

BALABANOVA, Z.M., kandidat biologicheskikh nauk.

Protect the waters of the Urals from pollution. Priroda 46 no.9:  
55-60 # '57. (MIRA 10:8)

1. Ural'skoye otdeleniye Vsesoyuznogo nauchno-issledovatel'skogo  
instituta ozerogo i rechnogo rybnogo khozyaystva, Sverdlovsk.  
(Ural Mountain region--Water--Pollution)

BALABANOVA, Z.N.

Effect of industrial pollution on the Kama Reservoir during  
the spring filling. *Gidrokhim.mat.* 29:75-80 '59.

(MIRA 13:5)

1. Laboratoriya gidrokhimii Ural'skogo otdeleniya Vsesoyuznogo  
nauchno-issledovatel'skogo instituta osernogo i rechnogo rybnogo  
khozaystva, Sverdlovsk.

(Kama Reservoir--Water--Pollution)

BALABANOVA, Z.M., kand.biologicheskikh nauk

The waters of the Urals must not be polluted. Okhr. prir. na  
Urals no.1:43-46 '60. (MIRA 14:4)  
(Ural Mountain region--Water--Pollution)

BALABANOVA, Z.M.; ZHARIKOV, S.S.; TROITSKAYA, V.I.

Lakes of the Ural Mountains that need to be preserved and declared  
natural monuments. Okhr. prir. na Urale no.2:131-134 '61.

(MIRA 17:7)

BALABANOVA, Z.M., kand. biolog. nauk; DEKSBAKH, N.K., doktor biolog. nauk;  
KATAYEVA, G.M., nauchnyy sotrudnik

Vladimir Vasil'evich Epshtein (1902-1960). Okhr. prir. na Urale  
no.2:163-166 '61. (MIRA 17:7)

BALABANOVA, Z.M., kand.biolog.nauk

Preventing the suffocation of fish in the Ural lakes. Okhr.prir.  
na Urale no.3:37-50 '62. (MIRA 16:6)

(Ural Mountains--Fishes)  
(Ural Mountains--Water--Oxygen content)

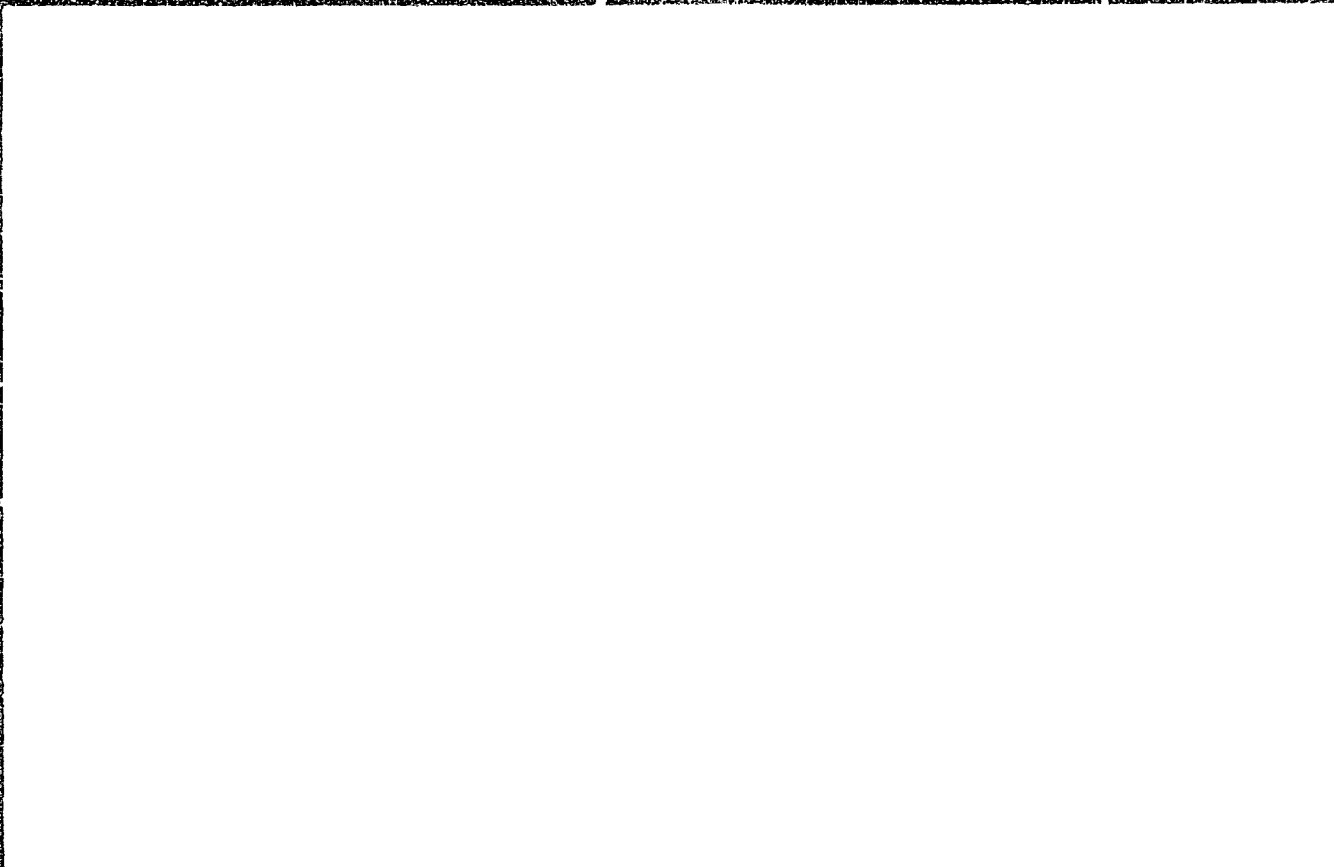
BAIARANOVA, Z.M., kand. biolog. nauk

Development of the water habitat in the Volchinsk reservoir at the first fill-in stage in connection with pollution by industrial sewage. Ochr. priro. na Urale no.2:31-42 '61.

(MIRA 17:7)

"APPROVED FOR RELEASE: 06/06/2000

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CIA-RDP86-00513R000103130008-5"



*by the author*

Archaeological characteristics of the site

BALABANOVICH, D.F.

