PETRYS, Tibor, dr; NIZINSKA, Maria, mgr

Molybdenum disulfide as a low-friction lubricant for ship engines. Bud okretowe Warszawa 9 no.12:437-441 D '64.

1. Technical University, Krakow.

NIZINSKI, C.: KALKOWSKI, L.

Economic effectiveness of prefabricated wall elements in the construction of industrial workshops. P 29

POLAND

BUDOWNICTWO PRZEMYSLOWE. (Ministerstwo Budownictwa) Warszawa. Vol. 6, no. 1, Jan. 1957

Monthly List of East European Accessions (EEAI) LC. Vol. 8, no. 7, July 1959

Uncl.

NIZINSKI, Jan, mgr inz.

Soldering sintered carbides with pressed powder compositions.
Mechanik 34 no.9:488 '61.

NIZINSKI, Jan, mgr inz.

Slagless soldering in an atmosphere of dissociate ammonium. Rudy i metale 6 no.1:17-21 Ja '63.

NIZINSKI, Jan, mgr inz.; WOZNIACKI, Antoni, doc. dr inz.

Structure of Konstruktal type Al-Mg-Zn alloys. Pt. 1
Rudy i metale 9 no.6:290-292 Je '64.

NIZINSKI, Jan, mgr inz.; WOZNIACKI, Antoni, doc. dr inz.

Structure of Konstruktal type Al—Mg—Zn alloys. Pt. 2.
Rudy i metale 9 no. 8:428-432 Ag '64.

NIZINSKI, Stanislaw

Two cases of atypical bronchi of the upper right lobe.
Gruzlica 25 no.1:63-67 Jan 57.

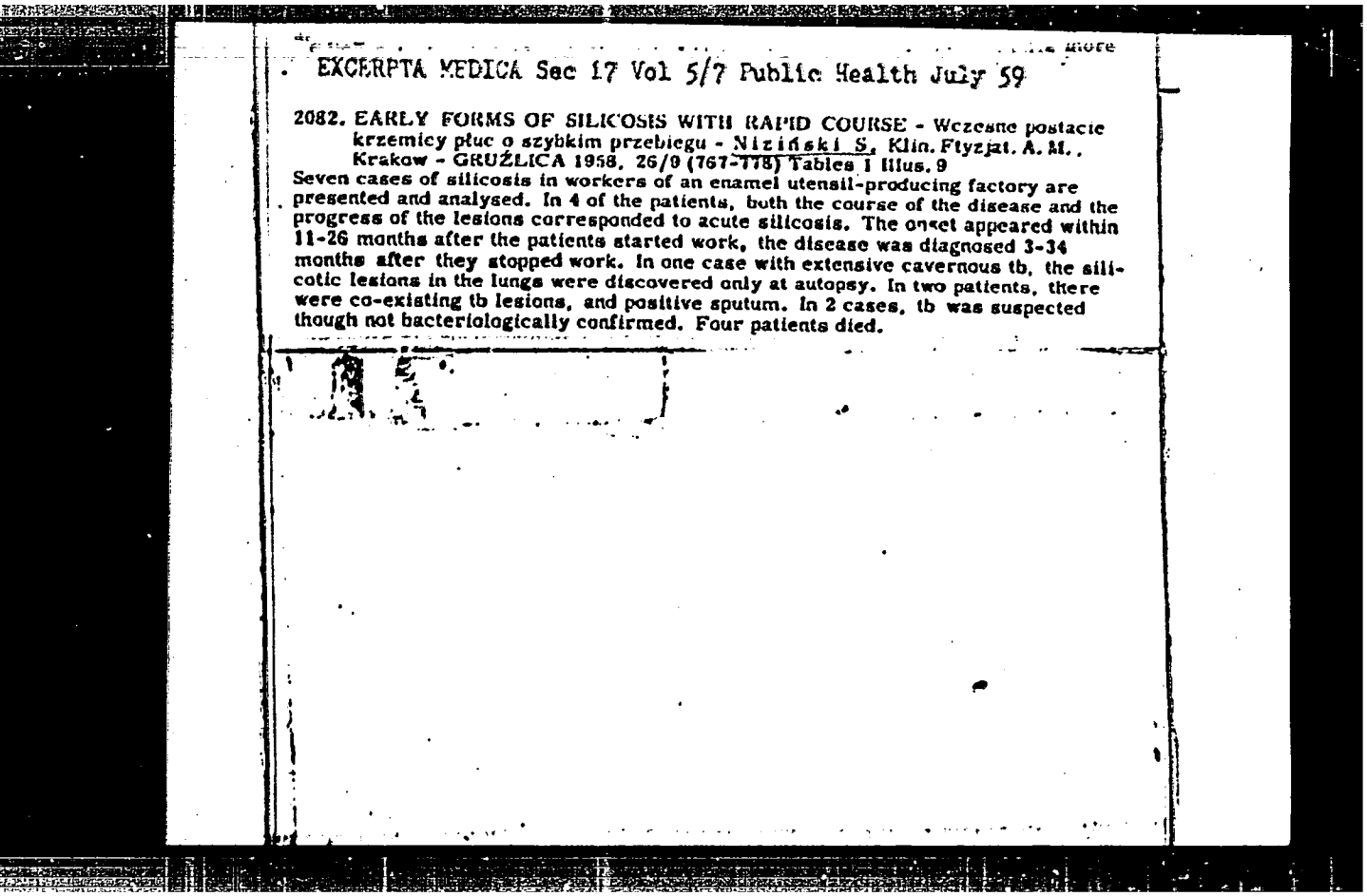
1. Z Kliniki Ftyzjatrycznej Akademii Medycznej w Krakowie
Kierownik: prof. dr. St. Hornung. Adres: Krakow, ul.
Skawinska 8.
(BRONCHI, abnorm.
atypical bronchi of right upper lobe (Pol))

NIZINSKI, Stanislaw (Krakow, Skawinska 8.)

Value of adrenocorticotropic hormone in the treatment of silicosis and silicotuberculosis. Gruzlica 26 no.5:407-417 May 58

1. Z Klinik Fizjatrychnej A.M. W Krakowie, Kierownik: prof. dr St. Hornung.

(ACTH, ther. use
silicosis & silicotuberc. (Pol))
(SILICOSIS, ther.
ACTH (Pol))
(TUBERCULOSIS, PULMONARY, ther.
ACTH in silicotuberc (Pol))



EXCERPTA MEDICA Sec 17 Vol 5/7 Public Health July 59

2082. EARLY FORMS OF SILICOSIS WITH RAPID COURSE - Wczesne postacie krzemicy płuc o szybkim przebiegu - Niziński S., Klin. Ftyzjat. A. M., Krakow - GRUŹLICA 1958, 26/9 (767-778) Tables 1 Illus. 9

Seven cases of silicosis in workers of an enamel utensil-producing factory are presented and analysed. In 4 of the patients, both the course of the disease and the progress of the lesions corresponded to acute silicosis. The onset appeared within 11-26 months after the patients started work, the disease was diagnosed 3-34 months after they stopped work. In one case with extensive cavernous tb, the silicotic lesions in the lungs were discovered only at autopsy. In two patients, there were co-existing tb lesions, and positive sputum. In 2 cases, tb was suspected though not bacteriologically confirmed. Four patients died.

NIZINSKI, Stanislaw

A simple method for intrabronchial photography. Gruzlica 27 no.8: 967-973 S '59.

1. Z Kliniki Ftyzjatrycznej A.M. w Krakowie. Kierownik: prof.dr. St. Hornung i z Miejskiego Szpitala Chorob Plucnych im. A. Sokolowskiego w Krakowie.
(BRONCHOSCOPY)
(PHTOGRAPHY)

KAMINSKA, Mieczyslawa; NIZINSKI, Stanislaw; PRUS, Florentyna

Effect of catastral studies based on standard roentgenographic pictures of fireclay plants. Gruslica 27 no.11:1141-1152 N '59.

