers on General Chemistry), Vol 1, Moscow-Leningrad, 1953, pages 762-766.

All-Union Sci Res Chemico-Pharmaceutical Inst imeni S. Ordzhonikidze



Antituberculous chemotherapeutic preparations

[illegible] agents in tuberculous chemotherapy, including

SYCHEVA, T. P.

USSR/Organic Chemistry - Synthetic Organic Chemistry, E-2

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61507

Author: Murav'yeva, K. M., Sycheva, T. P.

Institution: None

Title: Syntheses in the Series of Aromatic Derivatives of Thiourea

Original Periodical: Zh. obshch. khimii, 1956, 26, No 3, 898-903

Abstract: By interaction of RCONCS and $R'NH_2$ have been synthesized a number of substances of type $RCONHCSNHR'$ (I) to test their antituberculer activity in comparison with (p = $C_2H_5OC_6H_4NH)_2CS$ (II). To solution of 5.9 g p-phenetidine (III) in 25 ml C_6H_6 added in 20 minutes solution of 7 g C_6H_5CONCO in 25 ml C_6H_6 and separate I (R = C_6H_5, R' = $C_6H_4OC_2H_5$-p), yield 89% MP 147-148° (from alcohol). Analogously prepared were the following I (listing R, R', duration of heating in minutes, yield in %, MP in ° C): p-$NO_2C_6H_4$, p-$C_2H_5OC_6H_4$, 90, 88.7, 167-168.5; p-$(CH_3)_2NC_6H_4$, p-$C_2H_5OC_6H_4$, 120, 80, 181-182 (from CH_3COOH and from alcohol); p-$NO_2C_6H_4$, p-$CH_3C_6H_4$, 60, 90,

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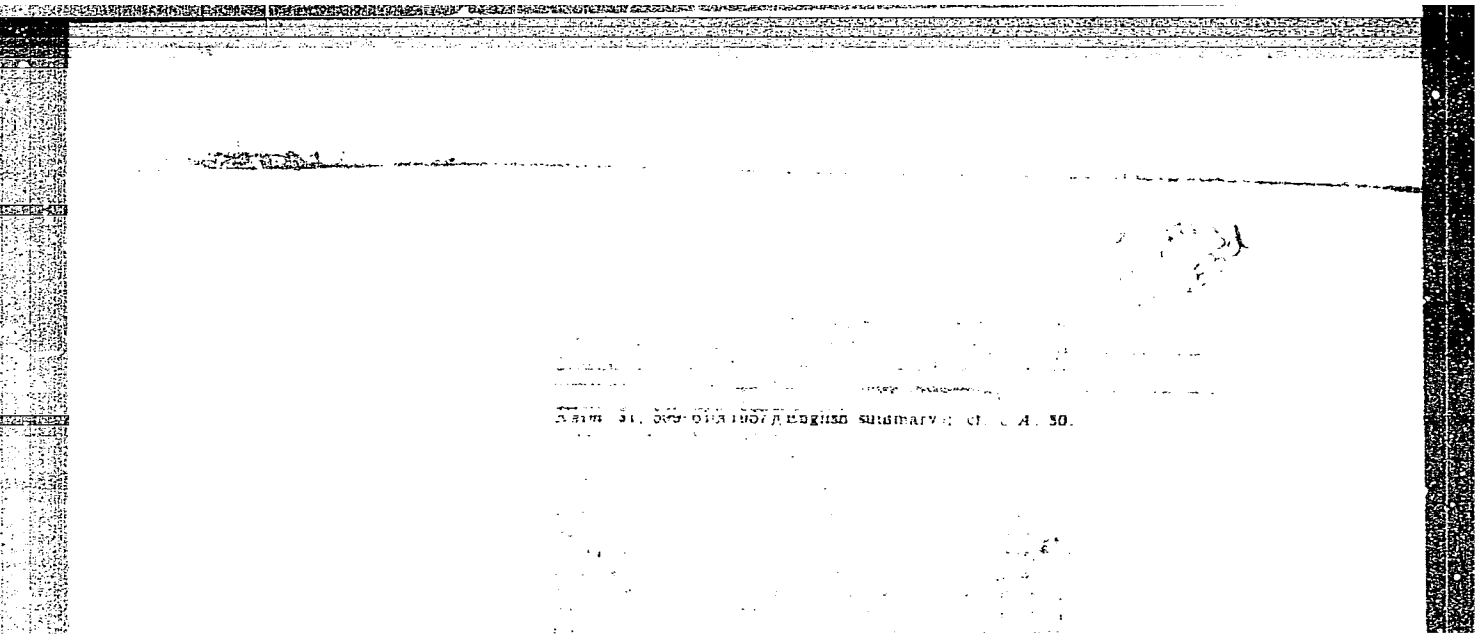
SYCHEVA, T.P.

SYCHEVA, T.P.; LEBEDEVA, I.V.; TRUPP, T.Kh.; SHCHUKINA, M.N.

