"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

ACCESSION NR: AP4044133 ENCLOSURE: 01

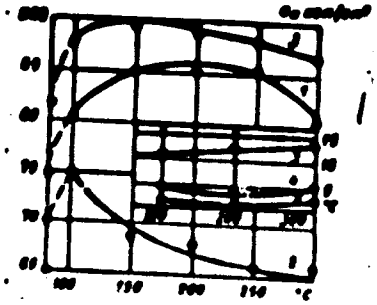


Fig. 1. Dependence of hardness and impact strength on aging temperature (for 1 hr. duration): 1 and 4 - after deformation; 2 and 5 - after quenching; 3 and 6 - after quenching and deformation. Left ordinate - hardness; right ordinate - impact strength in kg-m/cm^2.

Card 3/3

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

POLOZNYUK, V.V.; NIKOLAYEVA, L.A.

Electron microscopy of steel aging. Metalloved. i term. obr. met. no.8:13-15 Ag '64. (MIRA 17:10)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

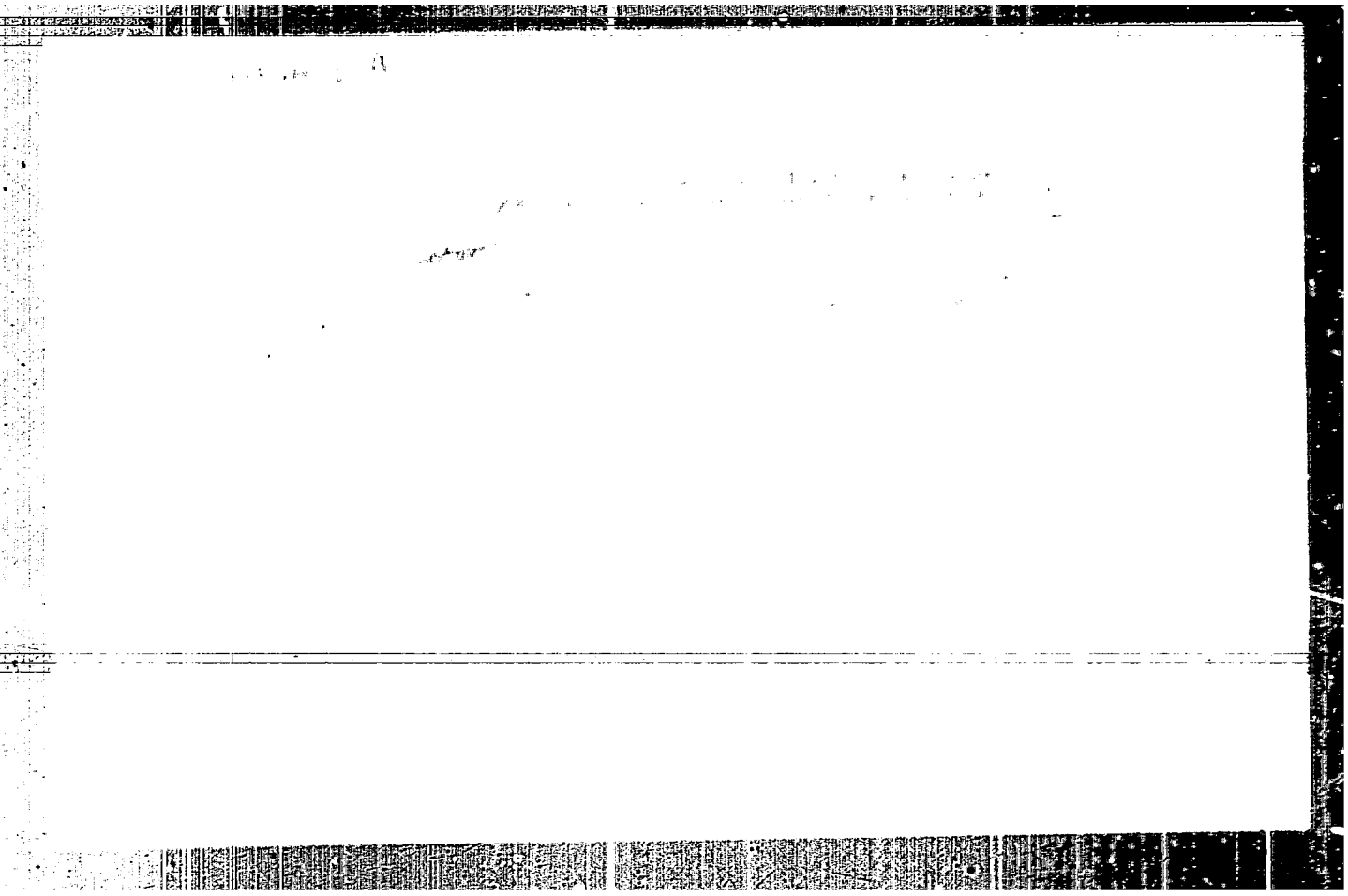
NIKOLAYEVA, L.A.