1. Z Kliniki Ftyzjatrycznej A.M. w Krakowie. Kierownik: prof.dr. St. Hornung.
(PNEUMOCONIOSES statist.)

NIZINSKI, Stanislaw

Radiological picture of acute pulmonary silicosis. Gruzlica 32 no.5:431-442 My '64.

1. Z Kliniki Ftizjatrycznej Akademii Medycznej w Krakowie (Kierownik: prof. dr. S. Hornung).

NIZINSKI, Stanislaw; PRUS, Florentyna

The cause of tuberculosis among workers employed in the production of fireproof material. Gruzlica 32 no.8:721-731 Ag '64.

1. Z Kliniki Ftizjatrycznej Akademii Medycznej w Krakowie (Kierownik: prof. dr. med. St. Hornung) i z Poradni Przeciwgruźliczej w Skawinie (Kierownik: lek. F. Prus).

41047
S/058/62/000/008/023/134
A061/A101

3,2410 (also 2805)

AUTHORS: Łoskiewicz, Jerzy, Massalski, Jerzy, Nizioł, Bronisław, Oleś, Andrzej

TITLE: Energy spectrum of the nuclear active component of cosmic radiation at 200 and 3,200 m above sea level

PERIODICAL: Referativnyy zhurnal, Fizika, no. 8, 1962, 57 - 58, abstract 8B413 (Rept. Inst. badań jądrow. PAN, 1961, no. 278/VI, 22 pp., illust., English; summaries in Polish and Russian)

TEXT: The energy spectrum of the nuclear active component of high-energy cosmic rays was measured on Mount Aragats (3,200 m above sea level) and in Moscow (200 m above sea level). The apparatus consisted of ionization chamber units placed between variously thick lead and graphite absorbers. The integrated energy spectra of the nuclear active particles recorded at the two altitudes have the form of $E^{-\gamma}$ in the $10^{12} \div 5 \cdot 10^{13}$ ev range, and at energies higher than $5 \cdot 10^{13}$ ev the spectral exponents have the tendency to increase. The exponents of power-law spectra read $\gamma = 1.58 \pm 0.09$ for the mountain altitude and $\gamma = 1.6 \pm 0.2$ for the sea level, while the exponent of the primary energy spectrum in the $10^{12} - 10^{15}$ ev range reads $\gamma \approx$

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Energy spectrum of the nuclear active component of...

1.6. Such a constancy of the spectral exponent indicates that the total inelasticity factor of nuclear collisions does not depend on the energy.

[Abstracter's note: Complete translation]

Card 2/2

JURA, Zbigniew; MIZIOL, Bronislaw; SALACH, Stanislaw

Radioisotopic measurements of the density of the packing mixture in a pipeline by means of the ionisation chamber. Archiw gorn 7 no.1:59-70 '62.

LOSKIEWICZ, J.; MASSALSKI, J.; NIZIOL, B.; OLES, A.;

Analysis of the integral spectrum of ionization pulses caused by nuclear active particles at mountain altitudes. Acta physica Pol 23 no.1:77-92 Ja '63.

1. Institute of Nuclear Research, Laboratory of High Energy Physics, Krakow, and II Department of Physics, Academy of Mining and Metallurgy, Krakow.

BABECKI, J.; BUJA, Z.; MASSALSKI, J.; NIZIOL, B.

Energy spectrum of photons from decay of π^0-mesons generated in nuclear interactions at the altitude of 3200 m. above sea level. Acta physica Pol 24 no.3:373-380 S'63.

1. Institute of Nuclear Research, Laboratory of High Energy Physics, Krakow Department.

GRIGOROV, N.L.; TRETYAKOVA, C.A.; SHESTOPEROV, V.J.; BABAYAN, C.P.; BOYADSYAN, [redacted]; MASSALSKI, J.; NIZIOL.B.; OLES,A.

Integral spectrum of nuclear active particles at mountain altitudes from the investigation of high ionization pulses. Acta physica Pol 24 no.3:357-371 S'63.

1. Institute of Nuclear Physics, University, Moscow (for Grigorov, Tretyakova, Shestoperov). 2. Institute of Nuclear Physics, Armenian Academy of Sci[redacted], Yrevan (for Babayan, Boyadsyan). 3. Institute of Nuclear Research, Laboratory of High Energy Physics, Krakow, and II Department of Physics, Academy of Mining and Metallurgy, Krakow (for Massalski, Niziol and Oles).

Niziolek, S.

REIFER, I.; NIZIOLEK, S.

Colorimetric microdetermination of alkaloids in lupine seeds. Acta biochim. polon 4 no.3:165-180 1957.

1. Zaklad Biochemii S.G.G.W. w Warszawie Kierownik: prof. dr I. Reifer.
(ALKALOIDS, determ.
in lupine seeds, colorimetric microdeterm. (Pol))

REIFER, I.; NIZIOLEK, S.

A nephelometric microdetermination of lupine alkaloids. Bul Ac Pol biol 7 no.12:485-489 '59. (EEAI 9:12)

1. Department of Plant Biochemistry, Institute of Biochemistry and Biophysics, Polish Academy of Sciences and Department of Biochemistry Central College of Agriculture. Presented by J.Heller.
(NEPHELOMETRY) (ALKALOIDS) (LUPINES)

TOCZKO, Maria; NIZIOLEK, S.; RYSZKA, F.; BRZESKI, W.; REIFER, I.

Biosynthesis and metabolism of alkaloids in Lupinus angustifolius. I. Changes in the composition of alkaloids in early stages of development of plants. Acta biochim.polon. 7 no.2/3: 203-213 '60.

1. Zaklad Biochemii Roslin Instytutu Biochemii i Biofizyki PAN i Katedra Biochemii SGGW, Warszawa Kierownik: prof. dr I.Reifer.
(ALKALOIDS metab)

DROZSE, Janina; STAWICKA, Danuta; TOCZKO, Maria; NIZIOLEK, S.; BRZESKI, W.; REIFER, I.

Biosynthesis and metabolism of Lupinus angustifolius alkaloids. II Biosynthesis of alkaloids isolated from germs and cotyledons. Acta biochim.polon. 7 no.4:459-468 '60.

1. Katedra Biochemii SGGW i Zaklad Biochemii Roslin Instytutu Biochemii i Biofizyki PAN, Warszawa, Kierownik: prof. dr Ignacy Reifer.
(ALKALOIDS metab)

REIFER, I.; WIEWIOROWSKI, M.; NIZIOLEK, S.; STAWICKA, D.; BRATEK, D.M.

Biogenesis of alkaloids. II. Bul Ac Pol biol 10 no.5:161-166 '62.

1. Institute of Biochemistry and Biophysics, Polish Academy of Sciences, and Department of Biochemistry, Central College of Agriculture, Warsaw. Presented by J.Heller.

KHODANOVICH, I.Ye.; KRIVOSHEIN, B.L.; GULYAYEV, A.I.; NIZIYENKO, I.G.; CHERNOBYL'SKIY, V.A.

Results of factory tests of an expansion-chamber condensate tank with automatic cleaning. Gaz. delo no.6/7:65-68 '63. (MIRA 17:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut prirodnogo gaza, Krasnodarskoye upravleniye magistral'nykh gazoprovodov i Gosudarstvennyy proizvodstvennyy komitet po gazovoy promyshlennosti SSSR.

GRIBANOV, P.G.; LAPINA, A.A. METELITSYN, G.T.; MORAR', I.M.; NIZHENKO, T.A.; RYBNIKOV, N.N.; SEL'MANOVICH, L.V.; KAS'YANOV, A.P., red.; BARANOV, I.A., tekhn. red.