Synthesis of some β-phenylcysteine derivatives. Zhur. ob. khim. 27 no.8:2287-2292 Ag '57. (MLRA 10:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze.
(Cysteine)



SYCHEVA, T.P.; LEBEDEVA, I.V.; SHCHUKINA, M.N.

Model synthesis of C^{14}-dimedrol. Khim.i med. no.11:77-82 '59.
(MIRA 13:6)

(DIPHENHYDRAMINE)

5(3)
AUTHORS: Sycheva, T. P., Lebedeva, I. V. SOV/79-29-4-20/77

TITLE: Compounds With Potential Antituberculous Activity (Soyedineniya s potentsial'noy antituberkuleznoy aktivnost'yu). I. Thioamides of Some Thiazole Carboxylic Acids (I. Tioamidy nekotorykh tiazolkarbonovykh kislot)

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 4, pp 1135-1139 (USSR)

ABSTRACT: The thioamides of various heterocyclic acids (Refs 1, 2) are compounds with potential antituberculous activity. Among the thioamides of pyridine carboxylic acids preparations were found with a considerably high chemotherapeutic effect. The introduction of the alkyl radical into the α-position of the pyridine nucleus increases, for instance, the activity of the thioamide of isonicotinic acid to a considerable extent. It was therefore of interest for the authors to synthesize the thioamides of thiazole carboxylic acids and also their methyl-substituted compounds and to investigate their activity. Similar thioamides were described only in a few publications (Refs 2 - 6). The authors synthesized the known thioamides of 5-amino-2-thiazole carboxylic acid (1 zh)

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and 5-thiazole carboxylic acid (1 e). In addition, several new thioamides were synthesized (1a), (1b), (1 v), (1g) and (1d) according to the general scheme

$$\underset{(IV)}{R\text{-}COOC_2H_5} \xrightarrow{NH_3} \underset{(III)}{R\text{-}CONH_2} \xrightarrow[\text{or } POCl_3]{P_2O_5} \underset{(II)}{R\text{-}CN} \xrightarrow{H_2S} \underset{(I)}{R\text{-}CSNH_2}$$

The esters of thiazole carboxylic acids (IV) were obtained by condensation of the α-halogen carbonyl compounds with thiourea or with thioamides of the simplest acids (formic-, acetic- and oxalic acid). By the influence of an aqueous or alcoholic ammonia solution upon the esters the amides of thiazole carboxylic acids were obtained in sufficient yield. Their transformation into nitriles was carried out according to two hydrogenation methods: for amides with a melting point below 160° with phosphorus pentoxide and for those with a melting point above 160° with phosphorus oxychloride (for details see the experimental section). All thioamides obtained as well as some intermediate products

Compounds With Potential Antituberculous Activity. SOV/79-29-4-20/77
I. Thioamides of Some Thiazole Carboxylic Acids

(amides and nitriles) did not exhibit a pronounced antibacterial activity. There are 13 references.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze (All-Union Scientific Chemicopharmaceutical Research Institute imeni S. Ordzhonikidze)

SUBMITTED: February 6, 1958

Card 3/3

SYCHEVA, T.P.; LEBEDEVA, I.V.; SHCHUKINA, M.N.

Reaction of α-methylthiazole with sulfur and amines. Zhur. VKHO 5 no. 2:234-235 '60. (MIRA 14:2)

1. Nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imen Sergo Ordzhonikidze.
(Thiazole) (Sulfur) (Amines)

SYCHEVA, T.P.

1,1-Methyleno-bis-isonicotinoylhydrazine (Metazide). Khim. i med. no.14: 5-9 '60. (MIRA 14:12)

1. Laboratoriya sinteza protivotuberkuleznykh preparatov Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S. Ordzhonikidze (VNIKhFI).
(METAZIDE)

SYCHEVA, T.P.; KUZ'MICHEVA, T.P.; CHERNYAYEVA, A.T.; TRUPP, T.Kh.; SHCHUKINA, M.N.

Synthesis of apressin. Med.prom. 14 no.2:13-17 F '60. (MIRA 13:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze.
(PHTHALAZINE)

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SOV/79-30-2-53/78

5 .3900

AUTHORS: Sycheva, T. P., Shchukina, M. N.

