LIBINSON, G.S.; SAVITSKAYA, Ye.M.

Kinetics of ion exchange processes. Part 5. Zhur. fiz. khim. 37 no.12:2706-2712 D '63. (MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.

LIBINSON, G.S.; SAVITSKAYA, Ye.M.

Relation between the mechanical properties of sulfocation exchanger grains and the establishment of pseudoequilibrium states during the sorption of organic ions on these grains. Dokl. AN SSSR 148 no.6:1343-1345 F '63. (MIRA 16:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov. Predstavleno akademikom V.A.Karginym.
(Ion exchange resins) (Methylene blue) (Sorption)

LIBINSON, G.S.

Diffusion of organic cations in sulfocation exchangers. Dokl. AN SSSR 151 no.1:127-129 Jl '63. (MIRA 16:9)

1. Predstavleno akademikom V.A.Karginym.
(Ion exchangers) (Diffusion) (Ammonium compounds)

LIBINSON, G.S.; VAGINA, I.M.; NAGORNAYA, T.N.

Some physicochemical properties of florimycin. Antibiotiki 9 no.7:587-592 Jl '64. (MIRA 18:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov, Moskva.

LIBINSON, G.S.

Stability of florimycin (viomycin) in aqueous solutions.
Antibiotiki 10 no.11:997-999 N '65.
(MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov, Moskva. Submitted April 3, 1965.

LIBINSON, G.S.; SLUGINA, M.D.

Equilibrium sorption of canamycin A by cation exchangers.
Zhur.fiz.khim. 39 no.11:2813-2815 N '65.
(MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.

LIBINSON, G.S.

Equilibrium in the ion-exchange system carboxyl cation exchanger - strong and weak bases - hydrogen ion. Zhur. fiz. khim. 39 no.6:1509-1511 Je '65. (MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov, Moskva. Submitted April 2, 1964.

LIBINSON, G.S.

Sorption of ammonium and hydroxylamine ions on carboxyl cation exchangers. Zhur.fiz.khim. 39 no.10:2459-2463 O '65. (MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov. Submitted July 8, 1964.

PESCHANSKIY, V.S.; LIBINSON, G.S. (Astrakhan')

Container for the electrolytic decalcination of bones. Arkh. pat. 26 no.3:35-36 '64. (MIRA 18:12)

1. Prozektura (zav. - prof. M.S.Brumshteyn) 1-y oblastnoy klinicheskoy bol'nitsy (glavnyy vrach - zasluzhennyy vrach RSFSR A.K.Belyayeva).

LIBINSON, S.D.

20th anniversary of miniature railway for children in Dnepropetrovsk. Politekh. obuch. no.1:94 Ja '57. (MLRA 10:4)

1. Rukovoditel' zheleznodorozhnogo krushka sredney shkoly no.10, Dnepropetrovsk.
(Dnepropetrovsk--Railroads--Models)

LIBINZON, A.YE.

KASHAYEVA, A.A.; OL'SHTEYN, S.Ye; LIBINZON, A.Ye.

Regeneration of filtrable forms of various bacteria. Zhur.mikrobiol. epid.i immun. no.8:79-84 Ag '54. (MLRA 7:9)

1. Iz kafedry mikrobiologii (zav.prof. A.A.Kashayeva) Rostovskogo gosudarstvennogo meditsinskogo instituta.

(BACTERIA,
filtrable forms, regen. of)

17(2) SOV/16-59-9-10/47

AUTHORS: Kashayeva, A.A., Kiritseva, A.D., Libinzon, A.Ye., and Avrorova, R.I.

TITLE: Experimental Active Anti-Pertussis Immunity

PERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1959, Nr 9 pp 46-51 (USSR)

ABSTRACT: In 1956 M.S. Zakharova produced a vaccine of phase I Haemophilus pertussis strains killed with formalin or merthiolate and intended for the induction of an active immunity against whooping cough. The epidemiological efficacy of this vaccine has been studied by Gordina, Lazurenko, Filosofova, Shekhter, Milovanova and Gres'-Edel'man. Doubts have now arisen as to the long-term efficacy of anti-pertussis vaccines and subject authors therefore undertook a further study of the features of such immunity and the methods of inducing it. Tests were performed by injecting laboratory animals subcutaneously with typical phase I H. pertussis strains obtained from the Gosudarstvennyy kontrol'nyy institut imeni Tarasevicha (State Control Institute imeni Tarasevich) and the Moskovskiy institut vaktsin i syvorotok imeni Mechnikova (Institute of Vaccines and Sera imeni Mechnikov, Moscow). Difficulty was experienced in inducing immunity of the respiratory tracts; this

Card 1/2

was achieved only by double infection of mice with the same immunogenic strain. On the other hand, immunity was much easier to induce by intracerebral infection. Double subcutaneous immunization with formalin pertussis vaccine failed to induce immunity of the respiratory tracts. From these results the authors conclude that the mechanism of the development of immunity to pertussis by cerebral infection must differ somewhat from that by intranasal infection. In view of this, present-day methods of checking the efficacy of anti-pertussis vaccines (i.e. by testing the response of animals vaccinated with them to pertussal encephalitis) are demonstrably inadequate as a means of quality control.
There are 4 tables and 11 references, 2 of which are Soviet and 9 English.

ASSOCIATION: Rostovskiy-na-Donu meditsinskiy institut (Medical Institute), Rostov-na-Donu.

SUBMITTED: October 20, 1958

KASHAYEVA, A.A.; LIBINZON, A.Ye.; KIRITSEVA, A.D.; DZHANPOLADOVA, V.P.; VASINA, Ye.A.

Significance of the peculiarities of Hemophilus pertussis strains in the appearance of nonspecific sensitization. Zhur.mikrobiol. epid. i immun. 32 no.4:38-42 Ap '61. (MIRA 14:6)

1. Iz Rostovskogo gosudarstvennogo meditsinskogo instituta.
(WHOOPING COUGH)

LIBINZON, A.Ye.; KOZ'MINSKAYA, Ye.I.; BORISOVA, L.P.; ANCHEVSKAYA, I.Kh.

Comparative sensitivity of freshly isolated dysenterial cultures to antibiotics and bacteriophage. Antibiotiki 9 no.9:861-862 S '64. (MIRA 19:1)

1. Rostovskiy-na-Donu nauchno-issledovatel'skiy protivochumnyy institut i 1-ya Rostovskaya-na-Donu gorodskaya bol'nitsa.

LIBINZON, A.Ye.; SAYAMOV, R.M.; NIKOLAYEVA, V.I.

Experimental dysentery infection in guinea pigs. Zhur. mikrobiol., epid. i immun. 42 no.7:76-82 Jl '65. (MIRA 18:11)

1. Rostovskiy-na-Domu protivochumnyy institut.

LIBINZON, B. L.

Teplootdacha i gidravlicheskie printsipy deflektirovaniia motorov vozdushnogo okhlazhdeniia. Moskva, BNT, 1946.

Title tr.: Heat emission and hydraulic laws of deflection in air-cooled engines.

NCF

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

LIBINZON, B. L.

Gidravlicheskoe soprotivlenie v kanalakh orebreniia na bol'shikh vysotakh. Moskva, Oboronqiz, 1949.

Title tr.: Hydraulic resistance in ribbing channels at high altitudes.

NCF

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

LIBINZON, M.M.

Remote control of automatic machines using alternating current.
Elek.sta. no.8:39-40 Ag '54. (MLRA 7:9)
(Remote control) (Electric machinery--Alternating current)

AID P - 3777

Subject : USSR/Electricity

Card 1/1 Pub. 26 - 19/29

Author : Libinzon, M. M., Eng.

Title : A simplified connection diagram for an automatic connection of a compressor

Periodical : Elek. sta., 10, 53, 0 1955

Abstract : The author describes briefly a scheme for the automatic connection of a compressor installation. One connection diagram.

Institution : None

Submitted : No date

KOROTKOV, G.S., inzh.; LIBINZON, M.M., inzh.

Economy of electric power in municipal networks. Elek. sta. 32 no.7:46-49 Jl '61. (MIRA 14:10)
(Electric power distribution)

LIBINZON, R.B.

Rare foreign body in the nasal cavity. Zhur.ush., nos.i gorl.bol. 22 no.2:77-78 Mr-Ap '62. (MIRA 15:11)

1. Iz zheleznodorozhnoy bol'nitsy st. Yaroslavl' Severnoy zheleznoy dorogi.

(NOSE—FOREIGN BODIES)

LIBINZON, V.B. (Yaroslavl')

Repair of plastic prostheses. Stomatologiia no.2:56 Mr-Ap '54.
(MLRA 7:4)
(Artificial teeth)

LIBINZON, V.B.