Multiple traumatic invagination of the small intestine. Med. zhur.  
Usb. no. 1:70-71 Ja '60. (MIRA 13:8)

1. Iz khirurgicheskogo otdeleniya (zav. - S.P. Skvortsov)  
Kaganskoy gorodskoy bol'nitsy (glavnyy vrach - R.Kh. Kil'keyeva).  
(INTESTINES--INTUSSUSCEPTION)

LESOKHIN, I.G.; TSITOVICH, O.B.; BALABANOVICH, G.N.; VINNIKOV, L.I.

Analysing the speed rate in the formation of a fluidised bed.  
Trudy LTI no.59:83-94 '61. (MIRA 17:9)

BALABANOVICH, G.N.; VINNIKOV, L.I.; LESOKHIN, I.G.

Resistance to acids of acid-resistant bricks. Trudy LTI  
no.59:95-100 '61. (MIRA 17:9)

"Jubilee Exhibition of Archives in the  
Governmental Museum of Literature on the  
Life and Accomplishments of Chekhov"  
Vest. Ak. Nauk SSSR, No. 9, 1944

Br-52059019

TIMROT, Aleksandr Dmitriyevich; BALABANOVICH, Ye.2.; DUDOROVA, L., red.;  
SHELYK, M., tekhn. red.

[Prishvin in Moscow region] Prishvin v Moskovskom krae.  
Moskva, Moskovskii rabochii, 1963. 135 p. (MIRA 16:6)  
(Prishvin, Mikhail Mikhailovich, 1873-1954)

BALABANOVSKIY, G. L.

USSR/Medicine - Tissue Therapy

Jul 51

"Tissue Therapy in the Treatment of Ulcers and Bronchial Asthma," B. Ye. Gluzberg, G. L. Balabanovskiy, Leningrad Basin Clinical Hosp of the Northwest Water Sanitation District

"Sov. Med" No 7, pp 11, 12

The tissue therapy method of treatment for ulcers and bronchial asthma has given good results. Skin or tissue from a hernia sac can be used and the use of other human tissues (in the absence of suitable animal tissue) is being studied.

204742

PENCHEV, Iv.; PAPAHOV, G.; DIMITROVA, IA.; BALABANSKI, L.

On certain characteristics of the appearance, course and therapy of Basedow's disease according to data of the Second Internal Clinic of ISUL during 1953-56. *Suvrem.med., Sofia* no.6:39-53 '59.

1. Iz Katedrata po endokrinologija i bolesti na obmanata pri ISUL. Zav.katedrata: prof. Iv. Penchev.  
(HYPERTHYROIDISM statist)



**BALABANSKI, L.; DOBREV, G.**

A case of cervical tuberculous lymphadenitis associated with hepatolienal tuberculosis. *Suvrem.med., Sofia 2 no.1:102-105 '60.*

1. Iz Mediko-sanitarnata chast - gr. Dimitrovo. Glaven lekar:  
B. Pavlov.

(TUBERCULOSIS LYMPH NODE compl.)  
(TUBERCULOSIS HEPATIC compl.)  
(TUBERCULOSIS SPLENIC compl.)

BALABANSKI, L.

Angina pectoris as an initial sign of cardiac decompensation  
in patients with mitral defects. Suvr. med. 12 no.10:93-96 '61.

1. Is Obedinenata pravitelstvena bolnitsa - Sofia (Direktor  
A. Filipova).

(ANGINA PECTORIS)  
(HEART FAILURE CONGESTIVE)  
(MITRAL STENOSIS)

BALABANSKI, L.; STOILOV, Zh.; ZAREV, V.; MERETEV, At.

Hypertension in some selected settlements of the Pleven District,  
Izv Inst khrapene BAN 3:135-143 '64.

BALABANSKI, L.

Nutrition and the incidence range of diabetes mellitus in some  
selected settlements of the Pleven District. Izv Inst khranena  
BAN 3:165-173 '64.

BULGARIA

BALABANSKI, L.T., Department of Gastroenterology and Dietetics (Katedra po Gastroenterologiya i dietetika), Medical Specialization Institute (Institut za spetsializatsiya i usuvurshenstvuvaneto na lekarite).

"Application of Aldacton (Spirolacton) in Treatment of Edemata and Ascites."

Sofia, Suvremenna Meditsina, Vol 14, No 3, 1963, pp 19-25.

Abstract: [Author's Russian summary/ Spirolacton (Aldacton, C 9420) was used to treat three patients suffering from edemata and ascites. An increase in sodium, chlorine, and water diuresis was observed. No particular effect on the edemata or ascites was observed, a fact explicable in terms of the brief period of application. The serum levels of sodium and the chlorides appeared stable. A favorable effect was evident on the preceding hypopotassemia caused by the Hygroton preparation. Several questions of the treatment of spirolactons are discussed. Recent [1/1/Western references.

BALABANSKI, L.T.

Administration of aldactone (spironolactone) in the treatment  
of dropsy and ascites. Suvr. med. 14 no.3:19-25 '63.

(SPIRONOLACTONE) (EDEMA) (ASCITES)

BALABAS, G.<sup>M</sup>, nauchnyy sotrudnik

Knotweed Polygonum Weyrichii. Nauka i pered.op. v sel'khoz. 8 no.11:  
43-45 M '58. (MIRA 11:12)

1. Botanicheskiy institut im. V.L. Komarova AN SSSR.  
(Knotweed)

BALARAS, G.M.

*Polygonum Weyrichii* F. Schmidt in Leningrad Province. Trudy  
Bot.inst.Ser.6 no.7:262-263 '59. (MIRA 13:4)

1. Botanicheskiy institut im. V.L.Komarova AN SSSR (BIN),  
Leningrad.

(Leningrad Province--Knotweed)



BAIARAS, G.M.

Flowering and fruiting of the knotweed *Polygonum*  
*weyrichii* Schmidt. Bot.zhur. 45 no.8:1201-1207  
Ag '60. (MIRA 13:8)  
(Leningrad Province—Knotweed)

BALABAS, G. M., CAND BIO SCI, "THE WEYRICH KNOTWEED  
(POLYGONUM WEYRICHII F. SCHMIDT) AND ITS BIOLOGY IN LE-  
NINGRADSKAYA OBLAST." LENINGRAD, 1961. (MIN OF ED RSFSR,  
LENINGRAD STATE PED INST IM GERTSEN, CHAIR OF BOTANY).  
(KL, 3-61, 210).