TITLE: Some Phthalazine Derivatives with Potential Chemotherapeutic Activity

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol 30, Nr 2, pp 608-611 (USSR)

ABSTRACT: This article deals with some phthalazine derivatives assumed to be effective against the tuberculosis bacillus. 1-Isoamyloxy-3-phenyl-4-phthalazone and its analogs with nitro, amino, and acetamino groups in para position on the phenyl radical, were synthesized by the authors to investigate their therapeutic activity. Phenyl- and p-nitrophenylhydrazines with phthalic anhydride yielded the corresponding 1,4-diketo-3-aryltetrahydrophthalazines which were subsequently alkylated. Catalytic hydrogenation of 1-isoamyloxy-3-(p-nitrophenyl)-phthalazone gave the corresponding amine, which was converted into its acetyl derivative. Since 1-hydrazinophthalazine is

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Some Phthalazine Derivatives with Potential Chemotherapeutic Activity

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biologically active, its hydrazones with such active autitubercular compounds as vanillin, p-acetaminobenzaldehyde, and p-dimethylaminobenzaldehyde were synthesized. Some derivatives of the phthalazone carboxylic acid were also obtained. None of the synthesized compounds, with the exception of 1-isoamyloxy-3-phenyl-4-phthalazone, showed any appreciable activity against tuberculosis bacillus. The last compound was tested on the tuberculosis strain $H_{37}Rv$, diluted 1 to 512,000 without serum, and 1 to 16,000 with serum. In experimental tuberculosis treatment of white mice, the compound was found to be totally inactive. Biological research was conducted under the supervision of G. N. Pershin at the chemotherapy department of the S. A. Vichkanov All-union Chemical and Pharmaceutical Scientific Research Institute. There are 11 references, 4 Swiss, 3 U.K., 1 U.S., 1 French, 1 Soviet, 1 German. The U.S. and U.K. references are: E. Bavin, D. Drain, et al., J. Pharm. Pharmac., 1952, 4, 11, 844; D. Drain, D. Seymour, J. Chem. Soc., 1955,

Card 2/3

Some Formamidine Derivatives with Potential Chemotherapeutic Activity

77902
SOV/79-30-2-53/78

3, 852; F. Rowe, J. Gillan, A. Peters, J. Chem. Soc., 1935, 11, 1808; M. Solotorovsky, F. Gregory, et al., Proc. Soc. Exp. Biol. Med., 79, 563 (1952).

ASSOCIATION: S. Ordzhonikidze All-Union Chemical and Pharmaceutical Scientific Research Institute (Vsesyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze)

SUBMITTED: February 2, 1958

Card 3/3

SYCHEVA, T.P.; SHCHUKINA, M.N.

Reaction of 2-methyloxazole with sulfur and amines. Zhur.VKHO 6 no.1:117-118 '61. (MIRA 14:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut im. S.Ordzhonikidze.
(Oxazole) (Amines) (Sulfur)

SYCHEVA, T.P.; NEKHLIN, Ya.G.; SHCHUKINA, M.N.

Synthesis of phenizine. Med. prom. 15 no.12:14-17 D '61. (MIRA 15:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze.
(HYDRAZINE)

LEBEDEVA, I.V.; SYCHEVA, T.P.; SHCHUKINA, M.V.

Compounds with a potential antituberculotic activity. Part 2: N-substituted thio amides of thiazolecarboxylic acids. Zhur. ob.khim. 31 no.8:2618-2623 Ag '61. (MIRA 14:8)
(Thiaxolecarboxylic acid)

KUZNETS, Ye.I.; SHASHKOV, V.S.; TER-VARTANYAN, L.S.; PREOBRAZHENSKAYA, M.N.; SUVOROV, N.N.; SYCHEVA, T.P.; SHCHUKINA, M.N.

Differences in the action of some monoamine oxidase inhibitors in vitro and in vivo. Dokl.AN SSSR 136 no.5:1231-1234 F '61. (MIRA 14:5)

1. Predstavleno akad. A.N.Bakulevym.
(AMINE OXIDASE) (PHARMACOLOGY)

SYCHEVA, T.P.; TRUPP, T.Kh.; SHCHUKINA, M.N.

Compounds with a potential antitubercular activity. Part 3: Thio amides of 2-substituted 4-oxazolecarboxylic acids. Zhur.-ob.khim. 32 no.4:1071-1077 Ap '62. (MIRA 15:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S.Ordzhonikidze.
(Oxazolecarboxylic acid) (Amides)

S/079/62/032/007/004/007
I032/I232

AUTHORS: Golodnikov, G. V. and Sycheva T. P.

TITLE: Synthesis and properties of tributyl-(*p*-bromophenyl)-silane

PERIODICAL: Zhurnal obshchei khimii, v. 32, no. 7, 1962, 2305–2307

TEXT: Tributyl-(*p*-bromophenoxy)-silane, a compound not described in the literature hitherto, was synthesized by catalytic condensation (involving dehydrogenation) of tributyl-silane with *p*-bromophenol, in the presence of $SnCl_2$. Tributyl-(*p*-bromophenoxy)-silane reacted with magnesium to give a Grignard reagent, from which a carbinol could be obtained

$$n\text{-}(C_4H_9)_3SiOC_6H_4Br \xrightarrow{Mg} n\text{-}(C_4H_9)_9SiOC_6H_4MgBr \xrightarrow{CH_3CHO} n\text{-}(C_4H_9)_3SiOC_6H_4CHOHCH_3$$

Condensation of tripropyl-silane with *o*-bromophenol in the presence of $SnCl_2$ was attempted, but the products of reaction contained considerable amounts of hexapropyl-disiloxane, *o*-bromophenol, as well as 57.9% of the calculated amount of hydrogen. The tripropyl-(*o*-bromopjenoxy)-silane is considered to have undergone hydrolytic dissociation.