[Aid to the study of the economics of the trawler fleet] V pomoshch' izuchaiushchim ekonomiku tralovogo flota. Murmansk, Murmanskoe knizhnoe izd-vo, 1960. 76 p. (MIRA 16:5)

(Trawls and trawling—Accounting)
(Index numbers (Economics))

15.8600
~~5 (1), 5 (2)~~

67787
S/064/59/000/07/007/035
B005/B123

AUTHORS: Mamedov, Sh. A., Rzayev, A. S., Nizker, I. L.

TITLE: The New Plasticizer ANAZ

PERIODICAL: Khimicheskaya promyshlennost', 1959, Nr 7, pp 580 - 582 (USSR)

ABSTRACT: In the present paper the manufacture and qualities of the new plasticizer ANAZ (abbreviation for AN Azerbaydzhanskoy SSR (AS of the Azerbaydzhanskaya SSR)), are discussed. This plasticizer which was for the first time produced in 1949-1950, consists of glycol esters of naphthenic acids and is especially suitable for plasticizing colloxylin. In the beginning the strong odor of this plasticizer - caused by the content of crude naphthenic acids - prevented its being used to a larger extent. This odor can, however, be removed by a vacuum distillation of the naphthenic acid mixture used for synthesis, or of the ready product (Ref 3). In a table the most important physicochemical qualities of ANAZ (molecular weight, boiling point, freezing point, ignition point, d_4^{20}, refraction index at 20°, saponification number, content of volatile ingredients when heated to

Card 1/3

The New Plasticizer ANAZ

S/064/59/000/07/007/035
B005/B125

100° for 6 hours) are compared to qualities of other popular plasticizers. ANAZ is a pale yellow, nearly odorless oily liquid. For the production of 1 mol of this plasticizer one needs 1.1 mol of the naphthenic acid mixture, 0.15 mol of sodium hydroxide and 0.2 mol of dichloroethane. For the esterification of the acid mixture distilled in vacuum, it is neutralized at 120-160° with solid sodium hydroxide. The water produced is distilled off. The temperature is then increased to 180°. At this temperature dichloroethane vapors are led through the mixture while mixing it thoroughly. The melted sodium salts of the naphthenic acids react with the dichloroethane according to the following scheme:

$$\begin{matrix} RCOONa \\ RCOONa \end{matrix} + \begin{matrix} ClCH_2 \\ | \\ ClCH_2 \end{matrix} \longrightarrow 2\ NaCl + \begin{matrix} RCOOCH_2 \\ | \\ RCOOCH_2 \end{matrix} .$$

After cooling off the reaction mixture to 50-40°, water is added. The addition of water causes the precipitation of sodium chloride in crystalline form which deposits readily. The ester is decanted and distilled in a vacuum. With a pressure of 2 torr up to 170-180°, the excess naphthenic acids are distilled off,

Card 2/3

while the glycol esters of the naphthenic acids are distilled off at 180-210°, which are already the ready product. The first runnings are once more esterified. The yield of the plasticizer amounts to 70-80%, compared to the used naphthenic acid mixture. Production costs of ANAZ are comparatively low. The new plasticizer was tested in the dermatino-kleyenochnaya fabrika im. Nogina (Dermatin Oil Cloth Works imeni Nogin) in Kuntsevo for the production of dermatin and nitrolinoleum. Results satisfy technical demands. Moreover, ANAZ was successfully used instead of tricresylphosphate as a plasticizer for enamels of the type PKhV, and instead of ricinus oil for the production of nitro dyes in GIPI-4 (State Design and Planning Scientific Research Institute of Varnish and Paint Industry). It was found that coatings containing ANAZ can be cooled off to -50° without any loss of stability. In NII rezinovoy promyshlennosti (Scientific Research Institute of Rubber Industry) good results were achieved with the new plasticizer. There are 1 figure, 1 table, and 6 references, 5 of which are Soviet.

MAMEDOV, F.A.; ISMAILZADE, I.G.; MAMEDOV, Shamkhal; NIZKER, I.L.; MAMEDOV, I.M.

Spectroscopic examinations of the effect of the structure of chloroethers of the naphthenic series on their insecticidal qualities. Dokl.AN AzerbSSR 20 no.10:21-26 '64. (MIRA 18:2)

1. Institut neftekhimicheskikh protsessov AN AzerbSSR.

MAMEDOV, Shamkhal; NIZKER, I.L.; RZAYEV, A.S.

Alcoholless method of producing esters. Dokl. AN Azerb.SSR 17 no.9:789-791 '61. (MIRA 15:3)

1. Institut neftekhimicheskikh protsessov AN AzSSR. Predstavleno akademikom AN AzSSR M.A.Dalinym.

(Esters)

NIZKER, I.

50

JUN 25 1963

PHASE I BOOK EXPLOITATION SOV/6195

Nauchnaya konferentsiya institutov khimii Akademiy nauk Azerbaydzhanskoy, Armyanskoy i Gruzinskoy SSR. Yerevan, 1957.

Materialy nauchnoy konferentsii institutov khimii Akademiy nauk Azerbaydzhanskoy, Armyanskoy i Gruzinskoy SSR (Materials of the Scientific Conference of the Chemical Institutes of the Academies of Sciences of the Azerbaydzhan, Armenian, and Georgian SSR) Yerevan, Izd-vo AN Armyanskoy SSR, 1962. 396 p. 1100 copies printed.

Sponsoring Agency: Akademiya nauk Armyanskoy SSR. Institut organicheskoy khimii.

Resp. Ed.: L. Ye. Ter-Minasyan; Ed. of Publishing House: A. G. Sikuni; Tech. Ed.: G. S. Sarkisyan.

PURPOSE: This book is intended for chemists and chemical engineers, and may be useful to graduate students engaged in chemical research.

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COVERAGE: The book contains the results of research in physical, inorganic, organic, and analytical chemistry, and in chemical engineering, presented at the Scientific Conference held in Yerevan, 20 through 23 November 1957. Three reports of particular interest are reviewed below. No personalities are mentioned. References accompany individual articles.

TABLE OF CONTENTS:

PHYSICAL CHEMISTRY

S/204/62/002/005/006/007
E075/E136

AUTHORS: Mamedov, Shamkhal, Rzayev, A.S., and Nizker, I.L.

TITLE: Synthesis of new plasticizers from kerosene naphthenic acids

PERIODICAL: Neftekhimiya, v.2, no.5, 1962, 788-792

TEXT: A search for new methods of producing cheap, high quality plasticizers led to the utilization of naphthenic acids as the raw material. The new plasticizers were obtained as follows:

$$\begin{matrix} CH_2Cl \\ | \\ CH_2Cl \end{matrix} + \begin{matrix} NaOOCR \\ | \\ NaOOCR \end{matrix} \longrightarrow \begin{matrix} CH_2OOCR \\ | \\ CH_2OOCR \end{matrix} + 2NaCl$$

where R - naphthenic radical (mol.wt 140-160). Individual fractions of the acids (kerosene naphthenic acids: 55-60% fraction, 110 to 140 °C - acid value ~300; 25-30% fraction, 140 to 160 °C - acid value ~ 270-280) were neutralised with solid NaOH at 50-100 °C. Dichloroethane was introduced at 170-190 °C, the reaction being continued for 6-8 hours. The products were

Card 1/2

Synthesis of new plasticizers from ... S/204/62/002/005/006/007
E075/E136

distilled under 1 mm Hg. The fraction boiling between 200 and 240 °C (yield 76%) constituted the new plasticizer named "AHA3" (ANAZ). The plasticizer has negligible volatility (0.044-0.9% at 100 °C), good light resistance, low freezing temperature (-40 to -65 °C) and good compatibility with plastics (does not sweat out from plastic films) and their solvents. It is insoluble in water, stable to heat and cold and non-poisonous. "ANAZ" (5-7%) successfully replaces dibutylphthalate in collodion cotton and butadiene-nitrile rubber and castor oil in dermateen. It also replaces satisfactorily tricresylphosphate in perchlorvinyl enamels.
There are 3 tables.