BALABAS, G.M.; BUYKO, R.A.; GRASHCHENKOV, A.Ye.; SATSYPEROVA,  
I.F.; SANDINA, I.B.; SINITSKIY, V.S.; SOKOLOV, V.S.

[Introduction of medicinal, aromatic, and technical plants;  
results of the work of the introduction nursery of the  
Botanical Institute of the Academy of Sciences of the  
U.S.S.R. for 250 years] Introduktsiia lekarstvennykh, aro-  
matischeskikh i tekhnicheskikh rastenii; itogi rabot intro-  
duktionnogo pitomnika BIN AN SSSR za 250 let. Moskva,  
Nauka, 1965. 424 p. (MIRA 18:9)

1. Akademiya nauk SSSR. Botanicheskiy institut.

BALABAS, G.M.; SATNYTEROVA, I.E.; DOBOLY, V.

History of the study of medicinal plants in the introduction nursery  
of the Botanical Institute of the Academy of Sciences of the U.S.S.R.  
Rast.res. 1 no.3:451-460 '65. (MIRA 18:10)

1. Botanicheskiy Institut (genl V.I. Korotova) AN SSSR, Leningrad.

BALABAS', N., VEDENEV, P.

Windbreaks, Shelterbelts, Etc.

Merging forest nurseries with shelter belt stations. Les. khoz 5 no. 3(42), 1952

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

Tree Planting

Dense plantings are more productive than sparse plantings. Los 1 step' 5, No. 2, '53.

Monthly List of Russian Accessions, Library of Congress  
June 1953. UNCL.

ZOLOTUKHIN, V.K.; LINOK, S.V.; VERBLYAN, N.I.; BALABAS, S.I.

Comparative stability of trihydroxyglutarate, malate, and fluconate complexes of nickel and cobalt. Ukr.khim.zhur. 29 no.1:3-6 '63.  
(MIRA 16:5)

1. L'vovskiy gosudarstvennyy universitet.  
(Nickel compounds) (Cobalt compounds) (Acids, Organic)

DYATLOV, G.I., podpolkovnik; voyenny letchik 1-go klassa; BALABASEV, A.F.,  
podpolkovnik; SYCHEV, S.P., podpolkovnik, kand. voyennykh nauk,  
dotsent.

Tactical training of naval pilots. Mor. sbor. 49 no. 12:38-42  
D ' 65 (MIRA 19:1)



I. 43075.66

ACC NRI AP6015400

(N)

SOURCE CODE: UR/0375/65/000/012/0038/0042

AUTHOR: Dyatlov, G. I. (Lieutenant colonel, Military pilot first class); Balabasev, A. F. (Lieutenant colonel); Sychev, S. P. (Candidate of military sciences, Docent, Lieutenant colonel)

ORG: none

33  
B

TITLE: Tactical training of navy fliers

SOURCE: Morskoy sbornik, no. 12, 1965, 38-42

TOPIC TAGS: naval aircraft, naval training, tactical warfare

ABSTRACT: Suggestions for improving the organization of tactical training of navy fliers are offered by *Morskoy sbornik* readers. The name of each reader appears in brackets following his comments. The independent solution of a complex tactical problem by each member of the crew is suggested as a means of improving the level of tactical training. The five-point system for evaluating the tactical level of pilots and navigators should be replaced by exams [Dyatlov]. Training flight exercises and combat problems should be carried out in conjunction with other flight groups, ships and naval units. Joint planning of such tactical exercises would involve all participating arms and units. The Black Sea fleet has tried joint training exercises with good results. In these exercises, representatives of the air arm should be stationed on

Card 1/2

L 45075-66

ACC NR: AP6015400

ships to direct flights, and promote flight safety. Closer collaboration between ASW ships and ASW aircraft is urged [Balabasev]. It is proposed that pilots be confronted with unfamiliar situations (in which they are supplied with insufficient data and a short time in which to react) so that they may learn how to react correctly and unhesitatingly in critical situations. The individual approach to the solution of tactical problems is deemed time-consuming and unsuited to naval aviation [Sychev].

SUB CODE: 01,15/      SUBM DATE: none/      ORIG REF: 001

Card 2/2    hs

ACC NR: AP5033310

SOURCE CODE: UR/0375/66/000/010/0050/0052

AUTHOR: Balabasev, A. F. (Lieutenant colonel)

ORG: none

TITLE: More attention to naval training of pilots

SOURCE: Mbrskoy sbornik, no. 10, 1966, 50-52

TOPIC TAGS: pilot training, seaplane, naval training, flying training, naval aviation

ABSTRACT: It is now the duty of the commander and staff of aviation units to provide pilots with adequate naval training. The crew members of a seaplane should master all operational procedures as to how to control a seaplane afloat, to perform a smooth takeoff and landing, and to moor a seaplane at a seaplane port. They should be capable of performing joint military operations with the fleet, be able to identify the classes of ships, know signal codes, and use rescue equipment in case of a forced landing on water. Pilots should know how to swim, to row a boat, read light signals, and navigate by the stars. The intensive practical training of pilots is the responsibility of the commanders of naval aircraft, air staff, and political organs. Orig. art. has: 2 figures.

SUB CODE: Os, 15/ SUBM DATE: none

Card 1/1

L'VOV, V.M., dotsent; NOVOKRESHCHENOV; TUROVSKIY; BALABASHIN; ZIMINA; VEBER;  
KONGSHENKO; BAKANOV, A.

Improving the qualifications of veterinarians. Veterinaria 41  
no.8:96-99 Ag '64. (MIRA 18.4)

1. Leningradskiy veterinarnyy institut (for L'vov).

BALABASHKIN, S.V.; KIPER, Z.M.

Mechanization of hauling operations in meat and fat processing shops.  
Khar. prom. no.2:20-21 Ap-Je '65. (MIRA 18:5)

**BALABAY, A.**

Teach by actual practice. Sov. profsoiusy 16 no.22:44-46 W '60.  
(MIRA 14:1)

1. Predsedatel' Khersonskogo oblastnogo soveta profsoyuzov.  
(Kherson Province--Trade unions)  
(Kherson Province--Repair and supply stations)

SHANIN, S.A.; BALABAY, F.I.