Gas inclusions in native gold. Zap.Vses.min.ob-va 83 no.4:401-402 '54. (MLRA 8:2)

1. Nauchno-issledovatel'skiy institut "Giprotsvetmetobrabotka", Moscow. (Gold ores)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0



APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

ALIYEV, A.G.; NIKOLAYEVA, L.A.; NIKOLAYEV, L.V.

The relation of porosity to certain parameters of reservoir rocks, and the use of this factor in compiling core reading of the porosity of rocks in the Kirmaki series. Dokl.AN Azerb.SSR 12 no.1:15-19 '56. (MLRA 9:7)

1.Neftyanaya ekspeditsiya AN Azerbaydzhanskoy SSR.
(Porosity) (Oil well logging)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

ALIYEV, A.G.; MIRZOYEV, L.V.; NIKOLAYEVA, L.A.

Reservoir rock characteristics of the Kirmaki series in the Apsheron Peninsula. Azerb.neft.khoz. 35 no.5:1-3 My '56. (MLRA 9:10)

(Apsheron Peninsula--Petroleum geology)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

SOKOLOV, D.K.; ANDRONOVA, A.I.; GRIGOR'YEVA, V.D.; KUPRIYANOVA, A.A.; NIKOLAYEVA, L.A.; PUKHOV, N.N.

Experience in organizing a free donor service in Kurgan Province. Probl. gemat. i perel. krovi 9 no.1:52-5 Ja '64. (MIRA 18:1)

1. Iz donorskogo komiteta pri Kurganskom oblastnom zdravootdele (zav. N.A. Rokina).

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

ACC NR: AT6027145

mocouples. Continuous, flexible coatings having an adequate heat resistance at 600-750°C were obtained. Orig. art. has: 2 figures and 2 tables.

SUB CODE: 11/ SUBM DATE: 18Jun64/ ORIG REF: 005/ OTH REF: 003

Card 2/2 gd

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

A New Variant of the Amino Method in Ferrocene Synthesis

S/079/61/031/001/025/025
B001/B066

the synthesis of ferrocene, the data of the US patent 2719074 (Ref. 4) concerning the $FeCl_2$ production were used. This method rests upon heating of $FeCl_3$ with chloro benzene at 140°C; the resultant $FeCl_2$ was found to be highly active in the condensation with cyclopentadiene in the presence of diethylamine. For a convenient comparison of the experimental results, all experiments were carried out with equal quantities of the reactants (Table). The ferrocene yield was calculated for iron. As may be seen from the table, satisfactory results were obtained in the experiments of series A (reduction of $FeCl_3$ by Fe), when using di-n-butyl ether, anisole, phenetole, ethyl butyrate, and butyl acetate as solvents. $FeCl_3$ is not reduced to $FeCl_2$ by metallic iron in pyridine, anhydrous alcohol, and acetone. If acetone is replaced by methyl isobutyl ketone, the ferrocene yield is 27 %. If in the above condensation triethylamine, pyridine, and sodium ethylate are used instead of diethylamine, the ferrocene yield suddenly drops. There are 1 table and 4 references: 1 Soviet and 3 US.

Card 2/3

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

S/081/62/000/006/102/117
B160/B101

AUTHOR: Nikolayeva, L. F.

TITLE: Application of epoxy resins in radio engineering

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 6, 1962, 624 - 625, abstract 6P120 (Sb. tr. Nauchno-tekhn. o-vo radiotekhn. i elektrosvyazi im. A. S. Popova, no. 1, 1960, 172 - 180)

TEXT: The structure and principal properties of epoxy resins are examined. Formulations are given for cold-setting compounds based on resin ЭД-5 (ED-5) (for potting of units in semiconductor devices and other apparatus with a working temperature of not more than 70°C) and hot-setting compounds based on resin ЭД-6 (ED-6) (for potting of high-voltage filament and anode transformers and other apparatus working at a voltage of >2 - 35 kv and with a working temperature range of -40 to +150°C, as well as for high-voltage insulators for voltages of 3 - 60 kv etc.). The technology of the casting of epoxy resin articles is described: materials and designs for molds, composition of lubricant, fastening of articles in the molds, composition of polyvinyl chloride paste used for hermetic

Card 1/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

TUTOVA, A.F.; NIKOLAYEVA, L.F.; [illegible]; NIKOL'YEVSKIY, A.A.; GALKINA, K.I.; [illegible]; KULYLEVA, T.Ye., otv. red.; [illegible], S.I., red.

[Transactions and materials of scientific congresses and conferences published abroad in 1962; an index] Trudy i materialy nauchnykh kongressov i soveshchanii, opublikovannye za rubezhom v 1962 godu; ukazatel'. Vypusk 3. Leningrad, 1964. 133 p. (MIRA 17:9)

1. Akademiya nauk SSSR. Biblioteka.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

20-5-45/60

AUTHOR: CHERNAVINA, I.A., RUBIN, B.A. and NIKOLAYEVA, L.F.