ASSOCIATION: Institut neftekhimicheskikh protsessov AN AzSSR
(Institute of Petrochemical Processes, AS Az.SSR)

SUBMITTED: March 31, 1962

Card 2/2

MAMEDOV, Shamkhal; NIZKER, I.

Glycol ethers and their derivatives. Part 44: Alicyclic γ-chloro ethers. Zhur.ob.khim. 32 no.3:808-813 Mr '62. (MIRA 15:3)

1. Institut neftekhimicheskikh protsessov AN AzerbSSR.
(Glycols)

MAMEDOV, Shamkhal; NIZKER, I.L.; ISMAYLZADE, I.G.; MAMEDOV, F.A.; MAMEDOV, I.M.

Synthesis and study of Raman spectra of alicyclic [illegible]-chloro ethers. Dokl. AN Azerb. SSR 19 no.1:23-26 '63. (MIRA 16:4)

1. Institut neftekhimicheskikh protsessov AN AzSSR. Predstavleno akademikom AN AzSSR M.A.Dalinym.
(Cyclic compounds—Spectra)

MAMEDOV, Shamkhal; NIZKER, I.L.

Glycol ethers and their derivatives. Part 52: Synthesis of alkoxy derivatives of methyl ethers of 1,2-cyclohexanediol. Zhur.ob.khim. 33 no.3:841-845 Mr '63. (MIRA 16:3)

1. Institut neftekhimicheskikh protsessov AN Azerbaydzhanskoy SSR.

(Cyclohexanediol)
(Ethers)

MAMEDOV, Shamkhal; NIZKER, I.

Glycol ethers and their derivatives. Part 77: Synthesis of alkoxymethyl ethers of alkyl cyclohexanols. Zhur. ob. Khim. 34 no.6:1824-1830 Je '64. (MIRA 17:7)

1. Institut neftekhimicheskikh protsessov AN AzerbSSR.

NIZKOV, A.A.

Investigating the cooling system of the IAAZ-204 diesel engine. Nauch.trudy Inst.mash.i sel'khoz.mekh. AN URSR 6:65-76 '58. (MIRA 13:4)
(Diesel engines--Cooling)

GOLUBEV, T.M., doktor tekhn. nauk; NIZKOV, A.A., kand. tekhn. nauk

Longitudinal rolling of periodic sections on an experimental mill with a hydraulic tracing servo system. Met. i gornorud. prom. no.1:41 Ja-F '64. (MIRA 17:10)

GOLUBEV, T.M., doktor tekhn. nauk; NIZKOV, A.A.; OMEL'CHENKO, P.P.; MOROZOV, L.V.

Unit pressure during rolling with continuously increasing reductions. Met. i gornorud. prom. no.6:27-29 N-D '65. (MIRA 18:12)

NIKKOVSKAYA, M.M.

Diagnosis of spinal tuberculosis and actinomycosis. Vest. khir. 71 no.2:65-66 1951. (CIML 20:8)

NIZKOVSKAYA, M.M., kandidat meditsinskikh nauk (Leningrad, 21, Institutskaya ul., d.6); GRATSIANSKIY, V.P., doktor meditsinskikh nauk

Early diagnosis of tuberculous spondylitis. Vest. khir. 74 no.6: 67-74 S '54. (MLRA 7:10)

1. Po opytu Gosudarstvennogo nauchno-issledovatel'skogo instituta khirurgicheskogo tuberkuleza i kostno-sustavnykh zabolevaniy.
(TUBERCULOSIS, SPINAL, diagnosis, early)

NIZKOVSKAYA, M. M.

Nizkovskaya, M. M.

"Tuberculous spondylitis in adults." State order of Lenin Inst for theAdvanced Training of Physicians imeni S. M. Kirov, and State Leningrad Sci Res Inst of Tuberculosis. Leningrad, 1956. (Dissertation for the degree of Doctor in Medical Sciences)

Knizhnaya letopis'
No. 21, 1956, Moscow

NIZKOVSKAYA, M.M., doktor med.nauk (Leningrad, K-21, Institutskaya ul., d.6, kv.31)

Early diagnosis of tuberculosis of the hip joint. Vest.khir. 82 no.3:136-139 Mr '59. (MIRA 12:2)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta khirurgicheskogo tuberkuleza (dir. - prof. P.G. Kornev).

(TUBERCULOSIS, OSTEOARTICULAR
hip, early diag. (Rus))
(HIP, dis.
tuberc., early diag. (Rus))

GRATSIANSKIY, V.P., prof. [deceased]; NIZKOVSKAYA, M.M., doktor med.nauk

Differential diagnosis of tuberculous osteitis and osteoblastoclastoma. Probl. tub. 42 no.11:19-22 '64.
(MIRA 18:8)

1. Leningradskiy institut khirurgicheskogo tuberkuleza (direktor - prof. D.K.Khokhlov, nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR prof. P.G.Kornev).

NIZKOVSKAYA, O.N.

Formation of an antibiotic substance by the fungus Verticillium lateritium (Fr.) Habh. depending upon the culture media. Trudy Bot.inst. Ser.2 no.8:49-52 '53. (MLRA 7:1)
(Antibiotics) (Fungi)

NIZKOVSKAYA, O.P.

Occurrence of antagonistic relationship among fungi of the genus Aspergillus Mich. Trudy Bot.inst. Ser.2 no.8:53-58 '53.
(MLRA 7:1)
(Fungi)

NIZKOVSKAYA, O.P.; MILOVA, N.M.; SHIVRINA, A.N.; LOVYAGINA, Ye.V.; PLATONOVA, Ye.G.

Biology and biochemistry of "chaga," the sterile form of Poria obliqua. Trudy Inst. mikrobiol. no. 6:277-285 '59. (MIRA 13:10)

1. Laboratoriya novykh antibiotikov Botanicheskogo instituta AN SSSR.

(PORIA OBLIQUA)

SHIVRINA, A.N.; NIZKOVSKAYA, O.P.; LOVYAGINA, Ye.V.; PLATONOVA, Ye.G.; MILOVA, N.M.

Chemical composition of pore fungi at different stages of their development. Bot.zhur. 44 no.12:1724-1727 D '59. (MIRA 13:4)

1. Botanicheskiy institut im. V.L.Komarova Akademii nauk SSSR, Leningrad.
(Mushrooms--Chemical composition)

NIZKOVSKAYA, O.P.; MILOVA, N.M.

Antagonistic characteristics of Basidiomycetes. Mikrobiologiia 32 no.5:771-777 S-O'63 (MIRA 17:2)

1. Botanicheskiy institut AN SSSR.

MATTISON, N.L.; NIZKOVSKAYA, O.P.; MARTYNOVA, Ye.Ya.

Medicinal effect of water extracts from birch leaves. Bast.issl. no.3:377-380 '65. (MIRA 18:10)

1. Botanicheskiy institut imeni V.L.Komarova AN SSSR, Leningrad i I Leningradskiy meditsinskiy institut imeni I.P.Pavlova.

YEFIMENKO, O.M., otv. red.; NIZKOVSKAYA, O.P., red.; SHIVRINA, A.N., red.; YAKIMOV, P.A., red.