Using filters with major mud-filtering capacity in purifying water.  
Vod. i san. tekhn. no.6:13-14 Je '58. (MIRA 11:5)  
(Alma-Ata--Filters and filtration)

SHANIN, S.A.; BALABAY, F.I.; KONONENKO, D.F.; MIKULIN, G.I. [Mykulin, H.I.];  
BOROVSKAYA, N.V. [Borova'ka, N.V.]; SHINKEVICH, A.P. [Shynkevych, A.P.];  
LIBERZON, L.M.; AMELIN, A.G. [Amelin, A.H.]; BURYAK, K.A.; PECHONKIN,  
V.V. [Pechonkin, V.V.]; YATSENKO, N.N.; GAL'PERIN, N.I. [Hal'perin,  
N.I.]; PEBALK, V.L.; CHEKHOMOV, Yu.K.

Inventions and improvements; certificates of inventions. Khim.prom.  
[Ukr.] no.2:62-64 Ap-Je '65. (MIRA 18:6)



BALABAYCHENKO, Ye.

Expansion of road construction in Rostov Province. Avt.dor.  
23 no.1:28 Ja '60. (MIRA 13:5)

1. Glavnyy inzhener tresta "Rostoblavtodorstroy."  
(Rostov Province--Road construction)

BALABAYCHENKO, Ye.

Construction of mountain roads in Afghanistan. Avt. dor. 26  
no.6:30 Je '63. (MIRA 16:8)

(Afghanistan--Mountain roads)

ROMADIN, Petr Vasil'yevich; BALABAYEV, G., rod.

[Origin and development of the fundamental concepts of  
dynamics] Voznikovenie i razvitie osnovnykh poniatii di-  
namiki. Saransk, Mordovskoe knizhnoe izd-vo, 1963. 102 p.  
(MIRA 17:7)

BALABAYEV, G., red.

[Builders at the forefront] Stroiteli na perednem rubeshe.  
Saransk, Mordovskoe knizhnoe izd-vo, 1963. 62 p.  
(MIRA 18:3)

BALABAYEV, G.M., inzh.; ROMANOVSKIY, S.G., kand.tekhn.nauk

Characteristics of the kinetics of drying moist wood materials in  
electromagnetic chambers. Sudostroenie 30 no.2:44-46 F '64.  
(MIRA 17:4)

BALABAYEV, G.M., izh., BASOV, Yu.P.

Eliminating the elements of heavy work is a necessary condition to  
improve work sanitation in shipbuilding. Sudostroenie 28 no.5:65  
My '62. (MIRA 15:7)

(Shipbuilding--Hygienic aspects)

BALABAYEV, G.M., insh.; DZHEVAGA, I.I., kand. tekhn. nauk; ZHURAVLEV,  
Yu.A., insh.; ZAPORZHETS, Ye.A., insh.

Automatic welding under flux of shaft liners. Sudostroenie  
30 no.10:45-47 O '64. (MIRA 17:12)

BALABAYEV, G.M., inzh.; DZHEVAGA, I.I., kand. tekhn. nauk; SHIBALOV, Yu.A.,  
inzh.; ZAPROZHETS, Ye.A., inzh.

Negative effect of the sold ring of liners on the corrosion and  
fatigue strength of tail shafts. Sudostroenie 30 no.7:51-55  
JI '64. (MERL 18:9)



PROBATION, I. B.

"Oscillating regimes of heat treatment by means of an electromagnetic heat supply with currents of industrial frequency."

report submitted for 2nd All-Union Conf on Heat & Mass Transfer, Minsk, 4-12 May 1964.

Nosenko Factory, Nikolayev

BALABAYEV, Y.A., inzh.; GASSOKH, A.O., inzh.; SHUBAYEV, N.N., inzh.

Parallel operation of SOT generators. Mekh. i elek.sots.sel'-  
khoz. no.4:42-44 '57. (MIRA 12:4)  
(Electric generators)

IVANOV, N.S., *otv.red.*; BALABAYEV, V.T., *otv.red.*; BARKVITSER, A.L.,  
*red.isd-vs*; STRELETSKIY, I.A., *tekh.red.*

[Heat and mass exchange in frozen soils and rocks] Тепло- и  
массообмен в мерзлых почвах и горных породах. Москва,  
1961. 142 p. (MIRA 14:3)

1. Akademiya nauk SSSR. Institut merzlotovedeniya. Severo-  
Vostochnoye otdeleniye.  
(Frozen ground)

BALABAYEVA, M.D.; SHARKOVA, Ye.F.; ZHBANKOV, R.G.; VIRNIK, A.D.; ROGOVIN, Z.A.

Infrared spectroscopy method of studying the structure of  
some graft copolymers of cellulose. Vysokom.soed. 7  
no.10:1763-1766 0 '65. (MIRA 18:11)

1. Moskovskiy tekstil'nyy institut.

BALABAYEVA, M.D.; VLADIMIROVA, T.V.; GALIMBAYEVA, I.S.; FERRELL, R.G.;  
ROGOVIR, Z.A.

Infrared spectroscopic study of the ion exchange of graft copolymers of cellulose and polyacrylhydroxamic acid with  $Fe^{+3}$  and  $Cu^{+2}$  ions. Vysokom. soed. 7 no.2:205-210. F '65. (MIRA 18:3)

1. Moskovskiy tekstil'nyy institut.

*BALABAYEVA, P. M.*

OLEYNIK, S.F., doktor med.nauk; ~~BALABAYEVA, P.M.~~

Clinical features of necronephrosis. Vrach.delo no.2:143-145 Y '58.  
(MIRA 11:3)

1. Kafedra terapii (sav.-doktor med. nauk S.F.Oleynik) Zaporozhskogo  
instituta usovershenstvovaniya vrachey.  
(KIDNEYS--DISEASES)

ZHBANKOV, R.O. [Zhbankou, R.O.]; MARUPOV, R. [Marupan, R.]; BALSHANKINA, M.D. [Balshankina, M.D.];  
TYUGANOVA, M.A. [Tsiuhanava, M.A.]; LISHEVSKAYA, M.O. [Lishchinskaya, M.A.]

Studying the structure of new technically valuable cellulose derivatives  
by methods of infrared spectroscopy. Vestsi AN BSSR. Ser. Fiz.-tekh. nav.  
no.2:38-41 '63. (MIRA 17:1)

BALABAYEVA, P. N. Cand Med Sci -- (diss) "On the non-contracting movements of the heart in the chest cavity.," Lvov, 1960, 19 pp, 200 cop. (Lvov State Medical Institute) (KL, 42-60, 116)



OLEYNIK, S.F., prof.; BALABAYEVA, P.H.