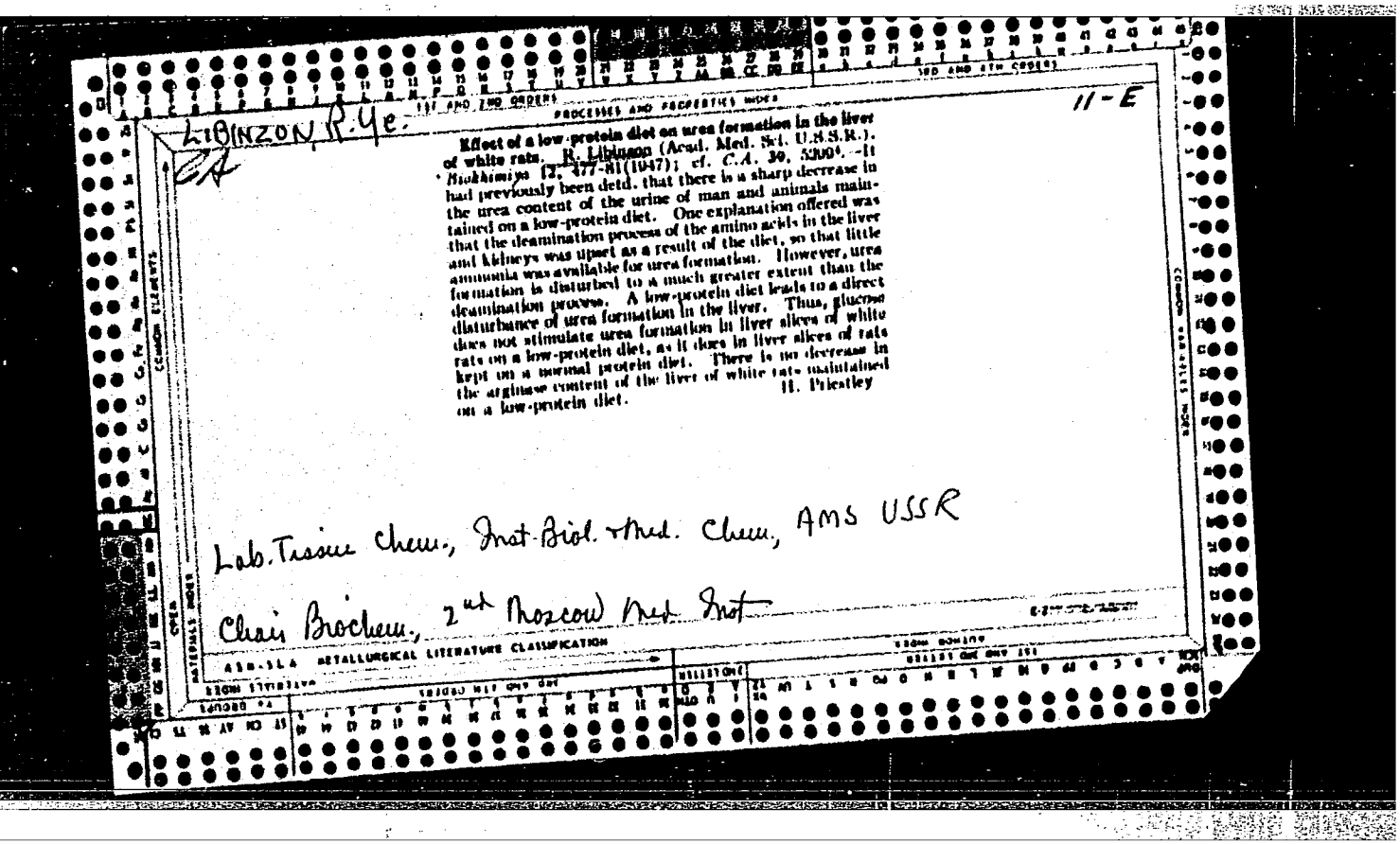
Errors in making permanent prosthesis. Stomatologiia 35 no.5:45-47 S-O '56 (MLRA 10:4)

1. Iz proteznogo otdeleniya Yaroslavskoy oblastnoy stomatologicheskoy poliklinik (glavnyy vrach Ye.I. Malinovskaya)
(DENTAL PROSTHESIS)

LIBINZON, V.B.

Herbst method of obtaining imprints from toothless jaws. Stomatologiia 40 no.4:98 Jl-Ag '61. (MIRA 14:11)

1. Iz proteznogo otdeleniya Yaroslavskoy gorodskoy stomatologicheskoy polikliniki (glavnyy vrach A.A.Barabash).
(PLASTER CASTS, DENTAL)



LIBINZON, R.Ye.

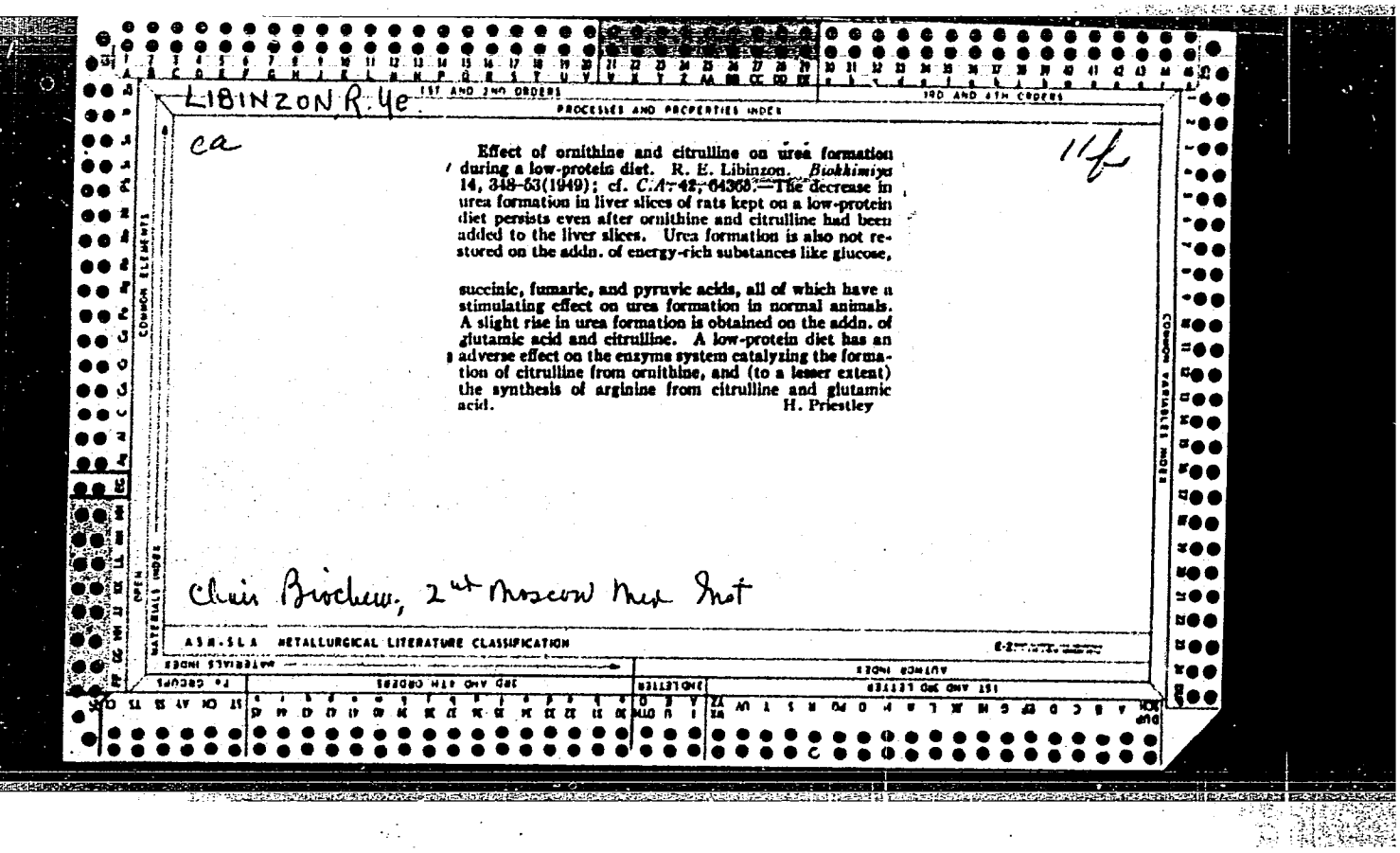
11-E

Effect of a low-protein diet on urea formation in the liver of white rats. R. Libinson (Acad. Med. Sci. U.S.S.R.). *Biokhimiya* 12, 477-81(1947); cf. *C.A.* 39, 5300i.—It had previously been detd. that there is a sharp decrease in the urea content of the urine of man and animals maintained on a low-protein diet. One explanation offered was that the deamination process of the amino acids in the liver and kidneys was upset as a result of the diet, so that little ammonia was available for urea formation. However, urea formation is disturbed to a much greater extent than the deamination process. A low-protein diet leads to a direct disturbance of urea formation in the liver. Thus, glucose does not stimulate urea formation in liver slices of rats kept on a low-protein diet, as it does in liver slices of rats kept on a normal protein diet. There is no decrease in the arginase content of the liver of white rats maintained on a low-protein diet.
H. Priestley

Lab. Tissue Chem., Inst. Biol. Med. Chem., AMS USSR

Chair Biochem., 2nd Moscow Med. Inst.

A58-SL4 METALLURGICAL LITERATURE CLASSIFICATION



LIBINZON R. Ye.

ca

11f

Effect of ornithine and citrulline on urea formation during a low-protein diet. R. E. Libinzon. *Biokhimiya* 14, 348-53(1949); cf. *C.A.* 42, 6436i. The decrease in urea formation in liver slices of rats kept on a low-protein diet persists even after ornithine and citrulline had been added to the liver slices. Urea formation is also not restored on the addn. of energy-rich substances like glucose, succinic, fumaric, and pyruvic acids, all of which have a stimulating effect on urea formation in normal animals. A slight rise in urea formation is obtained on the addn. of glutamic acid and citrulline. A low-protein diet has an adverse effect on the enzyme system catalyzing the formation of citrulline from ornithine, and (to a lesser extent) the synthesis of arginine from citrulline and glutamic acid. H. Priestley

Chair Biochem, 2nd Moscow Med Inst

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

LIBINZON, R.Ye.