[Feed proteins and physiologically active substances for livestock farming; higher fungi as possible sources of their production] Kormovye belki i fiziologicheski aktivnye veshchestva dlia zhivotnovodstva; vysshie griby kak vozmozhnye istochniki ikh polucheniia. Moskva, Nauka, 1965. 126 p. (MIRA 19:1)

1. Akademiya nauk SSSR. Botanicheskiy institut. 2. Laboratoriya biokhimii nizshikh rasteniy Botanicheskogo instituta im. V.L.Komarova AN SSSR (for Yakimov, Shivrina).

NIZKOVSKAYA, Ye. K.

"Influence of Growth Substances on Fruit Formation in Strawberries (Fragaria Bucharica)," Dokl. Ak. Nauk SSSR, 59, No. 3, 1948

NIZKOVSKAYA, YE. K.

USSR/Medicine - Plants, Physiology
Medicine - Variation

May 1948

"Formation Variations in Cotton Plants Under the Influence of 2, 4-Dichlorophenolhydroxy-acetic Acid," Yu. V. Rakitin, K. Ye. Ovcharev, Ye. K. Nizkovskaya, Institute of Plant Physiology imeni K. A. Timiryazev, Academy of Science USSR, 3 pp

"Dok Ak Nauk SSSR, Nov Ser" Vol LX, No6

Results of studies conducted to determine the formation variations in cotton plants that are the result of the administration of 2,4-dichlorophenolhydroxyacetic acid (DU). Tests were conducted in 1947 at the Farm imeni Kirov. Submitted by Academician N. A. Maksimov 22 Mar 1948.

PA 67T58

NIZKOVSKAYA, Ye. K.

"Adaptation of Certain Forms of the Genus Cousinia of Pamiro-Alay to Moisture Conditions," Botan. Zhur., 34, No. 2, 1949.

NIZKOVSKAYA, Ye.K.

Localization of gutta-percha in Eucommia. Dokl. AN Tadzh. SSR no.1:23-20 '51. (MLRA 9:10)

1.Institut botaniki Akademii nauk Tadzhikskoy SSR,Tadzhikskiy gosudarstvennyy universitet. Predstavleno chlenom-korrespondentom Akademii nauk Tadzhikskoy SSR P.N. Ovchinnikovym.
(Gutta-Percha) (Eucommia)

NIZKOVSKAYA, Ye.K.

Development of gutta-percha containers in eucommia. Dokl. AN Tadzh.SSR no.5:23-29 '52. (MLRA 9:10)

1. Tadzhikskiy gosudarstvennyy universitet. Predstavleno chlenom-korrespondentom AN Tadzhikskoy SSR V.F. Petrovym.
. . (Gutta-percha) (Eucommia)

L 00836-66 EWT(m)/EPF(c)/EWP(j) RM

ACCESSION NR: AP5016636 UR/0138/65/000/006/0042/0045
678.4:678.049:678.023

AUTHORS: Rakhman, M. Z.; Nizkovskikh, N. N.

TITLE: Effect of the conditions of plasticization on the plasto-elastic properties of natural rubber

SOURCE: Kauchuk i rezina, no. 6, 1965, 42-45

TOPIC TAGS: rubber, peptizer, plasticizer/Pepton, Bistri, Renacit IV

ABSTRACT: The conditions of plasticizing natural rubber by using various peptizers, e.g., Pepton 22 (o,o'-dibenzamidodiphenyl disulfide), Bistri (di-2,4,5-trichlorophenyl disulfide), and Renacit IV (zinc salt of pentachlorophenol) were investigated. The plasticizing effect of these substances was studied as a function of their amount and plasticizing time in the rubber mixer RS-140. Plotted curves show that the addition of 0.05 parts by weight of peptizer considerably increases the plasticity of natural rubber. The optimum amount is 0.30-0.40 p.p.wt. for Bistri and 0.15-0.30 p.p.wt. for Renacit IV and for Pepton 22. According to their effectiveness, the peptizers follow the order: Renacit IV,

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ACCESSION NR: AP5016636 C

Pepton 22, zinc oxide, stearin, Bistri. Zinc oxide and stearin can be used as an effective peptizer (especially for food products). A minimum exposure of 9 hr is necessary to impart uniformity to the plasticized natural rubber. The elastic properties of the plasticized natural rubber change in storage much more rapidly than for a resin mixture of the same plasticity. The plasticity of natural rubber plotted against plasticizing time and plasticizer type shows that Neozone D lowers the effect of Renacit IV and Bistri at 130-145C. In a combined plasticizing and mixing process, Neozone D must be added at the end of the mixing. In plasticization on rolls, the plasticity of natural rubber increases more rapidly in the presence of peptizers. At the end of the process the plasticity of natural rubber is equalized in both cases. It is established that the effects observed by using different combinations of poptizers can be divided into three groups: 1) synergy--the use of a mixture of Renacit IV and Pepton 22. The plasticizing proceeds more rapidly and with a smaller amount of peptizers than by using these products separately; 2) additivity--the activity of the combinations of each substance is equal to the sum of the activities of the single components; 3) the inhibiting effect--the addition of zinc oxide and stearin separately to Renacit IV, Pepton 22, and Bistri decreases the plasticity of rubber. The plasto-elastic properties of mixtures and the physico-mechanical properties of vulcanizates and products made

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L 00886-66

ACCESSION NR: AP5016636

3

from natural rubber are tabulated. The properties of vulcanizates are better after a combined plasticizing and mixing process than after separate processes. Orig. art. has: 3 figures and 1 table.

ASSOCIATION: Orenburgskiy zavod rezino-tekhnicheskikh izdeliy (Orenburg Plant of Rubber Technical Products)

SUBMITTED: 00 44,55 ENCL: 00 SUB CODE: MT, GC

NO REF SOV: 005 OTHER: 001

Card 3/3 DP

RAKHMAN, M.Z.; PETROVA, T.I.; NIZKOVSKIKH, N.N.

Effect of technological factors on the bond strength of stiff double-ply butadiene-nitrile rubber. Kauch. i rez. 24 no.11: 45-47 '65. (MIRA 19:1)

1. Orenburgskiy zavod rezino-tekhnicheskikh izdeliy.

NIZKOVSKIY, V.

Honorary guest of Denmark. Av. i kosm. 45 no.11:74-76 '62. (MIRA 15:11)

(Gagarin, Iurii Alekseevich, 1934-)

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Book review. Zem.i vsel. 1 no.2:93 Mr-Ap '65.

(MIRA 18:8)

NIZKY, I.

Mastering the cutting of beech timber. p. 21.
LES, Bratislava, Vol. 1, no. 3, Mar. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

NIZKY, I.

Technical and organizational operations in the production and transportation of timber. p. 13 (Les Vol. 3 (l.e. 12) no 1, Jan. 1956 Bratislava)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

CZECHOSLOVAKIA

Pavel LACOK and Anna NIZNANSKA, Department of Plant Physiology, Biology Institute of the Slovak Academy of Sciences, Czechoslovak Academy of Sciences (Oddelenie fyziologie rastlin, Biologicky ustav slovenskej akademie vied, CSAV [Ceskoslovenska Akademia Ved],) Bratislava.

"Vegetative Reproduction of Poplars."

Bratislava, Biologia, Vol 18, No 2, 1963; pp 132-140.

Abstract [German summary modified]: Metabolic and biochemical studies of dry matter, ashes, N, P (as P_2O_5), K (K_2), Ca (CaO), ether-extractible and reducing substances, starch and cellulose in 1- and 15-year old poplars. N, P and K are localized in the vegetative; starch, Ca and cellulose in the basal parts. Cellulose is higher in young, Ca and ether extractives in older trees; paper chromatography of amino acids and sugars shows that former increase, latter decrease during root formation, without qualitative changes. Four tables, 5 chromatograms, 1 electrophoregram; 7 Western and 8 Czech references.