Nature and mechanism of the cardiac impulse. Nauch.trudy L'vov.  
obl.terap.ob-va no.1162-65 '61. (MIRA 16:5)

1. Kafedra fakul'tetskoy terapii lechebnogo fakul'teta L'vov-  
skogo meditsinskogo instituta (sav. kafedroy - prof. S.F. Oleynik).  
(HEART BEAT)

OLEYNIK, S.F., prof.; BALABAYEVA, P.K., kand.med.nauk

Isovoluminal phases of the heart. Vrach.delo no.4:11-16 Ap'63.  
(MIRA 16:7)

1. Kafedra fakul'tetskoy terapii lechebnogo fakul'teta L'vov-  
skogo meditsinskogo instituta.  
(HEART) (BLOOD-CIRCULATION)

BALABEKYAN, O.I.

Essay on the history of conservation and transformation of energy  
Uch.sap.Chkal. gos.ped.inst. no.9:106-276 '56. (MIRA 10:3)  
(Force and energy)

BALABEKYAN, O.I. (Orenburg)

Review of the book "Fundamentals of the theory of the electric field,"  
by K.N. Elizarov. Reviewed by O.I. Balabekian. Fiz. v shkole 20  
no.6:99-100 N-D '60. (MIRA 14:2)

(Electric fields)  
(Elizarov, K.N.)

BABANSKIY, Yu.K.; HALABEKYAN, O.I. (Orenburg); FENNER, D.I.; AVRUKINA, T.E.  
(Leningrad); SVITKOV, L. (Moskva)

Discussion of the draft program of physics for the eight-year  
school and the secondary school of general education with  
industrial training. Fiz.v shkole 20 no.1:62-65 Ja-F '60.  
(MIRA 14:10)

1. Gosudarstvennyy pedagogicheskiy institut, Rostov-na-Donu  
(for Babanskiy). 2. Pedagogicheskiy institut, Sverdlovsk (for  
Fenner).

(Physics—Study and teaching)

Balabekyan, Ts. P.

USSR/Medicine - Veterinary, Tick Paralysis

Card 1/1

Author : Balabekyan, Ts. P., Veterinary Physician

Title : Tick paralysis of foals

Periodical : Veterinariya, 31, 44, May 1954

Abstract : In April 1953 an epidemic of tick paralysis was noted among foals, 1-1 1/2 months old, in 4 kolkhozes of Nukhinskiy Rayon, Azerbaydzhan SSR. Most of the ticks found on dead foals and healthy horses were *Ixodes ricinus*. *Dermacentor silvarum* ticks were also found on a few healthy foals and horses. Sick foals and horses that were sprayed with hexachlorane dust recovered from tick paralysis within 3-4 days.

Institution : Nukhinskiy Rayon Veterinary Bacteriological Laboratory, Azerbaydzhan SSR

Submitted :

BALABEKYAN, Ts. P. Mr. Nakhinek Veterinary Bacteriology Lab. Azerbaydzhon, USSR

"Setting Up the Agglutination Reaction for the Diagnosis of Brucellosis  
at Room Temperature," Veterinariya, No. 6, 1950.

BALABEKYAN TS. P.

BALABEKYAN, TS. P. "Therapy in neoascariidosis of calves and buffaloes and some data on the epidemiology and prophylaxis of this disease." Min Agriculture USSR. All-Union Inst of Helminthology imeni Academician K. I. Skryabin. Moscow, 1956. (Dissertation for the Degree of Candidate in Veterinary Science).

So: Knizhnaya letopis', No. 15, 1956. Moscow.



BALABEKYAN, Ts. P., Cand Vet Sci -- (diss) "Study of neo-ascaridosis of large horned cattle in Azerbaydhan. Therapy, epizootology and test of health improvement." Yerevan, 1959. 27 pp; (Ministry of Agriculture Armenian SSR, Yerevan Zooveterinary Inst, Helminthological Laboratory of the Academy of Sciences USSR); 120 copies; price not given; (KL, 25-60, 137)

BALABEKYAN, S. P.

"Neoscaridosis of cattle."

Veterinariya, Vol, 37, No. 2, 1960, p. 27

(BALABEKYAN, Ts. P.) - Zaveduyushchiy Nukhinskoy mezhrayonnoy vetbaklaboratoriy

BALABES, G.M.; SENEYDER, A.F., red.; ZININA, V., tekhn.red.

[Growing cranberries in the U.S.A.; a survey of foreign literature] Kul'tura klyukvy v SShA; obsor inostrannoi literatury. Moskva, Izd-vo TSentrosolusa, 1958. 13 p.

(MIRA 12:5)

1. Sotrudnik Botanicheskogo instituta im. V.L.Komarova Akademii nauk SSSR (g.Leningrad) (for Balabes).  
(Cranberries)

BALABIN, I.V.

Distribution of loads in automobile wheel disks. Avt. prom.  
29 no.7:13-15 J1 '63. (MIRA 16:8)

1. Tsentral'noye konstruktorskoye byuro po obodam.  
(Automobiles--Wheels)

BALABIN, I.V.; ZUBAREV, N.A.

Investigating force interaction between a wide-base tire and  
a wheel rim. Avt. prom. 30 no.6:16-19 Je '64. (MIRA 17:12)

1. Tsentral'noye konstruktorskoye byuro po obodam.

BALABIN, Igor' Venediktovich; PUTIN, Valentin Aleksandrovich;  
SVET, Ye.B., red.

[Motor vehicle and tractor wheels] Avtomobil'nye i traktor-  
nye koleasa. Cheliabinsk, Cheliabinskoe knizhnoe izd-vo,  
1963. 334 p. (MIRA 17:6)

ACC NR. AP5023261

SOURCE CODE: UR/0113/64/000/006/0016/0019

AUTHOR: Balabin, I. V.; Zubarev, N. A.