Composition and metabolism of phosphorus compounds in the bone marrow of normal rabbits. Vop.med.khim. 2 no.2:150-158 Mr-Ap '56. (MLRA 9:9)

(BONE MARROW, metabolism,
phosphorus (Rus))
(PHOSPHORUS, metabolism
bone marrow (Rus))

RYSINA, T.N., LIBINZON, R.Ye.

Effect of gamma rays on the absorption spectra of pyrimidine and purine bases and nucleic acids [with summary in English]. Biofizika 3 no.4: 487-493 '58 (MIRA 11:8)

(GAMMA RAYS)
(NUCLEIC ACIDS--SPECTRA)
(ABSORPTION SPECTRA)

KONSTANTINOVA, V.V., LIBINZON, R.Ye.

Amount and synthesis of nucleic acids in the liver in subacute plutonium poisoning [with summary in English]. Vop.med.khim. 4 no.5:339-344 S-O '58 (MIRA 11:11)

(PLUTONIUM, toxicity,
eff. on liver nucleic acids in dogs (Rus))
(LIVER, metab.
nucleic acids, in subacute plutonium pois. in dogs (Rus))
(NUCLEIC ACID, metab.
liver, in subacute plutonium pois in dogs (Rus))

LIBINZON, R.Ye.

Biochemical changes followeing massive doses of ionizing irradiation. [with summary in English]. Biofizika 4 no.1:89-100 Ja '59. (MIRA 12:1)

(RADIATIONS, effects,
on metab., massive dose (Rus)
(METABOLISM, TISSUE, eff. of radiations,
massive dose (Rus))

LIBINZON, R.Ye.; TSEVELEVA, I.A.

Sensitivity of bone marrow proteins to proteolytic enzymes in irradiated animals. Biokhimiia 24 no.2:263-266 Mr-Ap '59. (MIRA 12:7)
(PROTEASES,
bone marrow protein sensitivity in gamma-ray irradiated animals (Rus))
(MARROW, eff. of radiations,
gamma rays, on protein sensitivity to proteases (Rus))
(GAMMA RAYS, eff.
on bone marrow protein sensitivity to proteases (Rus))

LIBINZON, R.Ye.

Effect of ionizing radiation on the activity of nucleic acid depolymerases in the bone marrow. Biokhimiia 24 no.4:679-684 Jl-Ag '59. (MIRA 12:11)

(NUCLEASES metab)
(BONE MARROW radiation eff)

KONSTANTINOVA, V.V.; LIBINZON, R.Ye.

Effect of plutonium on the amount and synthesis of nucleic acids in certain tissues of the rabbits. Biokhimiia 24 no.6:974-981 N-D '59. (MIRA 13:5)

(PLUTONIUM)
(NUCLEIC ACIDS metab.)
(LIVER radiation eff.)
(SPLEEN radiation eff.)

RYSINA, T.N.; LIBINZON, R.Ye.

Bound and soluble desoxypolynucleotides in the tissues of irradiated rabbits. Biokhimiia 25 no.5:825-830 S-O '60. (MIRA 14:1)
(DESOXYRIBONUCLEIC ACID)
(GAMMA RAYS--PHYSIOLOGICAL EFFECT)

LIBINZON, R.Ye.; KONSTANTINOVA, V.V.

Effect of long-continued daily irradiation on nucleic acid metabolism in certain tissues of the rabbit. Biokhimiia 25 no.6:1018-1025 N-D '60. (MIRA 14:5)
(NUCLEIC ACIDS) (GAMMA RAYS--PHYSIOLOGICAL EFFECT)

17.1220

28231
S/581/61/000/000/002/020
D299/D304

AUTHOR: Libinzon, R.Ye. and Konstantinova, V.V.

TITLE: The effects of prolonged daily irradiation on the nucleic acid metabolism in certain rabbit tissues

SOURCE: Lebedinskiy, A.V. and Moskalev, Yu.I., eds. Biologicheskoye deystviye radiatsii i voprosy raspredeleniya radioaktivnykh izotopov; sbornik rabot. Moscow, Gosatomizdat, 1961, 18-28

TEXT: In view of the importance of nucleic acids in the living cell, the authors made a study of nucleic acid metabolism in the most radioactivity-sensitive (bone marrow) and relatively resistant (liver) tissues of rabbits subjected to general chronic irradiation. Irradiation was carried out with Co^{60} gamma-rays at 0.7 r/min 6 times a week with a daily dose of 30 r. The rabbits were killed off after doses of 210, 420, 630, 900, 1410, 1920 and 2490 r and the ribonucleic acid content in the tissues determined. The results

Card 1/4

The effects of prolonged...

are presented in the form of arithmetical means and mean errors. No great changes in the content of ribonucleic and deoxyribonucleic acid phosphorus in the liver were noted. In the first few days of irradiation the content was reduced, but rose slightly as irradiation continued, returning to normal at a total dose of 2490 r. The synthesis of ribonucleic and deoxyribonucleic acids in the liver rose slightly at the beginning of irradiation and tapered off as radiation continued. In the bone marrow the ribonucleic acid content showed no great changes after 7 irradiations, but continued irradiation led to a marked drop. At 2490 r the ribonucleic acid content was somewhat increased. The animals survived all irradiation up to and including a total dose of 2490 r. This the authors attribute to the fact that fractionation of the radiation dose greatly reduces its biological effect. Prolonged irradiation accelerated the inclusion of P^{32} into the ribonucleic acid of both the liver and the bone marrow; this was generally accompanies by an increase in the number of dividing cells. Disturbance of the normal

Card 2/4

The effects of prolonged...

coordination between deoxyribonucleic acid synthesis and cell division led to the formation of cells containing a hyperploid quantity of deoxyribonucleic acid. From other data the authors conclude that cell division is more sensitive to radiation than in deoxyribonucleic acid synthesis. Prolonged irradiation therefore caused substantial changes in both liver and bone marrow, although the synthesis of deoxyribonucleic acid and ribonucleic acid was more inhibited in the liver. On the other hand, destructive processes were more marked in the bone marrow. This was probably due to the greater intensity of cell division in the latter. The acceleration of deoxyribonucleic acid synthesis may be due to the primary action of radiation and the products of water hydrolysis, leading to disruption of the hydrogen bonds of two interlinked chains of deoxyribonucleic acid molecules; it may also be due to the accumulation and heightened concentration of nucleic acid decomposition products. The authors regard the formation of the hyperploidal cells as a mechanism of adaptation, i.e., the appearance of cells with greater resistance to ionizing radiation. There are 4 figures, 1 table and

Card 3/4

The effects of prolonged...

25 references: 14 Soviet-bloc and 11 non-Soviet-bloc. The 4 most recent references to English-language publications read as follows: R.H. Mole, Brit. J. Radiol., 32, 497 (1959); H. Quastler and oth. Brit. J. Radiol., 32, 501 (1959); H. Quastler, Radiology, 73, 161 (1959); R.B. Painter, Y.S. Robertson, Rad. Research, II, 206 (1959).

Card 4/4

LIBINZON, R.Ye. (Moskva)

Chemical composition of human bone marrow. Vop. med. khim. 7 no.4:390-396 JL-Ag '61. (MIRA 15:3)
(MARROW)

S/742/62/000/000/012/021
I015/I215

27 1100
27 1220

AUTHORS: Libinzon, M.Ye., Konstantinova, V.V.

TITLE: The effect of plutonium on the metabolism of nucleic acids in the liver and bone marrow of rabbits

SOURCE: Plutoniy-239; rasprodeleniye, biologicheskoye deystviye, uskoreniye vyvedeniya. Ed. by A.V. Lebedinskiy and Yu.I, Moskalev. Moscow, Medgiz, 1962, 74-79

TEXT: This is a continuation of a previous study. Experiments were carried out on 54 rabbits, 6-8 months old. Plutonium nitrate (7 μCu/kg b.w., pH = 2) was injected i.v. and the animals were sacrificed 1,3,7 and 15 days and 1,3,4½ and 6 months after the injection of Pu. The amount of the nucleic acids was determined in the liver and bone marrow according to Davidson's modification of the Schmidt-

Card 1/2

S/742/62/000/000/012/021
I015/I215

The effect of plutonium on the metabolism...

Thannhauser's method. The concentration of phosphorus in RNA and DNA of the liver increased by 50% and 37.5%, resp. after one week, and the amount of DNA decreased by 21% after 6 months. The RNA phosphorus concentration in bone marrow was elevated during the entire period of the experiment. The DNA concentration was increased by 21% and 25% after one week and one month, resp. and decreased slightly 6 months after the injection of Pu. The mean RNA and DNA values, calculated per nucleus, increased to a maximum 4½ months after the injection. A distinct increase in RNA and DNA contents of bone marrow cells was noticed on the 30th day. The specific activity of RNA in the liver increased beginning with the 3rd month and the rate of DNA synthesis increased to maximum values (7.1 times the normal) 6 months after the administration of Pu. The specific activity of RNA and DNA in bone marrow was markedly lower after one week and increased again on the 3rd month. There are 2 tables.