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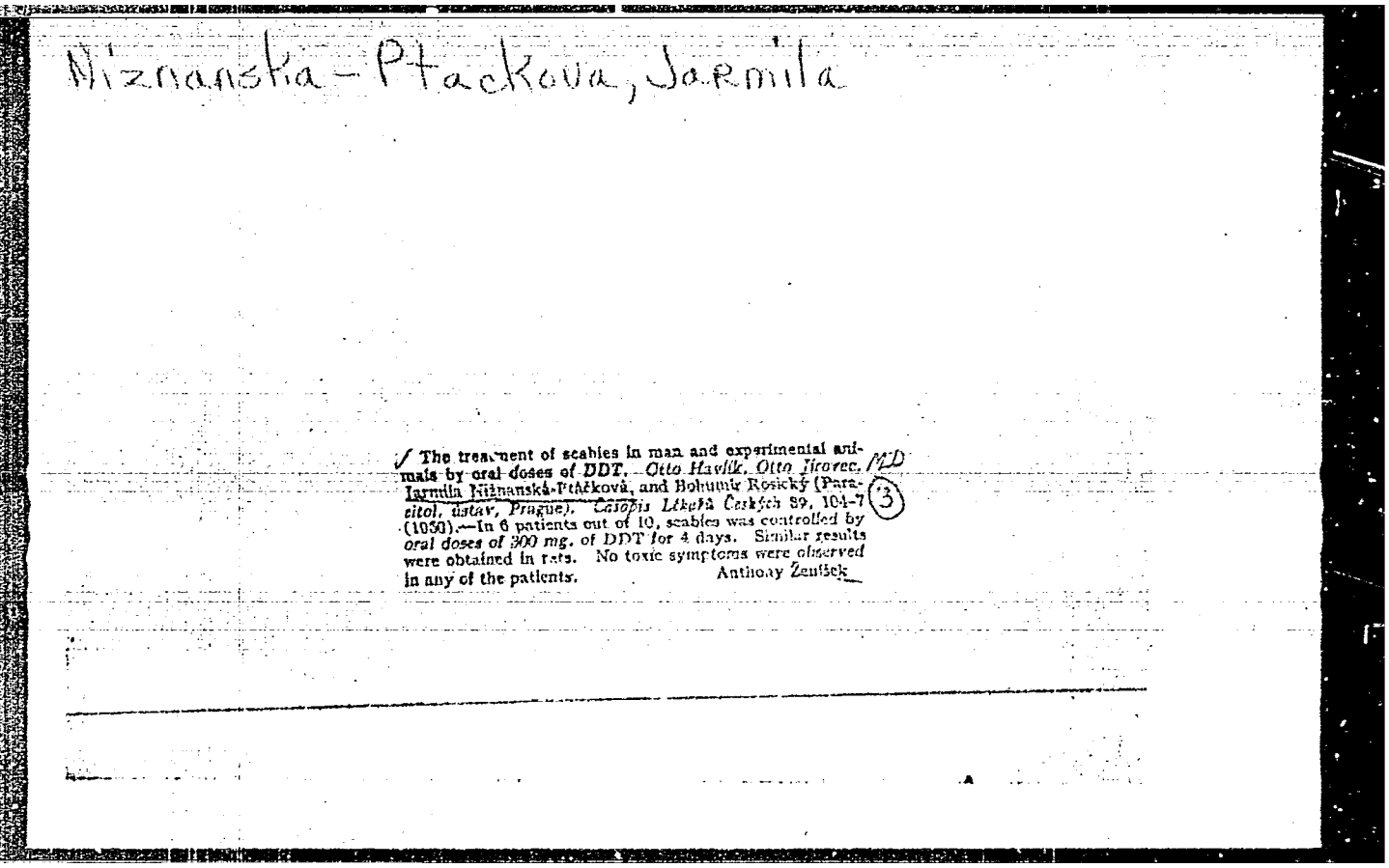

Niznanska - Ptackova, Jaromila

✓ The treatment of scabies in man and experimental animals by oral doses of DDT. Otto Havlík, Otto Jirovec, Jaromila Nižnanská-Ptáčková, and Bohumír Rosický (Parasitol. ústav, Prague). Časopis Lékařů Českých 89, 104-7 (1950).—In 6 patients out of 10, scabies was controlled by oral doses of 900 mg. of DDT for 4 days. Similar results were obtained in rats. No toxic symptoms were observed in any of the patients. Anthony Zeuflek

MD

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. NIZNANSKA-PTACKOVA, J.

Occupational dermatoses in metal workers and miners. Prakt. lek., Praha 31 no. 23:505-506 5 Dec. 1951. (CLML 21:3)

1. Of the State District Hospital, Kladno.

NIZNANSKA, J., MUDr.; SVATEK, Z., MUDr.

Work of a dermatologist in an industrial center. Cesk. zdravot. 4 no.10:605-607 Oct 56.

1. Okresni ustav narodniho zdravi na Kladne.
(DERMATOLOGY
funct. of dermatologist in indust. center (Cz))
(INDUSTRIAL HYGIENE,
same)

NIZNANSKA, J.; HOLAN,V.; JILEK,M.; TRNKA,J.;Technicka spolupracet VOLJOVA,F.

Treatment of warts with liquid nitrogen. Cesk. derm. 39 no.1: 59-63 F'64

1. I. dermato-venerologicka klinika fakulty vseobecneho lekarstvi KU v Prase (prednostat prof.dr. J.Konopik, DrSc.) a Kozni oddeleni OUNZ v Kladne (vedoucit MUDr. J.Niznanska).

MAJERNIK, Ondrej, inz., C.Sc.; NIZNANSKY, Augustin, prom. mat.

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(Apricot)

KOZINKA, Vladimir; NIZNANSKY, Augustin

Biometric analysis of the relationship between the osmotic pressure of the cell sap and its refractive index. Biológia plantarum 5 no.1:77-84 '63.

1. Department of Plant Physiology, Institute of Biology, Slovak Academy of Sciences, Bratislava IX, Dubravska cesta 26.

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1. Vet. fakulta VSZ v Brne - Laboratorium exper. vet., pobocky CSAZV v Bratislave.

(BRUCELLA)

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1. SMZ Dubnica nad Vahom.

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Studies on dermatomycosis in Slovakia. Cas. cesk. vet. 5 no.14:324-326 25 July 1950. (CLML 20:1)

1. Work jointly conducted by State Health Institute, Dermatological Clinic of the Medical Faculty at Slovak University, and State Diagnostic Veterinary Institute in Bratislava.

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Problems and tasks of veterinary administration in Slovakia with reference to protection of human health. Cas.cesk.vet. 5 no.19: 447-452 10 Oct 50. (CIML 20:4)

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Prioskum dermatomykos na Slovensku. [Dermatomycosis in Slovakia]
Sloven lekar 12:8 Aug 50 p. 431-3.

1. HAI
CLML Vol. 20, No. 2 Feb 1951

NIZNANSKY, FRANTISEK,

NIZNANSKY, Frantisek; STRICKER, Frantisek; KARELOVA, Jarmila

Experience with typing of strains of Brucella. Cesk. hyg. epidem. mikrob. 2 no.5:374-380 Oct. 53.

1. Ze Statneho vedeckeho veterinarneho ustavu v Bratislave.
(BRUCELLA,
typing)

NIEMANSKY, Frantisek, MUDr

Role of epizootologists food supply. Cesk. hyg. epidem. mikrob. 2 no.6:412-419 Dec. 53.

1. Riaditel Statneho vedeckeho vterinarneho ustavu v Bratislave.

(FOOD,
supply in Czech., role of veterinary med.)
(MEDICINE, VETERINARY,
in Czech., role in food supply)

E-5

CZECHOSLOVAKIA/Virology - Rickettsias.