43  
23

ORG: Central Rim Design Bureau (Tsentral'noye konstruktorskoye byuro po obodam)

TITLE: The study of stress interaction between a wide tire and a wheel rim

SOURCE: Avtomobil'naya promyshlennost', no. 6, 1964, 16-19

TOPIC TAGS: vehicle tire, friction, wear material, WEAR RESISTANCE

15144

ABSTRACT: Research on the design of wide tires which could replace the double tires on trucks and buses includes the endurance tests of 1100 x 500 - 508 and 940 x 350 - 508 wide tires mounted on 450 - 508 and 300B - 508 rims performed by TsKB for Rims (TsKB po obodam). The edges were 7.0-20 and 6.0B-20, respectively. The first tire was used on ZIL-164 automobiles with a 4000-kg per wheel load; the second on the Ural-355M vehicle with a 2000-kg wheel load. The article contains detailed data concerning the conditions and results of the tests. All tires cracked ultimately along the side walls. A comprehensive analysis of the results shows that the pressure at the fitting edge caused by tightening up does not remain constant but decreases to zero at a pressure of 4 kg/cm<sup>2</sup>. The interaction of the side of the wide tire and the edge side of the rim differs from that observed in ordinary tires by a smaller pressing zone, i. e., the interaction zone is concentrated mostly at the vertical surface of the rim. This and other peculiarities of tire-rim interaction must be taken into account in the

UDC: 629.11.012.5

Cord 1/2

2

ACC NR. AP5023261

design of wide tires. The necessary tight fitting may be achieved, e. g. , by increasing the inclination angle of the rim's edge up to 15°. This allows the reduction in edge width which, in turn, removes the cause for the destruction of the sides of the tires. Further tests are needed for the determination of the optimum values of the various tire and rim parameters. Orig. art. has: 1 formula, 4 figures, and 1 table.

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 001

OC  
Card 2/2



L 00864-66

ACCESSION NR: AP5015865

UR/0119/65,000/006/0005/0007

681.122:621.3.088

AUTHOR: Balabin, I. Ye. (Engineer); Frangulyan, L. A. (Engineer)

31  
B

TITLE: Measuring gas rate-of-flow with automatic pressure-variation correction

SOURCE: Priborostroyeniye, no. 6, 1965, 5-7

TOPIC TAGS: rate of flow measurement, gas measurement

ABSTRACT: It is assumed that the gas rate-of-flow is measured by linear-characteristic rotameters with or without quadratic-characteristic differential manometers. In practice, the correction of the rate-of-flow measurement can be realized by Soviet standard measuring modules ("AUS"), such as PD-36A, RS-33A, BS-34A, etc. Two cases are examined: (1) When the gas rate-of-flow is measured by a linear-characteristic instrument and (2) When the gas rate-of-flow is measured by a quadratic-characteristic primary detector. Orig. art. has: 3 figures and 9 formulas.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: ME, IE

NO REF SOV: 005

OTHER: 000

Card 1/1

90

BALABIN, N.; ROMANOV, N.

Men with a searching mind. Metallurg 8 no.8:34-36 Ag '63.  
(MIRA 16:10)

1. Vyksunskiy metallurgicheskiy zavod.

14(1)  
AUTHORS:

Yeroyan, R. S., Engineer, Balabin, V. S., Engineer

SOV/67-59-3-7/27

TITLE:

Reduction of the Entering of Oil Into the Separating Apparatus  
KG-300-2D (Snizheniye zanosy masla v razdelitel'nyy apparat  
KG-300-2D)

PERIODICAL:

Kislored, 1959, Nr 3, pp 33 - 36 (USSR)

ABSTRACT:

For the processing of high-pressure-air in the separating apparatus mentioned in the title the air must contain a minimum of oils from the compressor lubrication, the engine driven by compressed gas, and others. In order to avoid this, the following measures were taken in the "Elektrostal'" works in the course of three years: the lubrication for the high-pressure compressor of the type 3P-7/220 was reduced as far as possible in order to guarantee normal work. Table 1 shows the old and the new standards. The water temperature in the cooler of the IV stage was lowered from 25 to 9° for a better separation of the steam and the oil. Besides, the absorbing material of the oil and humidity separator of the IV stage was renewed once a month. In the meantime control analyses of the compressed air flowing out from the compressor were made in order to be able to detect pollutions in time.

Card 1/2

Reduction of the Entering of Oil Into the Separating SOV/67-59-3-7/27  
Apparatus KG-300-2D

In the passage of a high-pressure-air through an engine driven by compressed gas (EDCG) the following measures were taken: above all, as is the case also with the compressor, lubrication was reduced as far as possible (Table 2). The thin flannel filter of the EDCG was replaced by a denser one. This filter and the filtering vessels were washed every 60 days with  $\text{CCl}_4$ . Further, according to data by the VNIKIMASH two felt semi<sup>4</sup> collaps were applied to the EDCG rod as well as an additional filter. The measures guaranteed that no lubricator oil penetrated into the air. Some measures were also taken for the air which enters the mentioned separating block over the regenerator and the compressor 2P-20/8 i.e. reduction of the lubrication (old and new standards in table 3) as well as reduction of the temperature of the cooling water after the II stage. The lubrication was examined every 10th day. The asbestos filters were equally improved and repeatedly washed. The further precautionary measures taken were the following: complete washing of the entire apparatus once a year, examination of the oil content in the air in the vaporizer and the condenser. There are 3 tables.

Card 2/2

25(1)

AUTHORS:

Yeroyan, R. S., Engineer, Balabin, V. S., Engineer

SOV/67-59-4-9/19

TITLE:

Drying of Oxygen in the Oxygen Department of the Factory  
"Elektrostal"

PERIODICAL:

Kislород, 1959, Nr 4, pp 39-41 (USSR)

ABSTRACT:

The oxygen needed for the steel melting department of the factory "Elektrostal" must be dried. Raw humid oxygen is first compressed and then cooled in a coil condenser. A first drying of the gas then takes place in two filters containing active alumina. The remaining humidity in the oxygen is removed in the drying chamber. In the latter, the adsorbent is likewise active alumina. The gas is pushed through the chamber with 130 atm excess pressure. To obtain optimum drying, temperature should not exceed + 30°C. The humidity content of oxygen dried in this way amounts to 0.03 - 0.01 g/m<sup>3</sup>. The described drying system KO-300-ZD with the test block DK-300 is shown by a figure and discussed in all details. The adsorbent is regenerated with heated nitrogen (240 - 265°C) which is pressed through the system until all of the water is expelled from the alumina.

Card 1/2

SOV/67-59-4-9/19

Drying of Oxygen in the Oxygen Department of the Factory "Elektrostal"

Two drying chambers of this type are operated at the above factory; they work and are regenerated alternately. There is 1 figure.

Card 2/2

YEROYAN, R.S., inzh.; BALABIN, V.S., inzh.