Card 2/2

27 1220

44071
S/742/62/000/000/013/021
I015/I215

AUTHORS: Libinzon, R.Ye., Konstantinova, V.V.

TITLE: Tissue phosphatase activity in rats following subacute and chronic plutonium injury

SOURCE: Plutoniy-239; raspredeleniye, biologicheskoye deystviye, uskoreniye vyvedeniya. Ed. by A.V. Lebedinskiy and Yu. I. Moskalev. Moscow, Medgiz, 1962, 80-85

TEXT: The effect of ionizing radiation on phosphatase activity has been extensively studied. Experiments were carried out on 61 rats weighing 120-160 g. They were injected i.p. with 20 μCu/kg b.w. (a dose causing a subacute injury) and 6.2, 3.7 and 1.9 μCu/kg b.w. (chronic injury) of plutonium nitrate solution. The enzyme activity

Card 1/3

S/742/62/000/000/013/021
I015/I215

Tissue phosphatase activity in rats...

was determined with Bodansky's method. The acid phosphatase (pH =4.8) and alkaline phosphatase (pH = 8.6) activity was determined in the corresponding buffer solutions. Sodium β -glycerophosphate served as a substrate and 0.5-5% tissue homogenates were the enzyme source. The enzyme activity was assessed by the increase in inorganic P following an incubation of 60 min. at 37°C and determined by the Fiske-Subarrow method. The introduction of Pu to rats brought a slight increase in acid phosphatase activity and a two-fivefold increase in alkaline phosphatase activity in the liver 2,6 and 9 months after the injection. The increase in alkaline phosphatase activity in hemopoietic organs was noticed only in cases of subacute injury. A twofold increase was observed in bone marrow 14 days and 2 months after injecting Pu, but in the spleen it was observed only after 2 months. A marked decrease in alkaline phosphatase activity was observed in the kidneys (½ - ⅓ as that of the normal) and intestinal muco-

Card 2/3

S/742/62/000/000/013/021
I015/I215

Tissue phosphatase activity in rats...

sa $\frac{1}{2}$ - $\frac{1}{8}$ in subacute and chronic injuries during the entire period of the experiment. There are 2 tables.

Card 3/3

TSEVELEVA, I.A.; LIBINZON, R.Ye.

Free nucleotides in some tissues of a rabbit. Biokhimiia 27 no.2:305-312 Mr-Ap '62. (MIRA 15:4)
(NUCLEOTIDES)

LIBINZON, R.Ye.; KONSTANTINOVA, V.V.; MUKSINOVA, K.N.; POPOVA, T.G.; ROGACHEVA, S.A.

Effectiveness of high-polymeric DNA in the treatment of acute radiation sickness. Radiobiologiia 3 no.1:111-116 '63. (MIRA 16:2)

(RADIATION SICKNESS) (NUCLEIC ACIDS)

L 11249-63 EWP(j)/EWT(1)/EWT(m)/BDS--AFFTC/AMD/ASD--Pc-4--RM/AR/K

ACCESSION NR: AP3001074 S/0205/63/003/003/0456/0462 64

AUTHOR: Libinzon, R. Ye.; Konstantinova, V. V.; Popova, T. G.; Rogacheva, S. A.

TITLE: Problem of the therapeutic action mechanism of high polymer DNA during radiation sickness 19

SOURCE: Radiobiologiya, v. 3, no. 3, 1963, 456-462

TOPIC TAGS: high polymer DNA, therapeutic action mechanism, radiation sickness

ABSTRACT: In an earlier report the effectiveness of isologous high polymer DNA preparations in treating radiation sickness was shown. The purpose of this investigation is to determine the nature of the therapeutic action mechanism by examining what happens to administered preparations in normal and irradiated animals and the effect of DNA on proliferative processes in the marrow (number of nucleus-bearing cells and mitotic index). 55 rats of both sexes were irradiated with gamma rays from a Co sup 60 source with a 1000 r dose at 20 r/min. After 24 hrs the rats were given 5-6 mg DNA of the liver or spleen in 3 ml of physiologic solution. Behavior of DNA in the organism of the rat was studied by using labeled P sup 32 preparations of DNA. Results indicate that DNA preparations taken from the spleen are more effective than DNA liver preparations. High polymer DNA in the first

Card 1/2

L 11249-63
ACCESSION NR: AP3001074

hours after administration is absorbed by liver, marrow, and spleen cells. Later it undergoes degradation and DNA synthesis takes place de novo. In normal animals the highest amount of activity connected with DNA is found in the marrow. Hematopoietic tissues of irradiated animals utilize the least amount of DNA. Higher mitotic activity and a greater number of nucleus-bearing cells are found in marrow of animals treated with DNA. Orig. art. has: 5 figures, 2 tables.

ASSOCIATION: none

SUBMITTED 11Jul62 DATE ACQD: 01Jul63 ENCL: 00

SUB CODE: 00 NO REF SOV: 003 OTHER: 006

ch/wm

Card 2/2

LIBINZON, R.Ye.; TSEVELEVA I.A.

Metabolism of ribonucleotides in the bone marrow of irradiated rabbits. Radiobiologiia 4 no.4:503-507 '64.
(MIRA 17:11)

L 7758-66

ACC NR: AP5025918 SOURCE CODE: UR/0205/65/005/005/0662/0666

AUTHOR: Yelkina, N. I.; Libinzon, R. Ye.

35
8

ORG: None

TITLE: Adenosine and adenylic acid desaminase activity in tissues of irradiated rabbits

SOURCE: Radiobiologiya, v. 5, no. 5, 1965, 662-666

TOPIC TAGS: experiment animal, irradiation effect, enzyme, nucleic acid, tissue physiology, spectrophotometric analysis

ABSTRACT: Twenty-nine rabbits weighing 2 to 2.5 kg were gamma-irradiated (cobalt-60, 15 r/min) with a 1000 r dose and then groups of 3 to 6 animals were killed 15 min, 4, 12, and 24 hrs later to determine adenosine and adenylic acid desaminase activity during the first 24 hrs. Fifteen animals served as control. Aqueous tissue homogenates were prepared from the small intestine mucosa, spleen, appendix, bone marrow, skeletal muscles, and liver. Adenosine was added to a tissue homogenate in a 0.1 M glycine buffer (pH7.4) after the temperature of the reacting mixture reached 23° to determine adenosine desaminase activity. Adenylic acid was added to a tissue homogenate in a 0.07M succinate buffer (pH 6.0) at a 27° temperature to determine adenylic

Card 1/2 UDC: 612.014.48

2

L 7768-66

ACC NR: AP5025918

acid desaminase activity. Enzyme activity was measured by H. M. Calcar's spectrophotometric method and by initial reaction rates according to methods of M. Dixon, E. Webb, and E. J. Conway. Findings show that following a 1000 r dose adenosine desaminase activity increases in appendix lymph tissue by 55% after 15 min and by 65% after 4 hrs, increases less markedly in small intestine mucosa and bone marrow, and barely changes in the liver and spleen. Adenylic acid desaminase activity decreases in the skeletal muscles by 30% after 24 hrs, increases slightly in appendix lymph tissue after 15 min and 4 hrs, and decreases slightly in the spleen after 24 hrs. The authors suggest that the enzyme activity reaction differences to irradiation are related to certain physiological properties of the investigated tissues, but do not draw any conclusions. Orig. art. has: 2 figures.and 2 tables.

SUB CODE: 06/ SUBM DATE: 06Sep63/ ORIG REF: 002/ OTH REF: 008

nw

Card 2/2

KOMARNICKA, Romualda; LIBISZOWSKA-STANIULOWA, Maria

Pulmonary tuberculosis in diabetes mellitus. Gruzlica 23 no.5: 325-338 My '55.

1. Z II Kliniki Chorob Wewnetrznych A.M.G. Kierownik: prof. dr St.Wszelaki i z Kliniki Ftyzjatrycznej A.M. Kierownik: prof. dr M. Telatycki. Gdansk, II Klinika Chorob Wewnetrznych, ul, Debinki 7.

(TUBERCULOSIS, PULMONARY, complications, diabetes mellitus)
(DIABETES MELLITUS, complications, tuberc., pulm.)

BILOWICKA, Maria; LIBISZOWSKA-STANIUL, Maria; KUSZEWSKI, Bogdan; SZELEZYNSKI, Kazimierz

Combined treatment of pulmonary tuberculosis with streptomycin and isoniazid. Gruzlica 24 no.1:41-47 Jan 56.

1. Z Kliniki Ftyzjatrycznej Akademii Medycznej w Gdansku Kierownik: prof. dr. M. Telatycki, Praca zlecona przez Instytut Gruzlicy, Gdansk, ul. Debinki 7 a. Klinika Ftyzjatryczna.

(TUBERCULOSIS, PULMONARY, ther.
streptomycin & isoniazid.)
(STREPTOMYCIN, ther. use
tuberc., pulm., with isoniazid.)
(NICOTINIC ACID ISOMERS, ther. use
isoniazid in pulm. tuberc., with streptomycin.)

SOLTYS, Jan; LIBISZOWSKA-STANIUL, Maria; KRZYZANOWSKA, Helena

Adjuvant therapy of pulmonary tuberculosis with novocaine perfusions. Gruzlica 25 no.1:43-50 Jan 57.

1. Z Kliniki Ftyzjatrycznej Akademii Medycznej w Gdansku Kierownik: Prof. Dr. M. Telatycki. Adres: Gdansk-Wrzeszcz, Jaskowa Dolina 46a/11.