ASSOCIATION: Leningradskii gosudarstvennyy universitet (Leningrad State University)

SUBMITTED: July 5, 1961

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SYCHEVA, T.P.; TRUPP, T.Kh.; SHCHUKINA, M.N.

Compounds with a potential antitubercular activity. Part 4: N-substituted thioamides of 4-oxazolecarboxylic acids. Zhur.ob. khim. 32 no.9:2882-2885 S '62. (MIRA 15:9)

1. Vsesoyuznyy nauchno-issledocatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze.
(OXAZOLECARBOXYLIC ACID) (AMIDES)
(TUBERCULOSIS)

SYCHEVA, T.P.; TRUPP, T.Kh.; SHCHUKINA, M.N.

Compounds with potential antitubercular activity. Part 5: Certain derivatives of 5-phenyl-2-oxazolecarboxylic acid. Zhur. ob. khim. 32 no.11:3666-3669 N '62. (MIRA 15:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze.
(Oxazolecarboxylic acid)
(Tuberculosis)

SYCHEVA, T.P.; TRUPP, T.Kh.; LEBEDEVA, I.V.; SHCHUKINA, M.N.

Compounds with potential antitubercular activity. Part 6: Anidoximes, amidrazones, and S-oxides of thioamides of some heterocyclic acids. Zhur.ob.khim. 32 no.11:3669-3674 N '62. (MIRA 15:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze.

(Heterocyclic compounds)
(Amides) (Tuberculosis)

LOZHKIN, A.F.; SYCHEVA, T.V.; SUMENKOV, V.G.

Reducing firing of natural pyrolusite in a tubular revolving furnace. Uch. zap. Perm. gos. un. 17 no.1:97-102 '60. (MIRA 14:11)

(Pyrolusite)

SEREBROVSKIY, Aleksandr Pavlovich,; SYCHEVA, V.,red.; MUKHIN, Yu.,tekhn. red.

[V.I.Lenin's leadership in the reconstruction of the petroleum industry] Rukovodstvo V.I.Lenina vosstanovleniem neftianoi promyshlennosti. Moskva, Gos. izd-vo polit. lit-ry, 1958. 15 p. (MIRA 11:12)

(Lenin, Vladimir Il'ich, 1870-1924)
(Petroleum industry)

NIKOLAYEV, Akim Maksimovich; SYCHEVA, V., red.; TROYANOVSKAYA, N., tekhn. red.

[Lenin and radio] Lenin i radio. Moskva, Gos. izd-vo polit. lit-ry, 1958. 37 p. (MIRA 11:9)
(Radio) (Lenin, Vladimir Il'ich, 1870-1924)

SYCHEVA, V.G., aspirant

Canonical n-hedra of straight line congruences in four-dimensional projective P_4-space. Trudy MIIT no.190:69-88 '65. (MIRA 18:8)

69719

SOV/81-59-9-31729

18.8300

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 9, p 314 (USSR)

AUTHORS: Azhogin, F.F., Smirnova, Yu. A., Sycheva, V.I.

TITLE: Selection of Protective Coatings for Products Operating Under Tropical Conditions

PERIODICAL: Sb. Kom-t po korrozii i zashchite metallov Vses. sov. nauchno-tekhn. o-v, 1958, Nr 3, pp 47 - 54

ABSTRACT: For establishing the suitability of metals and protective coatings for tropical conditions the authors propose the following test conditions in a special chamber: 1) 8 hours at 50 + 2°C at 100% relative humidity; 2) 12 hours at 18 - 25°C at 100% relative humidity; 3) 2 hours - ventilation of the chamber and drying of the samples; 4) 2 hours inspection of the samples. Samples of 100 x 50 mm of low-alloyed steel (ST) with and without protective coatings, of stainless ST, Al- and Cu-alloys were tested. The thickness of all coatings was determined by a VIAM MT-2 thickness gage. The test results have shown that low-alloyed ST is completely not-resistant. Polished Cr-Ni-ST has shown a high corrosion resistance.

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SOV/81-59-9-31729

Selection of Protective Coatings for Products Operating Under Tropical Conditions

Cadmium-plating, of metal coatings investigated, has shown better results than zinc-plating. Chrome-plating shows good results only in the case of preliminary polishing of the samples. The thickness of the layer of a chrome-plated coating should be 60 μ. Nickel-plating and tinning have shown unsatisfactory results. Among the multi-layer Cu-Ni and Cu-Ni-Cr coatings tested the most stable were three-layer coatings, and these only after polishing of the copper sublayer. The samples of ST ZOGSA were parkerized. A part of the samples was tested after parkerizing with following washings in a potassium bichromate solution and in warm water, later on they were oiled with a 1:4 mixture of aircraft oil with B70 aircraft gasoline. The oiled samples corroded after 67 days, the unoiled samples after 1 day. Samples of LS59-1 Cu-alloys without protective coatings darkened after 4 days. After passivation the same samples darkened after 24 days. Nickel-plating, tinning and silver-plating of this alloy yield positive results. The Al-alloys D16, V95, AMts, AMt, AL9 sharply increase the corrosion resistance after anodizing.