TITLE: On the Participation of Cytochromoxidase in the Process of Chlorophyll Synthesis.
(K voprosu ob uchastii tsitokhromoksidazy v protsesse sinteza khlorofilla.- Russian)

PERIODICAL: Doklady Akademii Nauk SSSR 1957 Vol 114 Nr 5, pp 1080-1083 (U.S.S.R.)

ABSTRACT: The main part of the investigations of pigment biosynthesis in the plastics is at present devoted to the disclosure of the chemism of this process. Much attention is paid to the clarification of the basic steps of protochlorophyll and chlorophyll formation. The enzymatic mechanism of the latter has, however hitherto been very little clarified. There exist enough data in publications which refer to the importance of the oxidising-reducing regime of the tissues for the chlorophyll synthesis. The majority of studies of this kind is dedicated to the first stage of becoming green - the formation of the colorless predecessor of chlorophyll. The second stage, transformation of protochlorophyll to chlorophyll, is, on the whole, considered to be

CARD 1/3

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

On the Participation of Cytochromoxidase in the Process of Chlorophyll Synthesis.

with each other. The study of the influence of some inhibitors of the oxidising enzyme systems upon the processes of greening may serve as one way to a solution of the problem of the connection between chromoxidase and chlorophyll formation. Besides specific compounds influencing the whole complex of metalliferous enzymes the authors examined also such compounds the influence of which on respiration is brought about by the cytochrome system. From the data of tab.1 it may be seen that an infiltration of sodium-azide and -fluoride in etiolated wheat leaves sharply suppresses the formation of chlorophyll. The results with cyanide are totally different: NaCN in all tests stimulated chlorophyll formation. Respiration as against control is increased. The nature of this phenomenon is not yet clear. Thus the results indicate that the substances which inactivate the system of - Fe, Cu-proteide, at the same time have a suppressing effect on the process of the biosynthesis of green pigments. This does not

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

20-5-45/60

On the Participation of Cytochromoxidase in the Process of Chlorophyll Synthesis.

ASSOCIATION: "M.V. Lomonosov" Moscow State University. (Moskovskiy gosudarstvennyy universitet im M.V. Lomonosova)
PRESENTED BY: A.I. Oparin, member of the Academy.
SUBMITTED: 25.2.57
AVAILABLE: Library of Congress.

CARD 5/5

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

CHERNAVINA, I.A., RUBIN, B.A., NIKOLAYEVA, L.F.

The ability of chlorophyll formation and oxidative systems in conifers. Nauch.dokl.vys.shkoly; biol.nauki no.1:144-148 '58
(MIRA 11:8)

1. Predstavlena kafedroy fiziologii rasteniy Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.
(CONIFERAE)
(CHLOROPHYLL)
(OXIDATION--REDUCTION REACTION)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

RUBIN, B.A.; NIKOLAYEVA, L.F.

Effect of enzyme inhibitors on the respiration of conifers in connection with the characteristics of greening. Dokl. AN SSSR, 144 no.6:1402-1405 Je '62. (MIRA 15:6)

1. Predstavleno akad. A.I. Oparinym.
(Enzymes) (Coniferae) (Chlorophyll)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

POSTNOV, Yu.V.; NIKOLAYEVA, L.F. (Moskva)

Lipoidosis of the endocardium and coronary arteries in white rats following action on the system of connective tissue mast cells. Arkh. pat. no.1:41-46 '63. (MIRA 17:10)

1. Iz patologoanatomicheskoy laboratorii (zav.- doktor med. nauk A.M. Vikhert) Instituta terapii AMN SSSR (dir.- deystvitel'nyy chlen AMN SSSR prof. A.L. Myasnikov).

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, L. G.

Nikolayeva, L. G. "The problem of cytological and histopathological data in the clinical diagnosis of 'appendicitis'." Kiev Inst for the Advanced Training of Physicians. Kiev, 1956. (Dissertation for the Degree of Candidate in Medical Science)

So: Knizhnaya letopis', No. 27, 1956. Moscow. Pages 94-109; 111.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