(TUBERCULOSIS, PULMONARY, ther.
adjuvant with procaine perfusions (Pol))
(PROCAINE, ther. use
perfusions in adjuvant ther. of pulm. tuberc. (Pol))

KRZYZANOWSKA, Helena; LIBISZOWSKA-STANIUL, Maria

Case of isolated abdominal form of malignant lymphogranulomatosis. Polski tygod. lek. 13 no.49:1985-1987 8 Dec 58.

1. (Z Kliniki Ftyzjatrycznej Akademii Medycznej w Gdansku; kierownik: prof. dr T. Kielanowski). Adres: Gdansk, Klin. Ftyzjatryczna A. M.
(HODGKIN'S DISEASE, case reports
isolated abdom. form (Pol))

LIBISZOWSKA-STANIUL, Maria; MICHEIDA, Barbara

Fatal case of air embolism in supplementary pneumoperitoneum. Gruzlica 27 no.2:155-159 Feb 59.

1. Z Kliniki Gruzlicy Pluc A.M. w Gdansku Kierownik: prof. dr T. Kielanowski i z Zakladu Medycyny Sadowej A.M. w Gdansku Kierownik: prof. dr St. Manczarski Adres: Klinika Gruzlicy Pluc A.M.G., Gdansk.
(PNEUMOPERITONEUM, ARTIFICIAL, compl.
air embolism, fatal (Pol))
(EMBOLISM, etiol. & pathogen.
air embolism in artif. pneumoperitoneum, fatal case (Pol))

KOLOSOWSKA, Janina; LIBISZOWSKA-STANIUL, Maria

The level of free biologically-active isonicotinic acid hydrazide and its relation to the size of the dose and combination with PAS in the presence of rapid, medium and slow inactivating agents. Gruzlica 31 no.2:115-117 '63.

1. Z Kliniki Ftizjatrycznej AM w Gdansku Kierownik: prof. dr med. F. Kielanowski.
(ISONIAZID) (BLOOD CHEMICAL ANALYSIS)
(AMINOSALICYLIC ACID)

KOLASOWSKA, Janina; LIBISZOWSKA-STANIUL Maria

Comparision of the free levels of biologically active INH in the blood serum during oral and intravenous administration of INH alone and combined with PAS. Gruzlica 32 no. 9:805-808 S '64

LIBISZEWSKI, F.

Regional cement factory. (To be contd.) p. 45. (PRZEGLAD BUDOWLANY, Warszawa, Vol. 27, no. 2, Feb. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jun. 1955, Uncl.

LUBISZOWSKI, F.

Regional cement factory, (Conclusion) p. 78. (PRZEGLAD BUDOWLANY, Warszawa, Vol. 27, no. 3, Mar. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jun. 1955, Uncl.

Libiszowski, M.,

1218 666.97.013.5

Libiszowski M. Regional Concrete Products Factories.

„Betoniarnia rejonowa". Przegląd Budowlany. No .2, 1955, pp. 45—48, No. 3, 1955, pp.78—82, 7 figs., 2 tabs.

Experience indicates the necessity of providing regional concrete products factories with a planned elastic programme for all-round production. This can be achieved by so equipping the departments which produce groups of similar ready-made items as to allow immediate variation of output by a change of moulds only. An example is given of an organizational plan of a concrete factory (operating on two shifts), annually producing 40,000 cu.m. of finished products.

Libiszowski, S.

"For the Profile of a Papermaker-Economist, p. 79 (PRZEGLAD PAPEIRNICZY, Vol. 9, #3, March, 1953, Lodz, Poland

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress, August, 1953 Uncl.

LIBISZOWSKI, S.

Papermaking industry in the countries of South America. p. 246.

Vol. 11, no. 8, Aug. 1955

PRZEGLAD PAPIERNICZY, Lodz

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 2, Feb. 1956

LIBISZOWSKI, STEFAN

POLAND/Chemical Technology. Chemical Products and Their Application. Cellulose and Its Production. Paper. H-33

Abs Jour: Ref. Zhur-Khimiya, No 11, 1958, 38321.

Author : Libiszowski Stefan.
Inst : Not given.
Title : The Cellulose-Paper Industry in Australia and New Zealand.

Orig Pub: Przegl papiern, 1956, 12, No 11, 343-345.

Abstract: In cellulose-paper production, Australia stands in 7th place after the USA, Canada, Sweden, England, Norway and Switzerland, and is ahead of Denmark, Finland and the German Federal Republic. There are 5 sulfite cellulose plants and 16 paper factories in Australia. The yearly output of cellulose (C) is 180,000 tons; by 1960 output will achieve 500,000 tons.

Card : 1/2

LIBISZOWSKI, S. ; SUREWICZ, W.

Concerning the wood problem.

P. 193 (PRZEGLAD PAPIERNICZY) (Lodz, Poland) Bol. 13, no. 7, July 1957

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5. 1958

LIBITSKAYA, M.

"Chronic pneumonia in children" by A.M. Kropachev. Pediatriia 36 no.6:94-95 Je '58 (MIRA 11:6)
(PNEUMONIA)

POKROVSKIY, V.I.; LIBIYAYNEN, L.T.

Clinical aspects of serous meningitis in epidemic parotitis.
Kaz.med.zhur. no.5:45-47 S-O '62. (MIRA 16:4)

1. Kafedra infektsionnykh bolezney (zav. - prof. K.V.Bunin)
1-go Moskovskogo ordena Lenina meditsinskogo instituta imeni
Sechenova.

(MENINGITIS) (MUMPS)

LIBIYAYNFN, T.P. (Ryazan')

Dissecting aneurysm of the abdominal aorta with a rupture following rheumatic aortitis. Nauch. trudy Ryaz. med. inst. 14:96-98 '63.
(MIRA 17:5)

G. I. LIBIZOV,

N/5
712.19
.B9

Skopoliya Gimalayskaya (Himalyan Scopolia, by) F. L. Burmistrov, G. I. Libizov, and others. Moskva, Medgiz, 1953
83 P. Illus., Diagrs., Tables.
At head of title: Ministerstvo Zdravookhraneniya Soyuza SSR, Vsesoyuznyy Nauchno-Issledovatel'skiy Institut, Lekarstvennykh I Aromaticheskikh Rasteniy (Vilar)

Libizov, M. P.

Davydov, S. G. and Libizov, M. P. - "The effectiveness of heterosperm insemination of agricultural animals", Trudy Pushkinskoy nauch.-issled. laboratorii razvedeniya s.-kh. zhivotnykh, Issue 2, 1949, p. 43-50.

SO: U-3042, 11 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 8, 1949).

LIBIZOV, M. P.

Libizov, M. P. - "On the problem of the selective fertilization of agricultural animals", Trudy Pushkinskoy nauch.-issled. laboratorii razvedeniya s.-kh. zhivotnykh, Issue 2, 1949, p. 56-61.

SO: U-3042, 11 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 8, 1949).

LIBIEZOV, M.P. POLYENICHKO, YA. I.

30430

Effyektivnost' razlichnykh myetodov dvoynogo dokrytiya svinyey i yeye obuslovlyennost' Trudy Pushkinskoy nauch. Issledyed. Laboratorii razvyedyeniya s. kh. ahivotnykh, vyp. 3, 1949, s. 49-62

SO: LETOPIS' No. 34

LIBIZOV, M.P.

30429

Opyty osyemyenyeniya krolikov smyes'yu spyermy razlichnykh samtsov, Trudy Pushkinskoy nauch. - isslyed, Laboratorii razvyedyeniya s.- kh. zhivotnykh, vyp. 3, 1949, s. 63968

SO: LETOPIS' No. 34

LI-IZOV, M. P., jt. au.

Hybridization and double mating in practical animal husbandry
Moskva, Gos. izd-vo selkhoz lit-ry, 1952. 166 p.