R. Novakovskaya

Card 2/2

L [illegible] IJP(c) JD

ACC NR: AP6015290 (N) SOURCE CODE: UR/0365/66/002/003/0336/0338

AUTHOR: Azhogin, F. F.; Garshina, N. V.; Sycheva, V. I.

43
B

ORG: none

TITLE: Hydrogen absorption by steel during electrolytic chrome plating 18

SOURCE: Zashchita metallov, v. 2, no. 3, 1966, 336-338

TOPIC TAGS: hydrogen, plasticity, chromium plating, steel / 30KhGSNA steel

ABSTRACT: The effect of current density, electrolyte temperature, and electrolysis
time on hydrogen absorption by 30KhGSNA steel during chrome plating in a sulfuric acid
electrolyte was investigated. Plasticity data showed that as the temperature rises
and the current density decreases, the hydrogen absorption increases. It is postu-
lated that an important factor influencing hydrogen absorption during chrome plating
is the formation of chromium hydrides. Conditions promoting the formation of chromium
hydride and hence an increase in the hydrogen content of the coating lead to a reduc-
tion of hydrogen hydrogen absorption by the steel. As the chrome plating time
increases, so does the hydrogen absorption; the dependence of the decrease in plastic-
ity, which characterizes the degree of hydrogen absorption by the steel, on the chrome
plating time is close to parabolic in character. This suggests that the decrease in
plasticity is determined by the hydrogen concentration in the surface layer of the
steel and by the depth of penetration of hydrogen. Orig. art. has: 2 figures and

UDC: 621.357.7

Card 1/2

I 39252-66

ACC NR: AP6015290 O

table.

SUB CODE: 11,07 / SUBM DATE: 04Jun65/ ORIG REF: 010/ OTH REF: 004

Card 2/2 hs

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001654220016-4"

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S/169/62/000/011/043/077
D228/D307

3.5000

AUTHORS: Gavrilova, Z.I. and Sycheva, Ye.F.

TITLE: A map construction method and the average isothermal surface height distribution

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 11, 1962, 74, abstract 11B412 (Tr. N.-i. in-ta aeroklimatol., no. 16, 1962, 16-19)

TEXT: For practical purposes, particularly for determining possible aircraft icing heights, it is necessary to know the negative temperature surface distribution. A method is stated for constructing maps of average isotherm heights. By means of linear interpolation between the temperature and height values of adjacent isobaric surfaces (sea level 850, 850-700, 700-500, 500-300, 300-200 and 200-100 mb) the heights of the temperatures 0°, -10°, -20°... -60° were computed for the corresponding geographic points. The height of a given isotherm (H_T) was ascertained from the formula: $H_T = H_1 + K\Delta H$. Here H_1 is the height of the underlying isobaric

Card 1/2

...translation ...y air tem-

LOBANOVA, V. Ya.; SYCHEVA, Ye.F.

Principal characteristics of the geographical distribution of cloudless sky frequency over some areas of the northern hemisphere during the IGY. Trudy NIIAK no.28:123-128 '64
(MIRA 18:2)

ACCESSION NR: AT4028297 S/2667/63/000/024/0023/0053

AUTHOR: Mertsalova, O. B.; Sokolova, M. V.; Sy*cheva, Ye. F.

TITLE: Climatic characteristics of the temperature in a model of the standard atmosphere

SOURCE: Moscow. Nauchno-issledovatel'skiy institut aeroklimatologii. Trudy*, no. 24, 1963, 23-53

TOPIC TAGS: meteorology, standard atmosphere, air temperature, climate, climatology, troposphere, stratosphere

ABSTRACT: Vertical cross-sections have been constructed for a mean meridian, as well as curves showing the distribution of temperature with height for various latitudes. The method for constructing the cross-sections and curves is described. A method is also described for computation of the temperature of the boundaries of the confidence intervals. The distribution of temperature with height on standard days is given. Standard days are classified as polar night, polar day, hot day, cold day and tropical day. The figures and tables, which are analyzed in the text, reveal much of the content and scope of the article. Figure 1 -- Annual meridional temperature cross-section; Figure 2 -- Seasonal meridional temperature cross-section; Figure 3 -- Curves of the vertical distribution of temperature by latitude