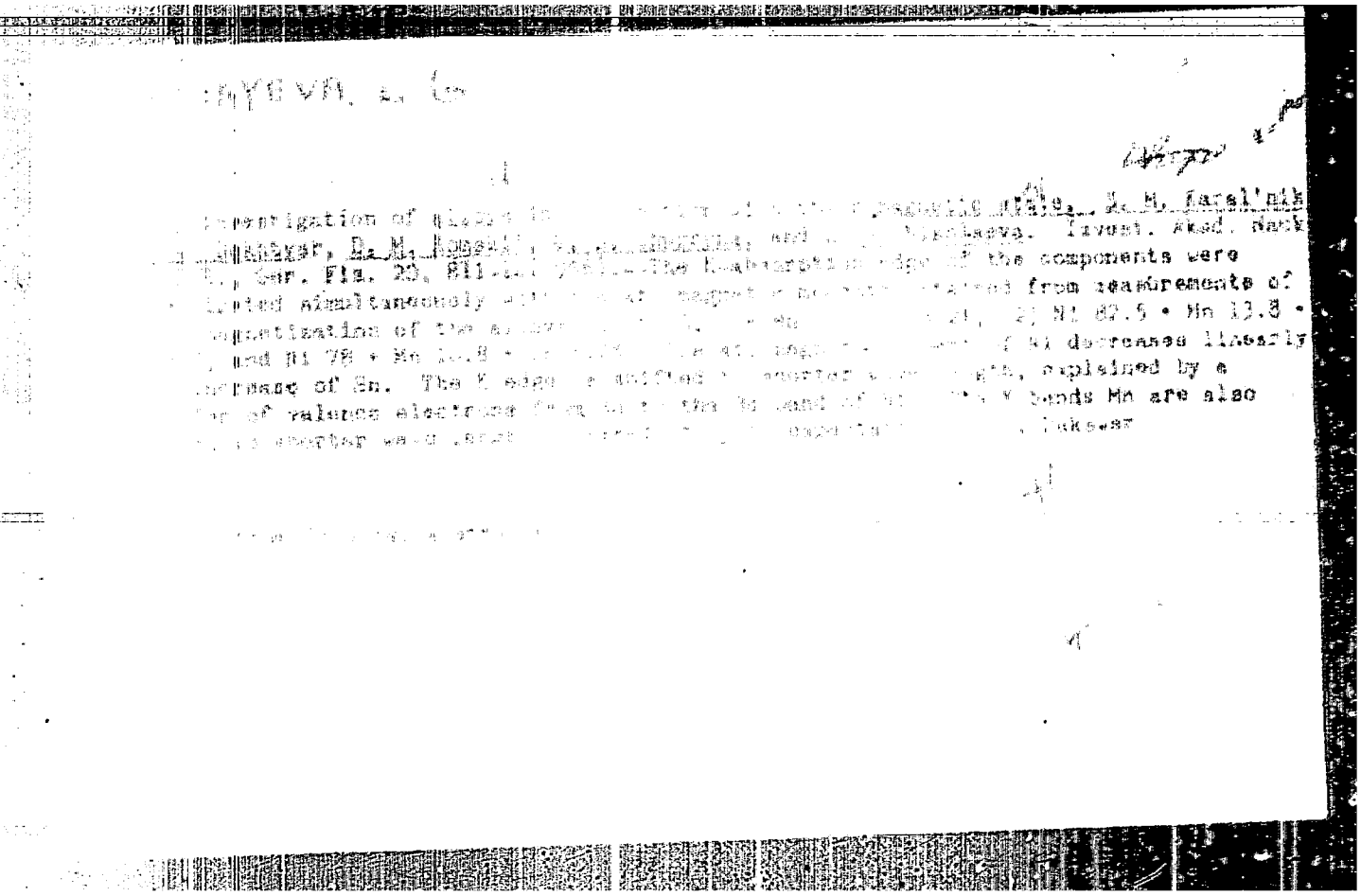
NIKOLAYEVA, L.G. (Kiyev, ul. Mechnikova, d.8, korp. 1, kv.7)

Treating subdiaphragmal abscesses by punctures and local use of antibiotics. Nov.khir.arkh. no.4:74 Jl-Ag '57. (MIRA 10:11)

1. Kafedra khirurgii (nav. - prof. A.A.Fedorovskiy) pediatricheskogo fakul'teta Kiyevskogo meditsinskogo instituta.
(DIAPHRAGM--ABSCESSES) (PUNCTURES) (ANTIBIOTICS)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0



APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, L.G. [Nikolaieva, L.H.]; KARAKAL'CHIK, S.M. [Karal'nyk, S.M.]

Characteristic absorption of X-rays in binary alloys of iron with nickel, cobalt and chromium. Ukr. fiz. zhur. 4 no.2:260-267 Mr-Ap '59. (MIRA 12:1)

1. Kiyevskiy gosudarstvennyy universitet im. T.G. Shevchenko.
(Iron-nickel alloys--Spectra) (Iron-cobalt alloys--Spectra)
(Iron-chromium alloys--Spectra)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

KAKAL'NIK, S.M.; NIKOLAYEVA, L.G. [Nikolayeva, L.H.]; KOMOLENKO, Yu.I.

Characteristic absorption of X rays in titanium compounds.
Ukr. fiz. zhur. 4 no.3:404-405 My-Je '59. (MIRA 13:2)

1.Kiyevskiy gosudarstvennyy universitet im. T.G. Shevchenko.
(Titanium compounds)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NESHPOR, V.S.; NIKOLAIEVA, L.G. [Nikolaieva, L.H.]; KARAL'NIK, S.K.; KOROLENKO, Yu.I.