Name: LIBIZOV, Mikhail Pavlovich

Dissertation: Process of impregnation and methods of mating of swine

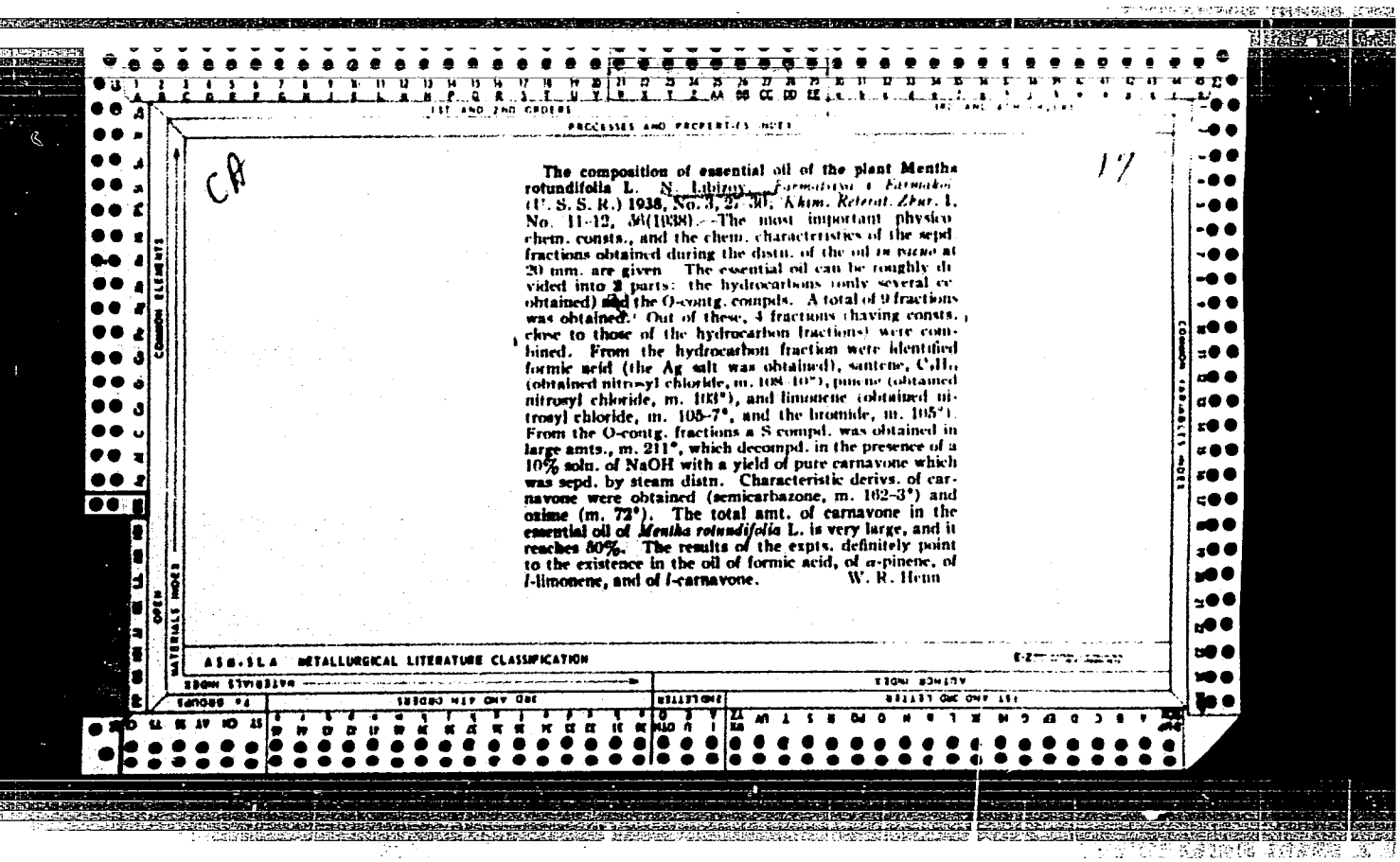
Degree: Doc Agr Sci

Affiliation: [not indicated]

Defense Date, Place: 20 Mar 56, Council of Leningrad Agr Inst

Certification Date: 10 Nov 57

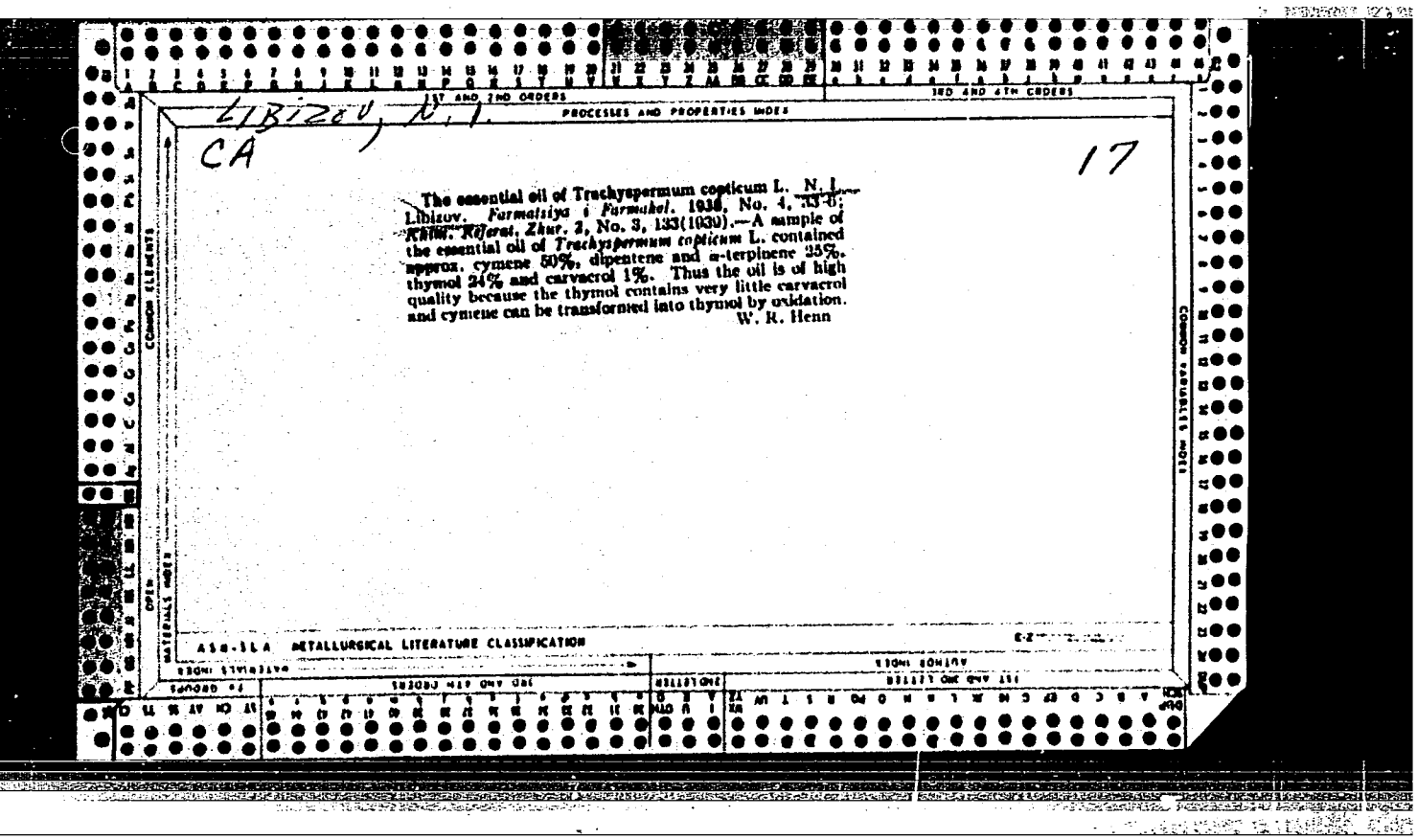
Source: BMVO 24/57



CA

17

The composition of essential oil of the plant Mentha rotundifolia L. S. Lubimy, *Farmatsiya i Farmakol.* (U. S. S. R.) 1938, No. 3, 27–31; *Khim. Referat. Zhur.* 1, No. 11–12, 56(1938).—The most important physicochem. consts., and the chem. characteristics of the sepd. fractions obtained during the distn. of the oil *in vacuo* at 20 mm. are given. The essential oil can be roughly divided into 2 parts: the hydrocarbons (only several cc. obtained) and the O-contg. compds. A total of 9 fractions was obtained. Out of these, 4 fractions having consts. close to those of the hydrocarbon fraction(s) were combined. From the hydrocarbon fraction were identified formic acid (the Ag salt was obtained), santene, C_9H_{14} (obtained nitrosyl chloride, m. 108–10°), pinene (obtained nitrosyl chloride, m. 103°), and limonene (obtained nitrosyl chloride, m. 105–7°, and the bromide, m. 105°). From the O-contg. fractions a S compd. was obtained in large amts., m. 211°, which decompd. in the presence of a 10% soln. of NaOH with a yield of pure carnavone which was sepd. by steam distn. Characteristic derivs. of carnavone were obtained (semicarbazone, m. 162–3°) and oxime (m. 72°). The total amt. of carnavone in the essential oil of *Mentha rotundifolia* L. is very large, and it reaches 80%. The results of the expts. definitely point to the existence in the oil of formic acid, of *α*-pinene, of *l*-limonene, and of *l*-carnavone. W. R. Henn