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zones during the year; Figure 4 -- Curves of the vertical distribution of temperature by latitude zones during the winter; Figure 5 -- Curves of vertical distribution of temperature by latitude zones during the summer; Figure 6 -- Distribution of temperature by latitude as a function of height; Figure 7 -- Histograms of frequency of temperatures over the northern hemisphere; Figure 8 -- Determination of the temperature of boundaries of confidence intervals; Figure 9 -- Distribution of temperature of different probabilities in the tropical zone during the year; Figure 10 -- Distribution of the temperature of different probabilities in the temperate zone during the year; Figure 11 -- Distribution of the temperature of different probabilities in the polar zone during the year; Figure 12 -- Distribution of the temperature of different probabilities in the northern hemisphere during the year; Figure 13 -- Distribution of temperature with height in the polar night and polar day; Figure 14 -- Distribution of temperature with height on cold and warm days; Figure 15 -- Distribution of temperature with height over the tropics, in the middle latitudes and as a mean for the northern hemisphere. The tables supply statistical data used in constructing the figures. The characteristics of the different classes of standard days are described in detail. Orig. art. has: 1 formula, 15 figures and 3 tables.

ASSOCIATION: Nauchno-issledovatel'skiy institut aeroklimatologii, Moscow

ACCESSION NR: AT4028297

(Scientific Research Institute of Climatology)

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ACCESSION NR: AT5001802 S/2667/64/000/028/0123/0128

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AUTHOR: Lobanova, V. Ya.; Sycheva, Ye. F.

TITLE: Main features in the geographic distribution of the incidence of cloudless skies

SOURCE: Moscow. Nauchno-issledovatel'skiye uchrezhdeniya aerologicheskoy sluzhby. Trudy no. 28, [illegible] klimatog-

TOPIC TAGS: cloud cover, cloudiness

ABSTRACT: Data collected by 800 stations during the international geophysical year (1957--58) and the period of international geophysical cooperation (1959) have been used to bring to light certain features of the incidence of cloudless skies in January and July over

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[illegible] Small values for the incidence of cloudless skies [illegible] and strictly continental regions [illegible] of the southwestern portions of continents. "Engineer

BARANENKOV, G.S.; DEMIDOVICH, B.P.; YEFIMENKO, V.A.; KOGAN, S.M.; LUNTS, G.L.; PORSHNEVA, Yo.F.; SYCHEVA, Ye.P.; FROLOV, S.V.; SHOSTAK, R.Ya.; YANPOL'SKIY, A.R.; UGAROVA, N.A., red.; SMOLYANSKIY, M.L., red.; BRUDNO, K.F., tekhn. red.

[Problems and exercises in mathematical analysis for shools of higher education] Zadachi i uprachneniia po matematicheskomu analizu dlia vtuzov. Izd.2., ispr. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 472 p. (MIRA 14:8)
(Mathematical analysis—Problems, exercises, etc.)

16(1) PHASE I BOOK EXPLOITATION SOV/2061

Baranenkov, G. S., Boris Pavlovich Demidovich, V. A. Yefimenko, S. M. Kogan, G. L. Lunts, Ye. F. Porshneva, Ye. P. Sycheva, S. V. Frolov, R. Ya. Shostak, and A. R. Yanpol'skiy

Zadachi i uprazhneniya po matematicheskomu analizu dlya vtuzov (Problems and Exercises in Mathematical Analysis for Vtuzes) Moscow, Fizmatgiz, 1959. 472 p. 40,000 copies printed.

Ed. (Title page): Boris Pavlovich Demidovich; Tech. Ed.: K. F. Brudno; Ed. (Inside book): N. A. Ugarova.

PURPOSE: This book is approved by the USSR Ministry of Higher Education as a textbook for students of vtuzes, especially correspondence students and evening students specializing in mechanical engineering. It may also be used for independent study.

COVERAGE: The book is a collection of 3193 problems on higher mathematics (excluding analytic geometry) arranged in systematic order for vtuzes. At the beginning of each chapter a short theoretical introduction, necessary formulas, and solutions of more important typical problems are given. Answers are given for all problems, and for the more complicated ones hints and drawings are provided, making the book more useful to correspondence students. The authors give special attention to the more important parts of the subject, such as, calculation of limits, differentiation and integration technique, construction of graphs, application of differential and integral calculus, series, and solution of differential equations. Chapters covering these subjects, therefore contain more problems than the others. The authors thank Docent S. N. Kuz'min, Docent Ye.A. Lubny-Gertsyk, instructors N. V. Sakharov, G. V. Tolstova, Ye. A. Soboleva, the Professor A. P. Yushkevich, Docent I. M. Bronshtevn, and L. Z. Yudelevich, Moskovskiy energeticheskiy institut (Moscow Institute of Energetics) Vsesoyuznyy zaochnyy inzhenerno-stroitel'nyy insitut (All-Union Civil Engineering Correspondence Institute), Docent R. S. Guter, and N. A. Ugarova, editor of Fizmatgiz, for help in preparing the book. There are no references.