Investigation of the characteristic absorption of X rays in silicides of transition metals. Ukr.fiz.zhur. 4 no.6:814-815 N-D '59. (MIRA 14:10)

1. Kiyevskiy gosudarstvennyy universitet im. T.G.Shevchenko i Institut metallokeramiki i spetsial'nykh splavov AN USSR.
(X-ray absorption) (Transition metal silicides)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

25575
S/185/60/005/002/010/022.
D274/D304

18 8200 1413, 1418, 1555

AUTHORS: Nikolayeva, L.G. and Karal'nyk, S.M.

TITLE: Study of principal K-edge of absorption of X-rays for iron and vanadium alloys in two modifications

PERIODICAL: Ukrayins'kyy fizychnyy zhurnal, v. 5, no. 2, 1960, 231-234

TEXT: The position of the K-edges of absorption in Fe-Cr alloys, in particular in the α- and σ phases, is investigated, as well as in Fe-V alloys. An X-ray diffractometer was used, as described by S.M. Karal'nik (Ref. 4: UZhF, 5, 1958). The pulses were counted by a device connected in parallel. The alloys were melted in an argon atmosphere. The specimens were annealed for 10-15 hours at 1100-1200°C. An X-ray structure analysis of the specimens after annealing showed that the alloys with a vanadium concentration of 35 to 48 weight % were in the σ-phase, whereas the other two alloys were in the α-phase. The specimens undergoing X-ray analysis were spherical. The optimum thickness of these specimens was ex-

Card 1/3

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

25575
S/185/60/005/002/010/022
D274/D304

Study of principal K-edge...

perimentally chosen for purposes of greater contrast. It was found that an alternation in the thickness of the specimens did not lead to a change in the position of the K-edges. A table is given with the shifts of the K-edges of Fe and V in their alloys, as compared to the pure elements. It follows from the table that the maximum shift of the K-edges takes place for concentrations of alloys corresponding to the σ-phase; the maximum shift attains ~ 4.5 eV. The position of the K-edges in the σ-phase, as compared to the α-phase, is given by longer waves (at same concentrations). These results are analogous to the results obtained by another author for Fe-Cr alloys. It is known that Fe-Cr and Fe-V systems are also similar with respect to the diagram of state and crystallochemical structure of their α- and σ phases. As a result of the outlined investigations a simple qualitative interpretation is given of the interatomic mechanism in these alloys. In $\alpha \rightleftarrows \sigma$ transitions the electrons are redistributed; 3d-electrons of iron atoms are transferred to the 4-sp levels of chromium and vanadium atoms. This transfer leads to longer wave-length of K-edge position. Such a redistribution of 3d-electrons may lead to a reduction in the mag-

Card 2/3

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

Study of principal K-edge... 25575
S/185/60/005/002/010/022
D274/D304

netic properties of iron atoms; hence it would be one of the reasons for the decline in magnetic properties of alloys in $\alpha \rightarrow \gamma$ transition. Another result of the redistribution of electrons is the greater compactness of the crystal lattices. In conclusion, the X-ray method gives more directo proof of changes in electronic state during $\alpha \rightleftarrows \gamma$ transitions. There are 1 table and 8 references: 7 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: N. Mott, K. Stivens, Phil. Mag., 2, 1364-1386, 1957.

ASSOCIATION: Kyyvs'kyy dershavnyy universytet im. T.G. Shevchenka (Kiyev State University im. T.G. Shevchenko)

SUBMITTED: July 9, 1959

Card 3/3

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, L. G.

Cand Phys-Math Sci - (diss) "X-ray spectral studies of alloys based on elements of the iron group." Voronezh, 1961. 10 pp; (Ministry of Higher Education USSR, Voronezh State Univ); 100 copies; price not given; (KL, 10-61 sup, 205)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, L. G.

S/185/61/006/001/009/011
D210/D305

18.8100

AUTHORS: Karal'nyk, S.M., Nikolayeva, L.N., Morkina, A.S. and Buyanov, Yu.I.

TITLE: Study of the characteristic absorption of zinc and copper in their alloys with aluminum and magnesium

PERIODICAL: Ukrayins'kyy fizychnyy zhurnal, v. 6, no. 1, 1961, 121-218

TEXT: The authors investigated the displacement of the K-edge of copper in its alloys with aluminum, and that of zinc in its alloys with Al and Mg. The methods of investigation are not given, only references to previous publications. The results obtained were compared with the characteristic absorption of pure Zn and Cu and of some of their compounds; in the latter case, the authors' data are in fair agreement with those published abroad [Abstracter's note: Formulae of the compounds not given]. The authors state that although the methods used lacked precision they tried to remedy this by a very large number of measurements and by changing the experi-

Card 1/3

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

Study of the characteristic...

less marked. In the authors' opinion this result points to a considerable change in energy levels of electrons of the added atoms provided that concentration of the latter is small. The possibility is discussed of regrouping electrons in the atoms of Cu and Zn from 4_s to 4_p level causing a "swelling" of respective atoms. By raising the temperature, the lattice of aluminum expands and is able to accommodate the admixture atoms. But the K-edge shift could be explained alternatively as Zn and Cu atoms loosing their 4_s electrons altogether, as they do in their compounds. The loss of the screening effect of these electrons may lower the energy of the K level, shifting the K-edge toward shorter waves. The authors express their gratitude to M.N. Bryl and I.B. Staryy of the Pedinstitut of Odessa and S.A. Nemnonov from Sverdlovsk for their aid in spectrographic determinations. There are 3 figures, 4 tables and 12 references: 11 Soviet-bloc and 1 non-Soviet-bloc.