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67017

Author : Niznansky, F., Gmittor, J.
Inst : -
Title : Data on the Epizoology and the Spread Centrum of Coxiella Disease in Sheep.

Orig Pub : Veterin. casop., 1956, 5, 328-339.

Abstract : In connection with two epidemics of coxiella disease (Q-fever) in Czechoslovakia in 1954, sheep, goats and cattle were inspected by the "RSK" [RBC - Reaction of Blood Coagulation?] method in various districts, particularly in localities where previous infections in man were observed. Positive reactions were obtained in some of the animals. The efforts in 1954 to isolate the specific causal agents from cow and sheep milk were a complete failure. However, when guinea pigs were infected with a material from the test animals, characteristic

Card 1/2

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CZECHOSLOVAKIA/Microbiology - General Microbiology. Systematics, F
Morphology, Cytology.

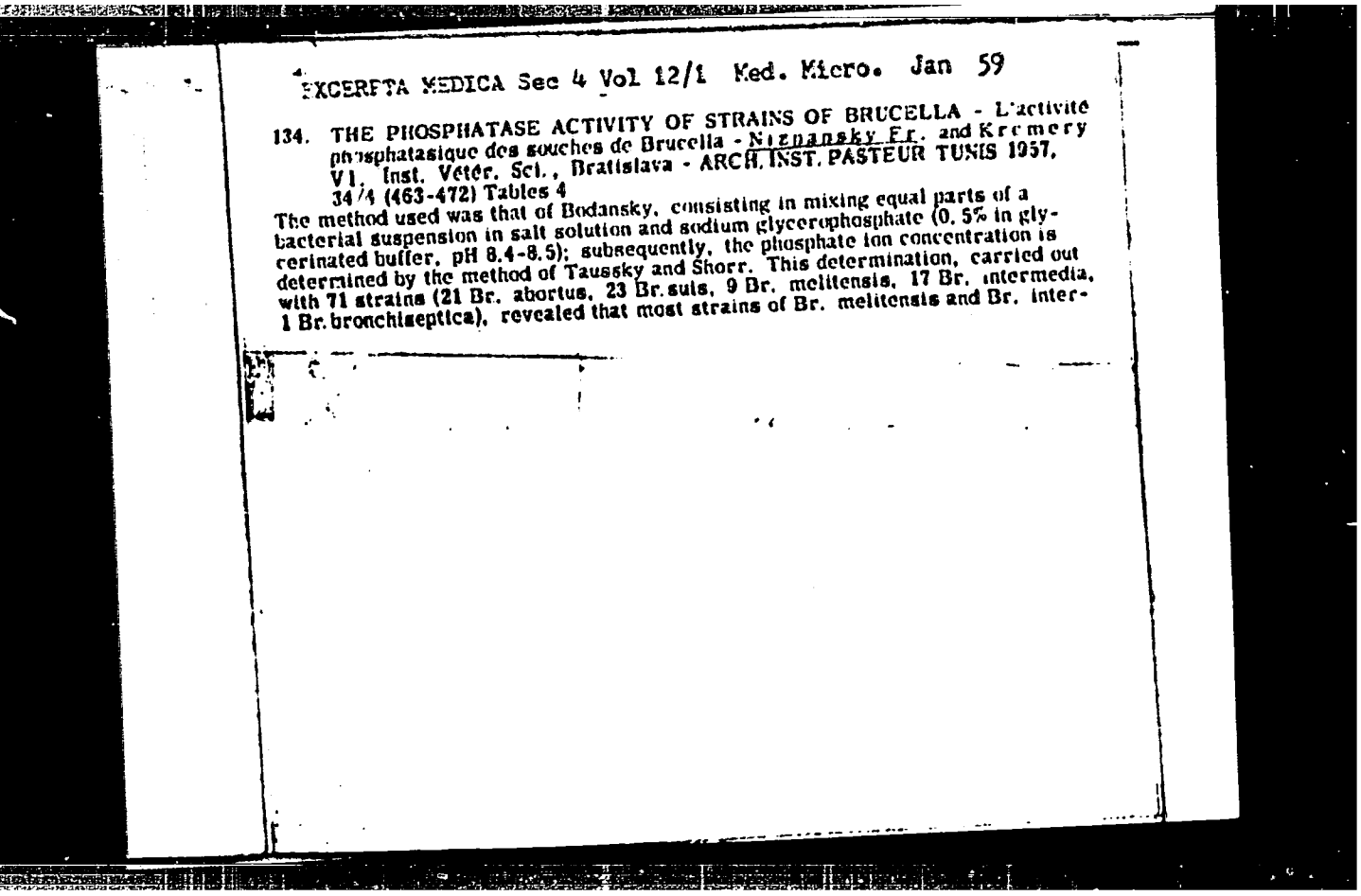
Abs Jour : Ref Zhur Biol., No 22, 1958, 99215

Author : Niznansky, Fr.
Inst : -
Title : Biological Properties of Brucella Strains Isolated in Czechoslovakia. Part 1. A Study of Bacteria Strains, Obtained from Sheep in Southern Moravia

Orig Pub : Veterin, casop., 1957, 6, 466-477

Abstract : No abstract.