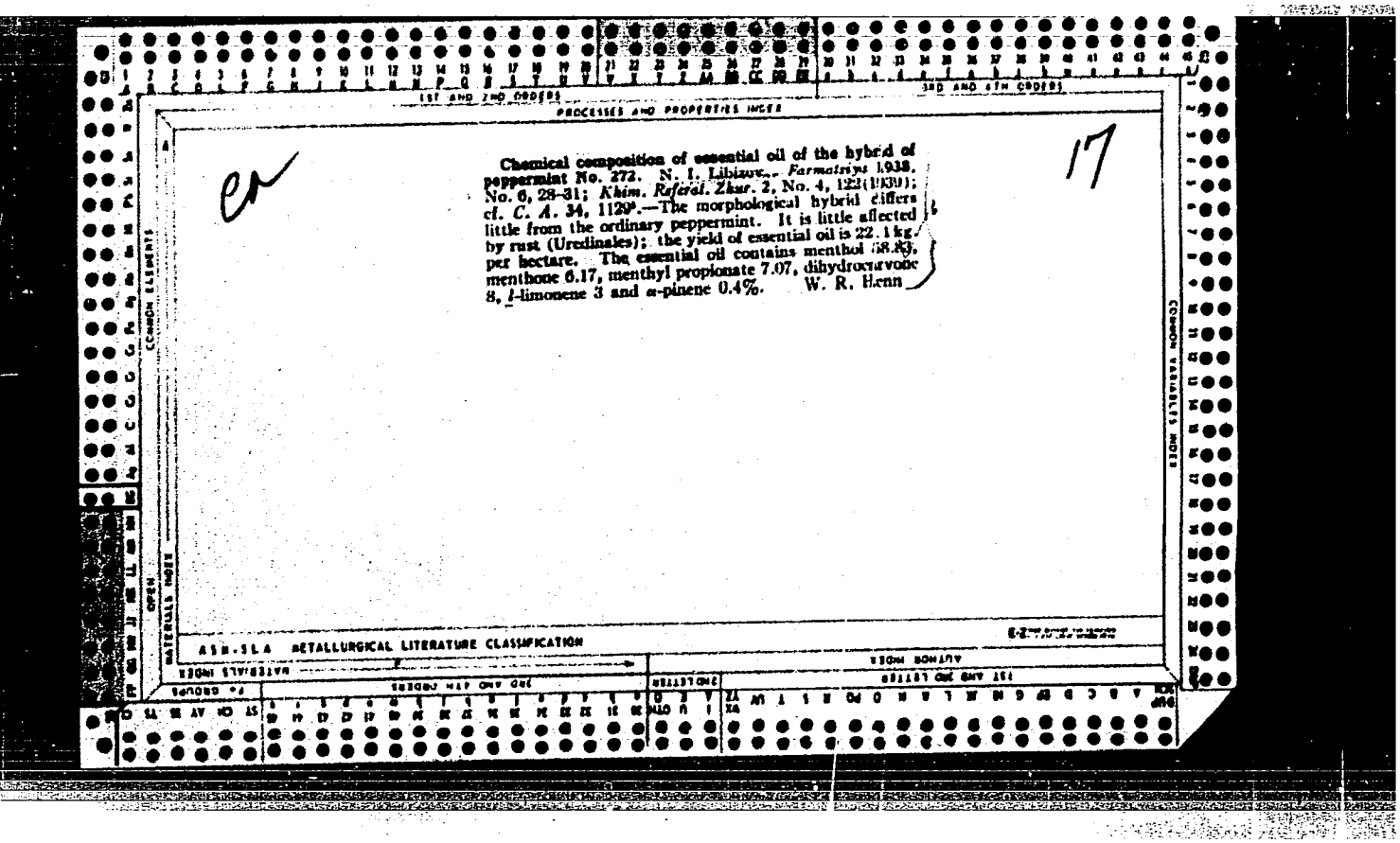
Libizov, N. I.

CA

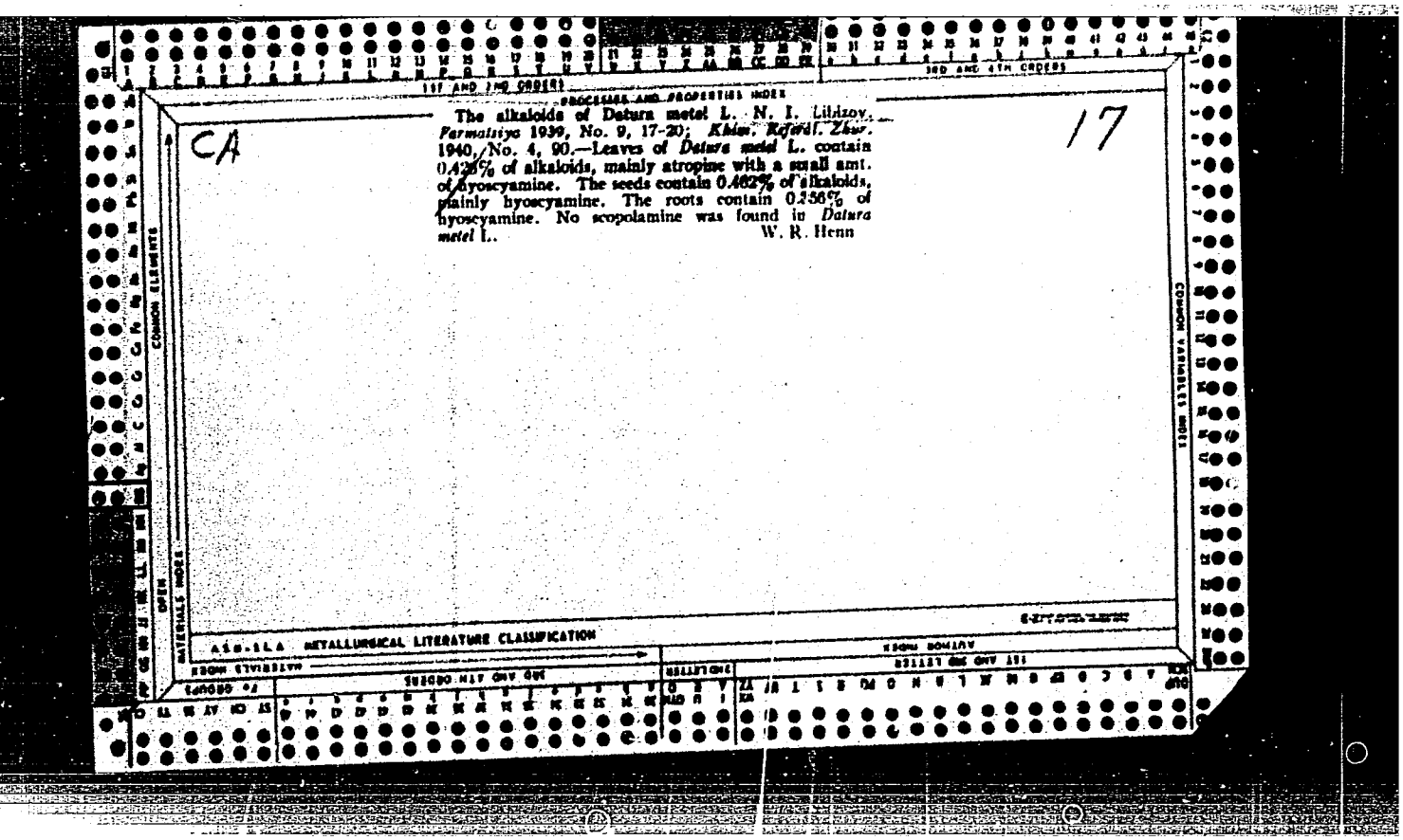
17

The essential oil of Trachyspermum copticum L. N. I. Libizov. *Farmatsiya i Farmakol.* 1930, No. 4, 13-8; *Khim. Referat. Zhur.* 3, No. 3, 133(1930).—A sample of the essential oil of *Trachyspermum copticum* L. contained approx. cymene 50%, dipentene and α-terpinene 35%, thymol 24% and carvacrol 1%. Thus the oil is of high quality because the thymol contains very little carvacrol and cymene can be transformed into thymol by oxidation.
W. R. Henn

A58-11A METALLURGICAL LITERATURE CLASSIFICATION



Chemical composition of essential oil of the hybrid of peppermint No. 272. N. I. Libizov. *Farmatsiya* 1938, No. 6, 28-31; *Khim. Referat. Zhur.* 2, No. 4, 123(1939); cf. *C. A.* 34, 1129⁹.—The morphological hybrid differs little from the ordinary peppermint. It is little affected by rust (Uredinales); the yield of essential oil is 22.1 kg. per hectare. The essential oil contains menthol 58.83, menthone 6.17, menthyl propionate 7.07, dihydrocarvone 8, *l*-limonene 3 and α-pinene 0.4%. W. R. Henn



CA

17

The alkaloids of Datura metel L. N. I. Lilizov, *Farmatsiya* 1939, No. 9, 17-20; *Khim. Referat. Zhur.* 1940, No. 4, 90.—Leaves of *Datura metel* L. contain 0.42% of alkaloids, mainly atropine with a small amt. of hyoscyamine. The seeds contain 0.462% of alkaloids, mainly hyoscyamine. The roots contain 0.256% of hyoscyamine. No scopolamine was found in *Datura metel* L.. W. R. Henn

LIBIZOV, N.I.

LIBIZOV, N.I. Biochemistry of the plants of Sumac grcup. n.p. Sel'khozgiz, 1941. 30 p.

LIBIZOV, N. I.

USSR

The influence of the average daily temperature upon the process of accumulation of alkaloids in Zygadenus elegans. L. D. Alekseeva, N. I. Libizov, and V. V. Feofilaktov. *Doklady Akad. Nauk S.S.S.R.* 80, 73–6(1951).—Small decreases in av. daily temps. cause appreciable decreases in the alkaloidal content of *Z. elegans*. The decrease is most marked in the leaves. The influence of humidity is much less pronounced.

A. S. Mirkin

LIBIZOV, N. I.

(Sumac and Venetian sumac)
Moskva, Medgiz, 1953. 68 p.

LIBIZOV, N.I.

GERASIMENKO, I.I.; LIBIZOV, N.I.; NIKOL'SKAYA, B.S.; SATSYPEROV, F.A. [deceased]; ITSKOV, N.Ia., kandidat sel'skokhozyaystvennykh nauk, redaktor; TUROVA, A.D., doktor meditsinskiy nauk, redaktor; ZHUKOV, G.I., redaktor; BEL'CHIKOVA, Yu.S., tekhnicheskiy redaktor

[Indian datura (D. innozia Mill] Durman indeiskii. Pod red. N.IA. Itskova i A.D.Turovoi. Moskva, Gos. izd-vo med. lit-ry, 1953. 77 p. [Microfilm] (MLRA 7:10)

(Datura)

LIBIZOV, N.I.