ASSOCIATION: Kyyivs'kyy ordena Lenina derzhavnyy universitet im. T.H. Shevchenko (Order of Lenin State University of Kiyev, im. T.H. Shevchenko)

SUBMITTED: June 17, 1960

Card 3/3

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

ACC NR: AP6009705 SOURCE CODE: UR/0181/66/008/003/[illegible]/09[illegible]

AUTHOR: Kuchnir, S. Kh.; Nikolayeva, L. G.

ORG: Institute of Physics AN UkrSSR, Kiev (Institut fiziki AN UkrSSR)

TITLE: Concerning the character of the damage produced in dislocation-free silicon when irradiated with fast neutrons

SOURCE: Fizika tverdogo tela, v. 8, no. 3, 1966, 9[illegible]-9[illegible]

TOPIC TAGS: neutron bombardment, silicon, crystal dislocation, radiation damage, crystal defect, crystal vacancy

ABSTRACT: In view of the high sensitivity of the method of thickness variation, based on the effect of anomalous passage of x-rays through a crystal, to the presence of different kinds of defects in a crystal, as described by G. N. Yefimov and A. M. Yelistratov (FTT v. 5, 2116, 1963 and elsewhere), the authors applied this method and observed that irradiation with a beam of fast neutrons ($\sim 10^{14}$ neut/cm^2) produces in dislocation-free silicon defects of the type of vacancy clusters, accompanied by elimination of previously existing defects from the remaining region of the crystal. The tests were made on n-type silicon with resistivity ~7 ohm-cm and dislocation density 1--2 cm^{-2}. The results show that such fast-neutron irradiation did not change the ratio R_i/T_i and left the plot of their logarithms linear (R_i = intensity of reflected beam, T_i = intensity of anomalously transmitted beam). The slope of the linear plot and its T_i-axis intersection were reduced by irradiation with a beam of

Card 1/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

ACC NR: AM6009705

fast neutrons of 1.4×10^{10} neut/cm^2 at 70C by 2.5% and 3.5% respectively, showing that irradiation has caused a partial clearing of the volume of the crystals of defects which previously existed in it. The results also show that the concentration of the small defects present in the volume of the crystal has decreased. The results thus serve as a check on the applicability of the method proposed by Yefimov and Yelistratov to investigations of irradiated silicon crystals. Orig. art. has: 1 figure and 2 formulas.

SUB CODE: 20/ SUBM DATE: 01Nov65/ ORIG REF: 006/ OTH REF: 001

Card 2/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

L 18133-66 EWT(1)/T IJP(c) GG

ACC NR: AP6007796 SOURCE CODE: UR/0185/66/011/002/0171/0176

AUTHOR: Konoshenko, I. D.; Muzalevs'kyy, Ye. O.—Muzalevskiy, Ye. O.; Rovna, A. I.—Rovnaya, A. I.; Galushka, O. P.—Galushka, A. P.; Shmatko, M. M.—Shmatko, O. G.; Nikolayeva, L. M.—Nikolayeva, L. G.

ORG: Institute of Physics, AN URSR, Kiev (Instytut fizyky AN URSR)

TITLE: Preparation of single CdS crystals and their structural and physical properties

SOURCE: Ukrayins'kyy fizychnyy zhurnal, v. 11, no. 2, 1966, 171-176

TOPIC TAGS: single crystal, crystal lattice, crystal property, x ray analysis, photoconductivity, crystal lattice defect

ABSTRACT: A procedure for obtaining large single crystals of CdS by the zone sublimation method is described. X-ray investigations of the defects in the structure of these crystals were carried out. It was shown that they are more perfect than those previously obtained (I. D. Konoshenko, V. I. Ust'yanov, same source, v. 5, no. 5, 1960). The electrophysical properties were analysed and the existence of a wide photoconductivity maximum was found. The depth of bedding and of trapping level concentrations were determined. On the basis of these investigations, it is possible to obtain purer single crystals of the A_2B_6 type compounds with an improved lattice by perfecting the technology. Orig. art. has: 6 figures. [Based on author's abstract.]

Card 1/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

TSINTSEVICH, Ye.P.; ALIMARIN, I.P.; NIKOLAYEVA, L.I.