Decreasing the amount of oil carried over into the IO-300-2D  
air separation apparatus. Kislored 12 no.3:33-36 '59.

(MIRA 12:10)

(Gases--Separation)

YEROYAN, R.S., insh.; HALABIN, Y.S., insh.

Removal of lubricant from the KG-300-2D air-separation unit.  
Kislod 12 no.5:33-37 '59. (MIRA 13:2)  
(Cases--Separation)



SALADIN, V. I. .... Eng. Tech. Sci.

Dissertation: "Investigation of the  
Gate System for Casting Gray Cast Iron  
Products into Metal Molds

19/6/50

Moscow Order of the Labor Red Banner  
Higher Technical School ineni N. E. Bauman.

**80 Vecheryaya Moskva**  
**Sum 71**

6 (4)

SOV/107-59-3-39/52

AUTHOR: Balabina, A., (Gor'kiy)

TITLE: An Ohmmeter with an Evenly Divided Dial (Ommetr s ravnomernoy shkaloy)

PERIODICAL: Radio, 1959, Nr 3, p 50 (USSR)

ABSTRACT: Conventional ohmmeters have dials with an irregular division. At the beginning the dials are extended while the graduation is compressed towards the end. Therefore, it is difficult for radio amateurs to build such an instrument. An ohmmeter with an evenly divided dial was suggested in Radio, 1956, Nr 2, but this meter had the disadvantage that in each measuring range a separate variable resistor was required for the zero setting. The ohmmeter suggested by the author is free of this disadvantage and only one switch is used for the zero setting. Figure 1 shows the circuit diagram and Figure 2 the general view of the instrument. It contains one tube 6K4P which performs

Card 1/2

SOV/107-59-3-39/52

An Ohmmeter with an Evenly Divided Dial

the role of a variable resistor, because the interior resistance of a tube changes in wide ranges with a variation of the voltage at the screen and control grids. The meter may be used for measuring resistances from 0.2 ohm to 1 megohm whereby six ranges are available: up to 10 ohm, 100 ohm, 1 kilo-ohm, 10 kilo-ohm, 100 kilo-ohm and up to 1 megohm. The meter was tested with a KMS-6 resistor and the results showed that the measuring error in all ranges does exceed the accuracy class of the galvanometer which is equal to 1.0. There is 1 circuit diagram and 1 illustration.

Card 2/2

USSR/ Physics - A mass spectrometer

Card 1/1 Pub. 22 - 17/53

Authors : Dubrovik, A. V., and Balatina, G. V.

Title : Application of the mass spectrometer with a non-homogeneous magnetic field to the determination of atomic masses

Periodical : Dok. Ak. SSSR 102/4, 717-721, Jun 1, 1955

Abstract : Experiments with a mass-spectrometer having a non-homogeneous magnetic field are described. The experiments were intended to prove that the use of mass spectrometers with non-homogeneous magnetic fields can be used for the precise determination of atomic masses. Three USSR references (1952-1955). Diagrams.

Institution : The Acad. of Sc., USSR, S. I. Vavilov Institute of Physical Problems

Presented by : Academician A. P. Aleksandrov, February 18, 1955

S/135/60/000/009/005/015  
A006/A002

AUTHOR: Balabina, G. V., Engineer

TITLE: The Use of Radioactive 170-Thulium <sup>19</sup> for Quality Control <sup>H</sup> of Weld Joints 26

PERIODICAL: Svarochnoye proizvodstvo, 1960, No. 9, pp. 16-17

TEXT: The author investigated the possibility of using 170-thulium as a universal (multi-purpose) radiator with variable radiation energy for the examination of weld joints in aluminum, titanium and magnesium. 170-thulium belongs to isotopes which irradiate beta and gamma-rays during decay. The half life period of 170 thulium is 129 days. The energy of gamma rays is 84 kilo-electron-volt; the energy of beta rays is 968 kev (76%) and 884 kev (24%). Since the gamma yield of 170-thulium is only 3% it is not suitable as a gamma-radiator. In the basic line of gamma rays with 84 kev energy in 170-thulium there is a self-bremsstrahlung, arising on account of beta-ray absorption by the source, equal to about 200 kev. The author investigated the possibility of using 170-thulium beta radiation to obtain X-ray bremsstrahlung with different energy. For this purpose an experimental device was developed (Fig. 1), permitting radioscopy with gamma rays and bremsstrahlung from various targets.

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8/135/60/000/009/005/015  
A006/A002

The Use of Radioactive 170-Thulium for Quality Control of Weld Joints

On the basis of the bremsstrahlung-theory the maximum energy of bremsstrahlung was calculated. It was 25 kev for an aluminum target, 58 kev for a lead target; 64 kev for a copper, and 97 kev for a cadmium target. On the basis of calculations and experimental verification the sensitivity of these targets to the revealing of defects in magnesium, aluminum and titanium was determined. Sensitivity curves are shown in Graphs 2, 3, and 4. Moreover radioscopy of full-scale specimens of weld joints on aluminum, titanium and magnesium alloys was carried out. It appears from the curves that the sensitivity of gammagraphs to the detection of minor defects of welding in the aforementioned metals approaches that of roentgenographs. The experiments showed new possibilities of using the 170-thulium isotope as a radiation source of variable energy (from 24-84 kev) for the examination of thin weld joints (0.5 - 10 mm) on light alloys (aluminum and magnesium) and on steel alloys, up to 2 mm thickness. There are 4 sets of figures and 3 Soviet references.

ASSOCIATION: MVTU imeni Bauman

Card 2/2

RAIABINA, T., inzhener.

Automatisation of coal dumpers. Mast.ugl.5 no.4:23 Ap '56.  
(Automatic control) (Dumping appliances) (MIRA 9:7)

BAIABINA, T. Inzhener.

Efficiency suggestions submitted at the Kopeisk mines. Mast.ugl.  
5 no.10:19-20 0 '56. (MLRA 9:12)  
(Chelyabinsk Basin--Coal mining machinery)



BAL/BKIN, A.K.; SOLODKAYA, A.D.

Susceptibility of dark-clawed jirds (*Meriones ungriculatus*) to  
plague in experimental inoculation. Tes.i dokl.konf.Irk.gos.nauch.-  
issl.protivochnu.inst.no.1:3-4 '55. (MIRA 11:3)  
(GERBILS) (PLAGUE)

RAIABKIN, A.K.; SOLODKAYA, A.D.