BURMISTROV, F.[illegible]; LIBIZOV, N.I.; MYRAV'YEVA, V.I.; NIKOL'SKAYA, B.S.; ITSKOV, N.Ya., kandidat sel'skokhozyaystvennykh nauk, redaktor; TUROVA, A.D., doktor meditsinskikh nauk, redaktor; ZHUKOV, G.I., redaktor; BEL'CHIKOVA, Yu.S., tekhnicheskiy redaktor

[Himalyan scopolia] Skopoliia gimalaiskaia. Pod red. N.IA.Itskova i A.D.Turovoi. Moskva, Gos. izd-vo med. lit-ry, 1953. 86 p. (MLRA 7:10)
[Microfilm]
(Scopolia)

LIBIZOV, N.I.

2

3586. New medicinal preparation "Lantozid". N. L. Libizov, and T. N. Ilinskaya [illegible] 1955 No. 4 45-7 [illegible] 1956. Abstr. No. 74821. Lantozid is a [illegible] the total glycosides of the leaves [illegible] concn. of 1 : 500 to 1 : 700. The biological activity [illegible] is 9—12 frog units in 1 ml. A short account of the method of prep. is given. Lantozid was used in 40 cases of decompensated [illegible]. The patients were given 10—20 drops 2—3 times a [illegible]

[illegible] and prep. of [illegible]

LIBIZOV, N.I., IL'INSKAYA, T.N.

Lanthoside and digipurin, preparations from Digitalis.
Med.prom. 12 no.12:46 D'58 (MIRA 11:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy.
(CARDIAC GLYCOSIDES)

LIBIZOV, N.I.

Alkaloids of Scopolia lurida Dunal. Trudy VILAR no. 11:79-91 '59. (MIRA 14:2)

(SOLANACEAE) (ALKALOIDS)

LIBIZOV, N.I.; IL'INSKAYA, T.N.

New therapeutic preparations of digitalis, lanthoside and digipurin. Trudy VILAR no. 11:310-316 '59. (MIRA 14:2)
(CARDIAC GLYCOSIDES)

OSTROVSKIY, N.I.; LIBIZOV, N.I.; DOBROVOL'SKAYA, A.P.; PIMENOVA, L.D.; SEMENOVA, L.P.

Alkaloids in ergot as related to habitat in the U.S.S.R. [with summary in English]. Apt.delo 8 no.1:29-34 Ja-F '59. (MIRA 12:2)

1. Iz Vsesoyuznogo nauchno-issledovatel'skogo instituta lekarstvennykh i aromaticheskikh rasteniy Ministerstva zdravookhraneniya SSSR.

(ERGOT) (ALKALOIDS)

KRAYEVSKIY, A.A.; LIBIZOV, N.I.

Thymol from thymic ether oil. Apt.delo 8 no.5:39-40 S-O '59.
(MIRA 13:1)

(THYMOL)

LIBKHABER, V.

Our wishes. Den. i kred. 21 no.6:29 Je '63. (MIRA 16:8)

1. Zamestitel' glavnogo bukhgaltera Moskovskogo pishchekombinata.
(Moscow--Food industry--Finance) (Credit)

PRONIN, V.A., kand. ekon. nauk; MOISEYEV, B.I., dots.; LIBKIND, A.E., assistent; YARTSEV, V.P., assistent; PILIPYUK, L.A., agronom-ekonomist; LYKOV, V.N., red.; POPOV, V.N., tekhn. red.

[Production norms and monetary wages on collective farms] Normy vyrabotki i denezhnaia oplata truda v kolkhozakh. 2., perer. i dop. izd. Tambov, Tambovskoe knizhnoe izd-vo, 1962. 125 p. (MIRA 16:3)

1. Kafedra ekonomiki i organizatsii sotsialisticheskogo sel'skokhozyaystvennogo proizvodstva Plodovoshchnogo instituta imeni I.V.Michurina (for all except Popov, Lykov).
(Tambov Province--Collective farms--Income distribution)
(Tambov Province--Collective farms--Production standards)

AREF'YEV, T.I., kand. ekon. nauk; BRASLAVETS, M.Ye., prof., doktor ekon. nauk; BROZGUL', M.M.; VLASOV, N.S., prof., doktor ekon. nauk; DUBROVA, P.F., doktor ekon. nauk; YESAULOV, P.A., kand. sel'khoz. nauk; ZAL'TSMAN, L.M., prof., doktor sel'-khoz. nauk; KAL'M, P.A., dotsent, kandidat sel'sko-khoz. nauk; KOSTSELETSKIY, N.A., kand. ekon. nauk; KRYLOV, V.S., kand. sel'khoz. nauk; LIBKIND, A.S., dots., kand. ekon. nauk; MAKAROV, N.P., prof., doktor ekon. nauk; OGLOBLIN, Ye.S., kand. sel'khoz. nauk; POLOVENKO, S.I., kand. ekon. nauk; POPOV, S.A., dots., kand. ekon.nauk; SAPIL'NIKOV, N.G., doktor ekon. nauk; TISHCHENKO, G.A., prof., kand. ekon. nauk; TYUTIN, V.A., prof., doktor ekon. nauk; YANYUSHKIN, M.F., kand. ekon. nauk; PYLAYEVA, A.P., red.; FREYDMAN, S.M., red.; SOKOLOVA, N.N., tekhn. red.

[Organization of socialist agricultural enterprises] Organizatsiia sotsialisticheskikh sel'skokhoziaistvennykh predpriiatii; kurs lektsii. Moskva, Sel'khozizdat, 1963. 662 p.
(MIRA 16:8)

1. Zaveduyushchiy otdelom ekonomiki Vsesoyuznogo nauchno-issledovatel'skogo instituta sakharnoy svekly (for Aref'yev).
2. Odesskiy sel'skokhozyaystvennyy institut (for Braslavets).
(Continued on next card)

AREF'YEV, T.I.— (continued). Card 4.

3. Moskovskaya sel'skokhozyaystvennaya akademiya im. K.A.Timiryazeva (for Vlasov). 4. Zaveduyushchiy otdelom ekonomiki i organizatsii Nauchno-issledovatel'skogo instituta sadovodstva im. I.V.Michurina (for Dubrova). 5. Moskovskiy Gosudarstvennyy universitet im. M.V.Lomonosova (for Zal'tsman, Polovenko). 6. Zaveduyushchiy kafedroy organizatsii sel'skokhozyaystvennogo proizvodstva Leningradskogo sel'skokhozyaystvennogo instituta (for Kal'm). 7. Zaveduyushchiy otdelom ekonomiki Nauchno-issledovatel'skogo instituta ovoshchnogo khozyaystva (for Kostseletskiy). 8. Vsesoyuznyy nauchno-issledovatel'skiy institut ptitsevodstva (for Krylov). 9. Moskovskiy ekonomiko-statisticheskiy institut (for Libkind). 10. Vsesoyuznyy sel'skokhozyaystvenniy institut zaochnogo obrazovaniya (for Makarov). 11. Zaveduyushchiy otdelom ekonomiki Krasnodarskogo nauchno-issledovatel'skogo instituta sel'skogo khozyaystva (for Ogloblin). 12. Kafedra organizatsii sel'skokhozyaystvennogo proizvodstva Leningradskogo sel'skokhozyaystvennogo instituta (for Popov). 13. Zaveduyushchiy kafedroy Sovetskoy ekonomiki Vysshey partiynoy shkoly (for Sapil'nikov). 14. Voronezhskiy sel'skokhozyaystvennyy institut (for Tishchenko). 15. Leningradskiy sel'skokhozyaystvennyy institut (for Tyutin). 16. Direktor Severo-Kavkazskogo filiala Vsesoyuznogo nauchno-issledovatel'skogo instituta ekonomiki sel'skogo khozyaystva (for Yanyushkin).

(Agriculture—Economic aspects)

ROVENSKIY, Semen Yakovlevich; CHKHEIDZE, Grigoriy Davidovich; PETROV, Viktor Konstantinovich; LIBKIND, Azariy Samuilovich; BALIKHIN, M.I., nauchn. red.; SHITOVA, L.N., red.

[Operational planning in construction by stages and complexes] Operativnoe planirovanie v stroitel'stve po etapam i kompleksam. [By] S.IA.Rovenskii i dr. Moskva, Stroiizdat, 1964. 115 p. (MIRA 17:6)

LIBKIND, Aron Solomonovich.

Agrarian overpopulation and the collectivization of the village. Moskva. Izd-vo Kommunisticheskoi akademii, 1931. 195 p. maps.

NH

LIBKIND, A.S

RURAL ELECTRIFICATION

Electrification of socialist agriculture ("Role of electrification in developing the material and technical basis of Russian agriculture." by S. Matskevich. Reviewed by A. Libkind). Sots. sel'khoz. 23 no. 8, 1952.

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

LEBKIND, A.S.

LIBKIND, A.S., kand.ekon .nauk, dotsent; MAKSIMOVA, V.N., dotsent, kand. ekonom.nauk, otvetstvennyy red.; KHALUGA, A.K., tekhn.red.

[Basic economic problems of machine-tractor stations; a study manual] Osnovnye voprosy ekonomiki MTS; uchebnoe posobie. Moskva, Mosk.ekon.-stat.in-t, 1957. 38 p. (MIRA 11:1)
(Machine-tractor stations)