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PHASE I BOOK EXPLOITATION SOV/2061

Baranenkov, G. S., Boris Pavlovich Demidovich, V. A. Yefimenko, S. M. Kogan, G. L. Lunts, Ye. F. Porshneva, Ye. P. Sycheva, S. V. Frolov, R. Ya. Shostak, and A. R. Yanpol'skiy

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BELOV, V.N. [deceased]; YERYSHEV, B.Ya.; AVRAMENKO, V.G.; SYCHEVA, Z.F.

Synthesis based on ω-chloroalkanoic acids. Part 3: Synthesis and pyrolysis of S-(ω-carboxy and ω-carbethoxy) alkyl esters of ethylxanthic acid. Zhur. org. khim. 1 no.4:686-688 Ap '65. (MIRA 18:11)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni Mendeleyeva.

SYCHEVA, Z.F.; BYSTROVA,, Z.A.

Effect of low soil temperature on the absorption of ash elements and nitrogen by plants. Izv.Kar.i Kol'.fil.AN SSSR no.4:68-75 '59. (MIRA 13:5)

1. Institut biologii Karel'skogo filiala AN SSSR.
(Plants--Assimilation)
(Soil temperature)

USSR/Cultivated Plants - Grains.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29719

Author : Novitskaya, Yu.Ye., Sycheva, Z.F.
Inst : -
Title : The Influence of Pre-Sowing Seed Treatment on Corn Growth and Development.

Orig Pub : Tr. Karel'sk. fil. AN SSSR, 1957, vyp. 6, 144-155.

Abstract : For the purpose of increasing corn cold resistance at the Karelian Affiliate of the Academy of Sciences USSR a pre-sowing treatment of the seeds was performed in solutions of micronutrients (respectively per 100 milliliters of solution): H_3BO_3 -100 mg., $CuSO_4$ - 80 mg., $ZnSO_4$ - 80 mg., $MnCl_2$ - 100 mg., NH_4MoO_4 - 80 mg. Afterwards a part of the seeds was subjected for 15 days to the action of temperatures from +2 to -5° (1) or alternating temperatures (from + 2 to 5° and from +18 to + 20°) varying every 24 hours (2) or every 12 hours (3).

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SYCHEVA, Z.F.; BYSTROVA, Z.A.

Effect of soil temperature on phosphorus assimilation by plants. Trudy Kar. fil. AN SSSR no.28:31-39 '60. (MIRA 14:9)
(Plants, Effect of soil temperature on) (Plants--Assimilation) (Phosphorus)

BARSKAYA, T.A.; NOVITSKAYA, Yu.Ye.; SYCHEVA, Z.F.

Growth and developmental characteristics of potatoes in cold soils. Trudy Kar. fil. AN SSSR no.28:70-76 '60. (MIRA 14:9)
(Plants, Effect of soil temperature on) (Potatoes)

SYCHEVA, Z.F.

Effect of lowered soil temperature on the anatomical structure of absorbing roots. Trudy Kar. fil. AN SSSR no.28:77-79 '60.
(MIRA 14:9)

(Plants, Effect of soil temperature on)
(Roots (Botany)--Anatomy)

NOVITSKAYA, Yu.Ye.; SYCHEVA, Z.F.

Effect of lowered soil temperature on some physiological processes in corn. Trudy Kar. fil. AN SSSR no.28:80-85 '60. (MIRA 14:9)
(Plants, Effect of soil temperature on) (Corn (Maize))

SYCHEVA, Z.F.; BYSTROVA, Z.A.

Effect of soil temperatures on the uptake of ash substances and nitrogen by individual crops. Trudy Kar. fil. AN SSSR no.29:16-21 '61. (MIRA 15:2)
(Soil temperature)(Nitrogen)(Plants--Assimilation)

KOROVIN, A.I.; SYCHEVA, Z.F.; BYSTROVA, Z.A.

Effect of soil temperature on phosphorus assimiliation by plants. Dokl. AN SSSR 137 no. 2:458-461 Mr '61. (MIRA 14:1)

1. Institut biologii Karel'skogo filiala AN SSSR. Predstavleno akademikom A.L. Kursanovna.
(PLANTS—ASSIMILATION) (PLANTS, EFFECT OF SOIL TEMPERATURE ON) (PHOSPHORUS)

BARSKAYA, T.A.; SYCHEVA, Z.F.; VICHURINA, G.A.

Effect of soil temperature on the development of internal brown spot in potatoes. Agrobiologiia no.6:893-897 N-D '63. (MIRA 17:2)

1. Institut biologii, Petrozavodsk.

KOROVIN, A.I.; SYCHEVA, Z.F.; BYSTROVA, Z.A.

Effect of soil temperature on the content of various forms of phosphorus in plants. Fiziol. rast. 10 no.2:137-141 Mr-Ap '63. (MIRA 16:5)

1. Vostochno-Sibirskiy biologicheskiy institut Siberskogo otdeleniya AN SSSR, Irkutsk.

(Plants, Effect of soil temperature on)
(Plants, Effect of Phosphorus on)

DROZDOV, S.N.; NOVITSKAYA, Yu.Ye.; KOMULAYNEN, A.A.; SYCHEVA, Z.F.; BARSKAYA, T.A.; PERMINOVA, L.A.