Susceptibility of sharp-clawed gerbils (*Meriones unguiculatus*  
M.Biv.) to experimental plague infection. *Izv.Irk.gos.nauch.-*  
*issl.protivochn.inst.* 14:19-25 '57. (MIRA 13:7)  
(GERBILS) (PLAGUE)

BALABKIN, A.K.; SHAMOVA, A.M.; LAZAREVA, L.A.

Study of a tularemia focus in the alpine zone of  
Alta'. Dokl. Irk. gos. nauch.-issl. protivochum. inst. 13.51  
9-12 '63 (MIRA 18:1)

PHASE I BOOK EXPLOITATION

80V/4771

Balabkin, Petr Ivanovich

Proizvodstvo makanykh resinovykh izdeliy (Production of Dipped Rubber Goods)  
Moscow, Goskhimizdat, 1960. 230 p. Errata slip inserted. 6,000 copies  
printed.

Ed.: S. I. Babushkina; Tech. Ed.: V. V. Kogan.

PURPOSE: This book is intended for personnel of rubber-industry establish-  
ments taking courses in production technology, and may be used as a text-  
book by students at tekhnikums.

APPROVED FOR RELEASE: 06/06/2000. CIA-RDP86-00513R000103130008-5"  
COVERAGE: The author gives detailed data on raw materials used in the produc-  
tion of dipped rubber goods, discusses methods of preparing rubber cement  
and latex mixes, and describes equipment and technological processes. Par-  
ticular attention is given to problems of safety engineering and industrial

80600

15.9130

S/138/60/000/01/08/010

AUTHORS: Balabkin, P.I., Blokh, G.A., Borisova, T.S., Burmistrov, S.I.,  
Przhebylskiy, M.I., Fedorina, Zh.A., Chugay, A.D.

TITLE: Organic Accelerators for Continuous Vulcanization of Dipped Rubber Goods

PERIODICAL: Kauchuk i Rezina, 1960, No. 1, pp. 48 - 51

TEXT: Development work performed in the plant in 1954 has shown that it is possible to carry out vulcanization of dipped articles in the medium of hot air without pressure by individual dipping in sulfur-containing glue and subsequent processing of the film in a benzole solution of accelerator K-48. The toxicity of benzole and of the accelerator solutions rendered this technology prohibitive for industrial application. In this connection, the necessity arose of searching for ultra-accelerators highly soluble in less toxic solvents, e.g. in gasoline. For the synthesis of highly active accelerators dithio-carbamates were employed in conjunction with amino-containing compounds. The article lists a number of synthesized compounds, which were tested in standard rubber mixtures based on natural rubber and industrial glues used in the manufacture of dipped goods. The

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80500

S/138/60/000/01/08/010

Organic Accelerators for Continuous Vulcanization of Dipped Rubber Goods

rubber mixture had the following composition (weight parts): natural rubber 100, sulfur 3, Saptax 0.7, zinc oxide 5, stearic acid 0.5. Industrial glues of the No. 252 and No. 252-1 types were used. The results of the physico-mechanical tests of the samples of rubber, obtained on the base of a standard rubber compound with the addition of amino or dialkyl-dithio-carbamic acids are shown in Table 1. As can be seen the synthesized salts of the dialkyl-dithio-carbamic acids are effective accelerators for vulcanization of dipped articles in an air medium. Optimum vulcanization is achieved in much less time as compared with control compounds with Captax accelerator. Experiments have revealed the possibility of vulcanizing dipped articles in an atmosphere of hot air of 100-115°C without pressure with the aid of the following compounds: dibutyl-dithio-carbamate of dibutylamine, dibutyl-dithio-carbamate of triethylamine, dibutyl-dithio-carbamate of tributylamine, diiso-amyl-dithio-carbamate of tri-ethylamine, diiso-amyl-dithio-carbamate of di- and tri-isoamyl-amine, di-ethyl-dithio-carbamate of di- and tri-ethylamine, hexa-methylene-dithio carbamate of hexa-methylene-amine. The solubility of these com- ✓

Card 2/3

80600

S/138/60/000/01/08/010

Organic Accelerators for Continuous Vulcanization of Dipped Rubber Goods

pounds in gasoline permits individual dipping of articles in sulfurous and in accelerator glues to be carried out, as well as the continuous vulcanization of dipped articles. There are 3 tables and 1 reference. ✓

ASSOCIATIONS: Kiyevskiy zavod "Krasnyy rezinshchik" (Kiyev Plant, "Red Rubber Workers") Dnepropetrovskiy khimiko-tekhnologicheskii institut (Dnepropetrovsk Chemical Technological Institute)

Card 3/3

BALABO, A.N.; MESHBAYN, M.B.

Control of helminthiasis in coal mines. Med.paras. i paraz.bol.  
supplement to no.1:63-64 '57. (MIRA 11:1)

1. Iz Angrenskoy gorodskoy protivomalyariynoy stantsii.  
(UZBEKISTAN--HOOKWORM DISEASE)  
(COAL MINERS--DISEASES AND HYGIENE)



BALABOLIN, M. A., Cand. Agri. Sci. "Crops Preceding Spring Wheat  
in Field Rotations of Irkutsk Oblast," Irkutsk, 1961, 23 pp.  
(Irkutsk Agri. Inst.) 150 copies (KL Supp 12-61, 278).

BALABOLIN, M.A., kand.sel'skokhos.nauk

Every hectare of land should be used to produce large crops.  
Zemledelie 24 no.11:18-23 N '62. (MIRA 16:1)

1. Irkutskiy sel'skokhozyaystvennyy institut.  
(Irkutsk Province—Wheat)

*BALABOLKIN, H. N.*

KHETAGUROV, G.D.; SHESTAKOV, V.A.; BALABOLKIN, A.N.

Basic indexes of the effectiveness of high yield mining systems in certain complex metal ore mines. Trudy Alt. GMI AN Kazakh. SSR no.3:110-121 '56.

(MLRA 10:2)

(Altai Mountains--Mines and mineral resources)

**PALABOLKIN, A.N.**

New technology and means of reducing the danger of silicosis  
in mining Zyryanovsk deposit hard ores. Trudy Alt. GIMII AN Kazakh.  
SSR no.7:154-167 '58. (MIRA 12:7)  
(East Kazakhstan Province--Ore deposits)  
(Mining engineering--Safety measures)  
(Boring machinery)