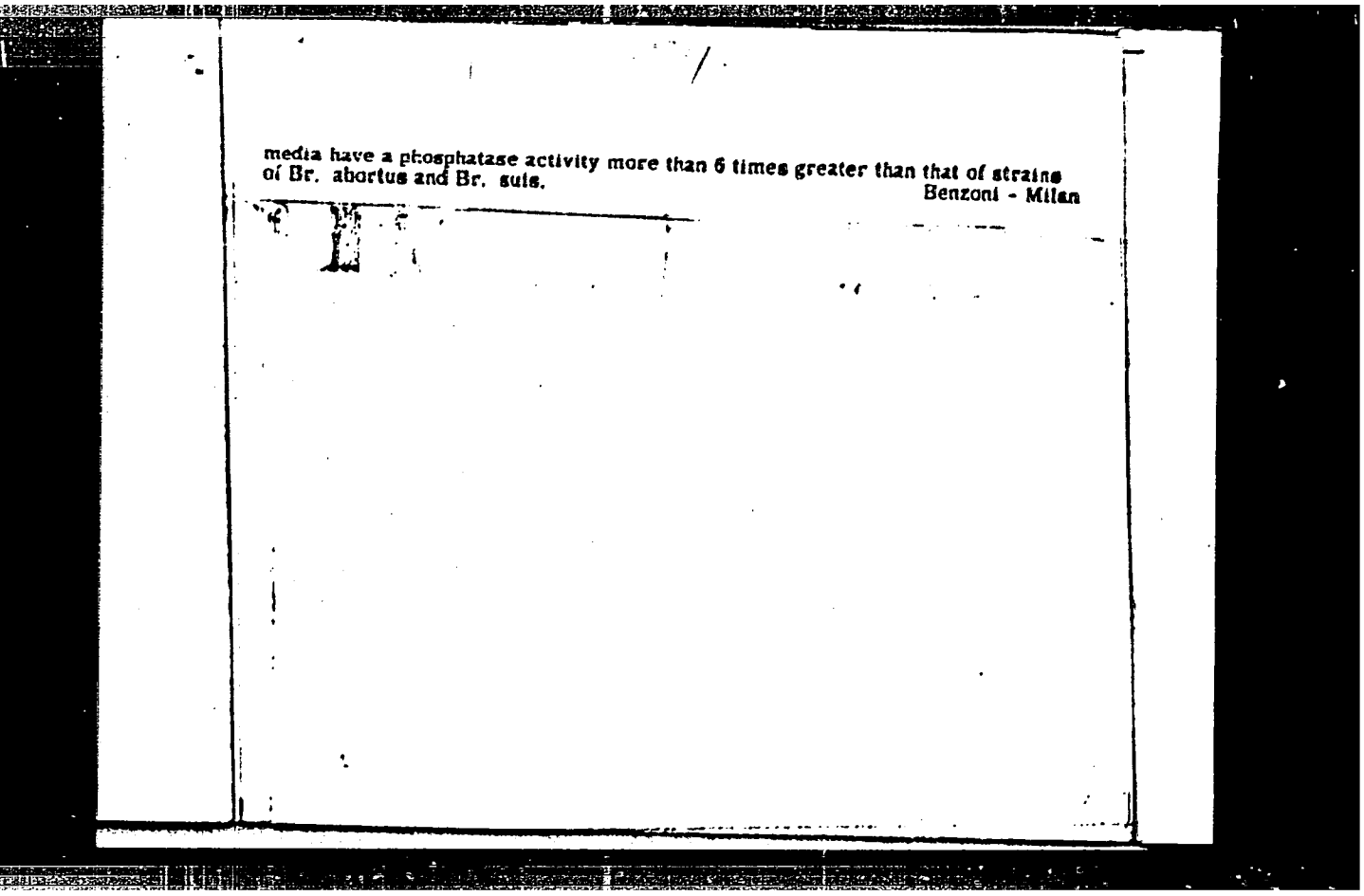
Card 1/1



EXCERPTA MEDICA Sec 4 Vol 12/1 Med. Micro. Jan 59

134. THE PHOSPHATASE ACTIVITY OF STRAINS OF BRUCELLA - L'activite phosphatasique des souches de Brucella - Niznansky Fr. and Kremery V. Inst. Veter. Sci., Bratislava - ARCH. INST. PASTEUR TUNIS 1957, 34/4 (463-472) Tables 4

The method used was that of Bodansky, consisting in mixing equal parts of a bacterial suspension in salt solution and sodium glycerophosphate (0.5% in glycerinated buffer, pH 8.4-8.5); subsequently, the phosphate ion concentration is determined by the method of Taussky and Shorr. This determination, carried out with 71 strains (21 Br. abortus, 23 Br. suis, 9 Br. melitensis, 17 Br. intermedia, 1 Br. bronchiseptica), revealed that most strains of Br. melitensis and Br. inter-



media have a phosphatase activity more than 6 times greater than that of strains of Br. abortus and Br. suis.

Benzoni - Milan

NIZNANZKY, Fr.; OFUKANY, L.; KRCMERY, Vl.

Preparation, biochemical properties and diagnostic value of various Brucella allergens. Cesk. epidem. mikrob. imun. 7 no.5:321-325 Sept 58.

1. Statny vedecky veterinarny ustav v Bratislave.

(BRUCELLA,
allergens, prep., biochem. & diag. value (Cz))

NIZNANSKY, Frantisek

Problem of the infectious epididymitis of rams. Vestnik CSAZV 8 no.9: 482-483 '60. (EKAI 10:3)

1. Clen corespondent Ceskoslovenske akademie zemedelskych ved.
(Czechoslovakia--Rams)

NIZMANSKY, F.; GMITTER, J.

On the problem of occupational Coxiella burnetii infections in human subjects. Pracovní lek. 12 no. 8:416-418 0'60.

1. Laboratorium experimentalneho veterinarstva PCSAV Bratislava Statny vedecky veterinarny ustav, Bratislava.
(Q FEVER epidemiol)
(OCCUPATIONAL DISEASES epidemiol)

HIZNANSKY, F.

The appearance of brucellosis in pigs in Czechoslovakia and biological properties of porcine Brucella strains. Cesk.epidem. mikrob.imun.10 no.1:31-39 Ja '61.

1. Laboratorium experimentalneho veterinarstva PCSAPV v Bratislave.
(BRUCELLOSIS veterinary)
(SWINE dis)

NIZNANSKY, Fr.

Cultivation of brucellic strains with reference to the sensitivity to antibiotics. Cesk. epidem. mikrob. imun. 10 no.5:309-313 S '61.

1. Laboratorium experimentalneho veterinarstva pobocky CSAPV v Bratislave.
(BRUCELLA culture) (ANTIBIOTICS pharmacol.)

NIZNANSKY, Fr.

Biological properties of bovine strains of Brucella and their role in the eradication of brucellosis. Cesk. epidem. 11 no.3:160-165 My '62.

1. Laboratorium experimentalneho veterinarstva Pobocky CSAPV v Bratislave.

(BRUCELLA) (BRUCELLOSIS prev & control)

NIZNANSKY, Fr.

Natural sources of rabies. Cesk. epidem. mikrob. imun. 11 no.4:254-259 Jl '62.

1. Laboratorium experimentalneho veterinarstva PCSAPv v Bratislave.
(RABIES transmission) (ZOONOSES)

NIZNANSKY, F.

Current status of information on pseudotuberculosis and its epidemiological prospects. Cesk. epidem. 13 no.5:312-317 S '64.

1. Vyskumny ustav veter. lekarstva Brno, pracovisko Ivanka pri Dunaji.

NIZNANSKY, F.

The aspects of the action against the most important Zoocantroponoses. Cesk. hyg. 10 no.6:354-360 Jl'65.

1. Vyskumny ustav veterinarneho lekarstva Brno, Pracovisko Ivanka pri Dunaji a Vyskumny ustav hygieny, Bratislava.

ACC NR: AP6026991 (A) SOURCE CODE: CZ/0067/66/000/004/0219/0222

AUTHOR: Niznansky, F.

ORG: Research Institute of Hygiene, Bratislava (Vyzkumny ustav hygieny)

TITLE: Rapid biochemical methods for differentiating Brucella suis from Brucella abortus

SOURCE: Ceskoslovenska epidemiologie, mikrobiologie, imunologie, no. 4, 1966, 219-222

TOPIC TAGS: brucella suis, brucella abortus, enzymatic activity determination, growth inhibition test, disease diagnosis, biochemistry, enzyme, infectious disease

ABSTRACT:

A reliable differentiation between the *Brucella abortus* and *Brucella suis* strains by a concise standardization scheme is reported. The method consists of determination of enzymatic activity and of growth inhibition tests using selective inhibitors. The enzymatic tests consist of quantitative manganometric determination of catalase activity, and of quick and simple tests for peroxydase and urease activity. Growth inhibition tests are made by the paper

Card 1/2

ACC NR: AP6026991

strip method on one plate with basic fuchsine, thionine, diethyl-dithiocarbomate, 8-oxyquinoline and penicillin. Neither the use of safranin , malachite green nor a test for H_2S production were found to be of any help in differentiating between *Brucella suis* and *Brucella abortus*.

[WA-50; CBE No. 11]

SUB CODE: 06/ SUBM DATE: 29Sep65/ ORIG REF: 004/ OTH REF: 014/

Card 2/2

CZ/0067/66/000/004/0219/0222

CZECHOSLOVAKIA
AUTHOR: Kiznansky, F.

ORG: Research Institute of Hygiene, Bratislava (Vyzkumny ustav hygieny)

TITLE: Rapid biochemical methods for differentiating Brucella suis from Brucella abortus

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NIZNANSKY, JOZEF.

Jasna a demanovska dolina. (Vyd. 1.) Bratislava, Nakl. Cestovneho ruchu. 1953. 34 p. (The Jasna dnd Demanova Valleys; a guidebook. (1st ed. illus.)

SOURCE: East European Accessions List. (EEAL) Library of Congress. Vol. 5, No. 8, August 1956.

NIZNANSKY, JOZEF.

Zilina a okolie. (Vyd. 1.) V Bratislave, Statne telovychovne nakl., 1954.
38 p. (The city of Zilina and its environs. 1st ed. illus.)

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956