Effect of frost on certain physiological processes of spring wheat. Trudy Kar. fil. AN SSSR no.37:42-51 '64. (MIRA 18:3)

SYCHEVA, Z.F.; [illegible], [illegible]

Effect of soil temperature on the content of various types of phosphorus compounds in plants. Trudy Kar. fil. AN SSSR no.3[illegible]:[illegible]-77 '64. (MIRA 18:3)

SYCHEVA, Z.F.

Effect of habitat conditions on the character of ectotrophic mycorrhiza in some plants. Trudy Kar. fil. AN SSSR no.37: 138-146 '64. (MIRA 18:3)

DROZDOV, S.N.; SYCHEVA, Z.F.

Dependence of the frost resistance of potato vines on the rate of nitrogen metabolism. Fiziol. rast. 12 no.2:325-331 Mr-Ap '65. (MIRA 18:6)

1. Institut biologii Petrozavodskogo gosudarstvennogo universiteta.

SYCHEVA-MIKHAYLOVA, A.M.

Facies changes in Paleocene deposits in the middle Volga Valley.
Trudy VNIGNI no.4:24-43 '54. (MLRA 10:4)
(Volga Valley--Geology, Stratigraphic)

Sycheva-Mikhaylova, A.M.

AUTHOR: Andreyev, D.K. and Sycheva-Mikhaylova, A.M. 11-9-2/14

TITLE: On Some Paleogenic Structures in Middle Povolzh'ye Which Are Absent in More Ancient Strata (O nekotorykh paleogenovykh strukturakh v Srednem Povolzh'ye, otsutstvuyushchikh v boleye drevnikh sloyakh)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya, 1957, # 9, p 19-31 (USSR)

ABSTRACT: Petroleum surveys in the Russian platform have produced cases in which local upheavals discovered in upper strata were not found in deeper ones. The author analyzes this phenomenon for two local upheavals located in the Tertiary sediments of the Ul'yanovsk-Saratov depression, in the basin of the upper stream of the Sura river, which were discovered during geologic-survey mapping: the Kozlyakovskoye and the Prudovskoye upheavals. The first of them is located north of Kuznetsk and is associated presumably with the western end of the Borlinskaya zone of upheavals. During the early Tertiary period, a local depression was formed there which was named by D.K. Andreyev the Kuznetsk Lower-Paleocene depression. Later on, during the pre-Eocene epoch, differential vertical shifts occurred. They caused the interruption of sediment

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SYCHEVA-MIKHAYLOVA, A.M.

Modeling block-platform folds [with summary in English]. Sov.geol. 1 no.9:78-96 S '58. (MIRA 12:2)

1. Moskovskiy gosudarstvenny universitet imeni M.V. Lomonosova.
(Folds (Geology)) (Geological modeling)

SIVCHIKOVA, M.G. [Syvchykova, M.H.], kand. tekhn. nauk; KRIVONOSOVA, N.T. [Kryvonosova, N.T.]; SARKISOV,G.G. [Sarkisov, H.H.]; SYCHEVSKAYA, M.I. [Sychevs'ka, M.I.]

Ways to eliminate the "cold crack" in faience. Leh. prom. no.1:68-69 Ja-Mr '65. (MIRA 18:4)

SYCHEVSKAYA, V. I.

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SO: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 14, 1949).

SYCHEVSKAYA, V. I.

Report of the Tadzhik Branch of the USSR Academy of Sciences, No. 8, 1943. In the report are published the works of:

LOTOTSKIY, B. V. and SIROTENKO, M. P. Hemosporidioses of small cattle in TAdzhikistan
STEPANOVA, N. G. The effect of DDT on certain ticks.

So: Veterinariya; 26; 7; July 1949; Uncl.
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2. USSR (600)

4. Sheep - Diseases - Tajikistan

7. Myiasis in sheep and its control in Tajikistan. Kar. i zver. 6, No. 2, 1953.

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SYCHEVSKAYA, V.I.

Data on the biology and ecology of flies of the genus Fannia R.D. in Samarkand. Med.paraz.i paraz.bol. no.1:45-54 Ja-Mr '54. (MLRA 7:3)

1. Iz Uzbekistanskogo instituta malyarii i meditsinskoy parazitologii (direktor instituta - professor L.M.Isayev).
(Samarkand--Flies) (Flies--Samarkand)

SYCHEVSKAYA, V.I.

Sketches on the biology of Central Asiatic spiders. Trudy AN Tadzh. SSR 21:69-74 '54. (MLRA 9:12)

1. Uzbekistanskiy institut malyarii i meditsinskoy parazitologii.
(Yavan-Su Valley--Spiders)