Sorption of indium by ion-exchange resins from solutions containing hydrochloric acids. Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no.2:189-197 '59 (MIRA 13:3)

1. Kafedra analiticheskoy khimii Moskovskogo gosuniversiteta.
(Indium) (Hydrogen halides)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

S/135/61/000/004/010/012
A006/A101

AUTHORS: Andrianov, K. I., Supereko, O. D., Nikolayeva, L. I., Kudryavtsev, K. V. Yemel'yanenko, N. L., Engineers

TITLE: Ceramic Nozzles of the A-547r Semi-Automatic Machine for Welding in Carbon Dioxide

PERIODICAL: Svarochnoye proizvodstvo, 1961, No. 4, pp. 37 - 38

TEXT: Welding in carbon dioxide with consumable electrode is used at the Chelyabinsk Tractor Plant for joining tractor parts on the A-547r semi-automatic machine, where the gas flow is directed by a chromeplated brass nozzle (Fig. 1), placed on the rubber housing of the burner tip. The use of this nozzle presents however, a series of deficiencies, such as short-circuits of the welding current; sticking of metal splashings to the internal nozzle surface, and short service life of the nozzle. The laboratory of mineral ceramics at the Plant developed ceramic nozzles to replace the chrome-plated brass nozzles, prepared in a metallic mold by press-forming from a ceramic mass of 12 - 14% moisture. The components of the ceramic material were dried, crushed, screened, and mixed during 8 h. The material was then wetted with water to 28 - 30% for

Card 1/4

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

S/135/61/000/004/010/012
A006/A101

Ceramic Nozzles of the A-547r Semi-Automatic Machine for Welding in Carbon Dioxide

Talcum-chlorite containing nozzles were roasted according to graph 3. Tests performed with experimental ceramic nozzles proved satisfactory. The replacing of brass nozzles by the new ceramic ones presents the following advantages: the possibility of a contact between the nozzle and the part to be welded is excluded the durability of nozzles is raised by a factor of 14 - 16; scare chrome-plated brass is replaced by cheap ceramic material; labor consuming processes of manufacturing the nozzles are substituted by advanced press forming methods, eliminating subsequent mechanical treatment; the time of exchanging and cleaning the nozzles from metal splashings is considerably reduced. There are 1 table and 4 figures.

ASSOCIATION: Chelyabinskiy traktornyy zavod (Chelyabinsk Tractor Plant)

Card 3/4

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAEVA, L. I.

NIKOLAEVA, L. I. i ORLOV, I. P.

25861

Faktory, uliyaushchie na poteri pitatel'nykh veshchestv vo vremya sushki trav.
Sov. zootekhniya, 1949. No. 4. s. 82-85.

SO: Letopis' No. 34

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, L. I.

Feeding and Feeding Stuffs

Digestibility of hay and silage from various plants. Korm. baza 4 No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, L.I., kandidat sel'skokhozyaystvennykh nauk.

Nutritiousness of ear corn silage harvested different stages of ripeness. Dokl. Akad. sel'khoz. 22 no.2:8-14 '57. (MIRA 10:5)

1. Predstavlena akademikom I. S. Popovym. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov imeni V. R. Vil'yamsa.
(Corn (Maize)) (Ensilage)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

L 44187-66 EWT(m)/EWP(j)/T IJP(c) WW/RM

ACC NR: AP6013278 (A) SOURCE CODE: UR/0413/66/000/008/0079/0079

17
B

INVENTOR: Zalomayev, Yu. L.; Loshkin, V. Ye.; Nikolayeva, L. I.; Konushkina, K. A.

ORG: none

TITLE: Preparation of foam polyurethanes. Class 39, No. 180794

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 8, 1966, 79

TOPIC TAGS: polyurethane, foam polyurethane, methacrylic acid

ABSTRACT: This Author Certificate introduces a method for preparing foam polyurethanes from hydroxyl-containing compounds, polyisocyanates, and water in the presence of a catalyst. The use of copolymers of salts of unsaturated dicarboxylic acids with methacrylic acid, such as the copolymer of methacrylic acid with potassium maleate, is suggested to increase the variety of catalysts. [LD]

SUB CODE: 11/07 SUBM DATE: 16Feb65/

Card 1/1 afm

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

RAFAL'SON, D.I.; VEYKHER, Z.F.; ROZANOVA, L.M.; NIKOLAYEVA, L.K.; KOTOCSHCHIKOVA, M.A.; IVANOVA, N.M.

Effect of taking small and moderate doses of bone marrow on the body of the donor. Report No.1: Effect of taking bone marrow on hemopoiesis. Probl. gemat. i perel. krovi no.10: 29-35 '63 (MIRA 18:1)

1. Iz Leningradskogo ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skogo instituta perelivaniya krovi (dir. dotsent A.D. Belyakov).

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, L.M.

Ross Shelf Ice, its nature and conditions of formation. Probl. Sev. no.1:303-317 '58. (MIRA 11:12)

1. Institut geografii AN SSSR.
(Ross Shelf Ice)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, Lidiya Pavlovna

About the Participation of Primary Products or Physiological Disintegration of Sugar in Formation (purinovykh) Combination in an Organism

Dissertation for candidate of a Medical Science degree. Chair of Biological Chemistry, (Head, Prof. N.N. Ivanovskiy), Saratov Medical Institute, 1943

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, L. P.

"NIKOLAYEVA, L. P. "On the combustion of the primary products of the physiological decomposition of sugar with urea under 'soft' conditions", Trudy Saratovsk. gos. med. in-ta, V.1. VI, 19[illegible], p. 33[illegible]40

So: U-4631, 19 Sept. 53, (Letopis 'Zhurnal' nykh Statey, No. 2[illegible], 1949).

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

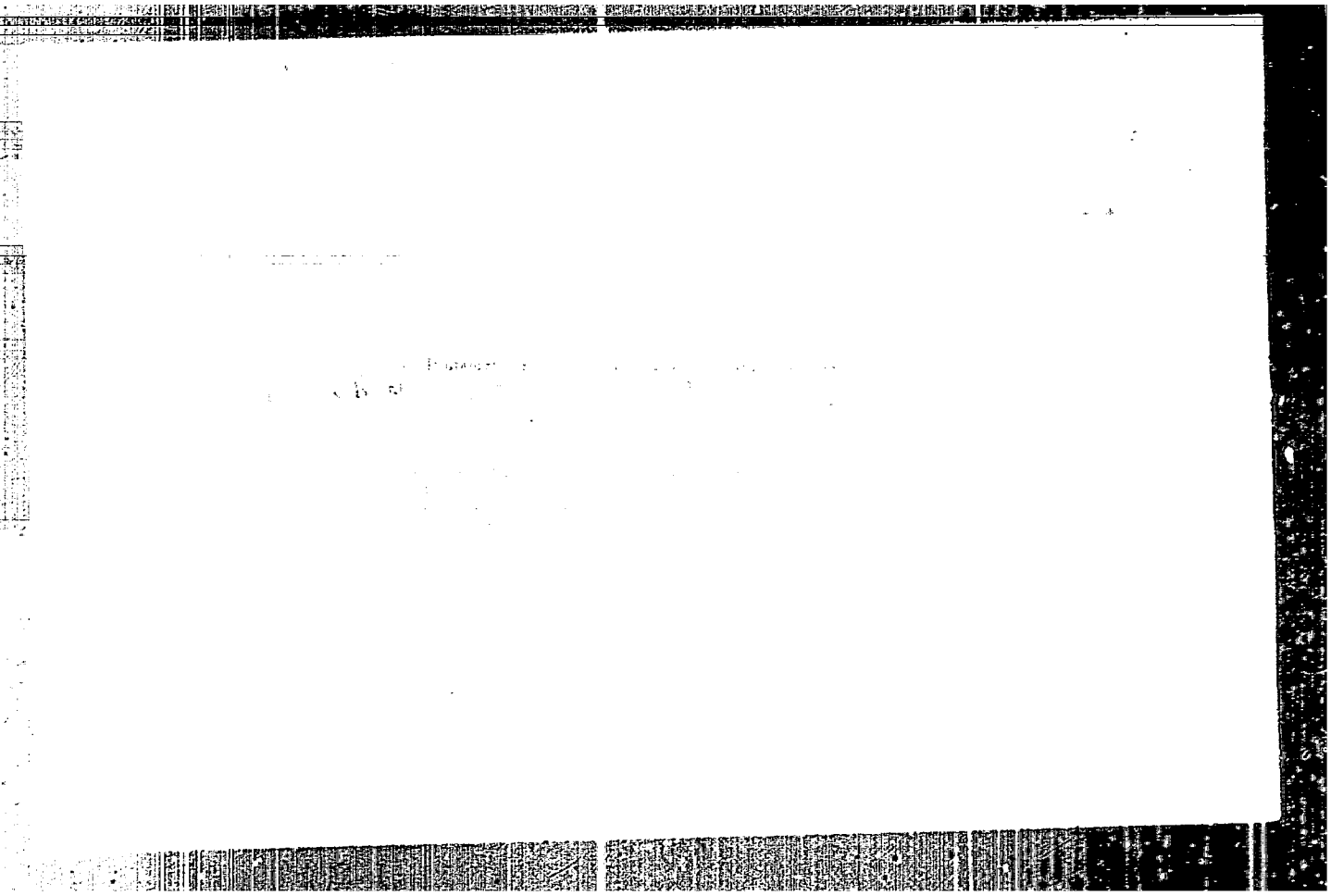
ANDRYUSHCHKINA, A.V.; NIKOLAYEVA, L.P.

Effect of water from the Solnelevogorskiy spring on the activity of certain enzyme of the gastro-intestinal tract. Klin.med., Moskva 29 no.5:89 May 1951. (CLML 20:9)

1. Of the Department of Biological Chemistry (Head--Prof. N.N. Ivanovskiy), Saratov Medical Institute, Saratov.

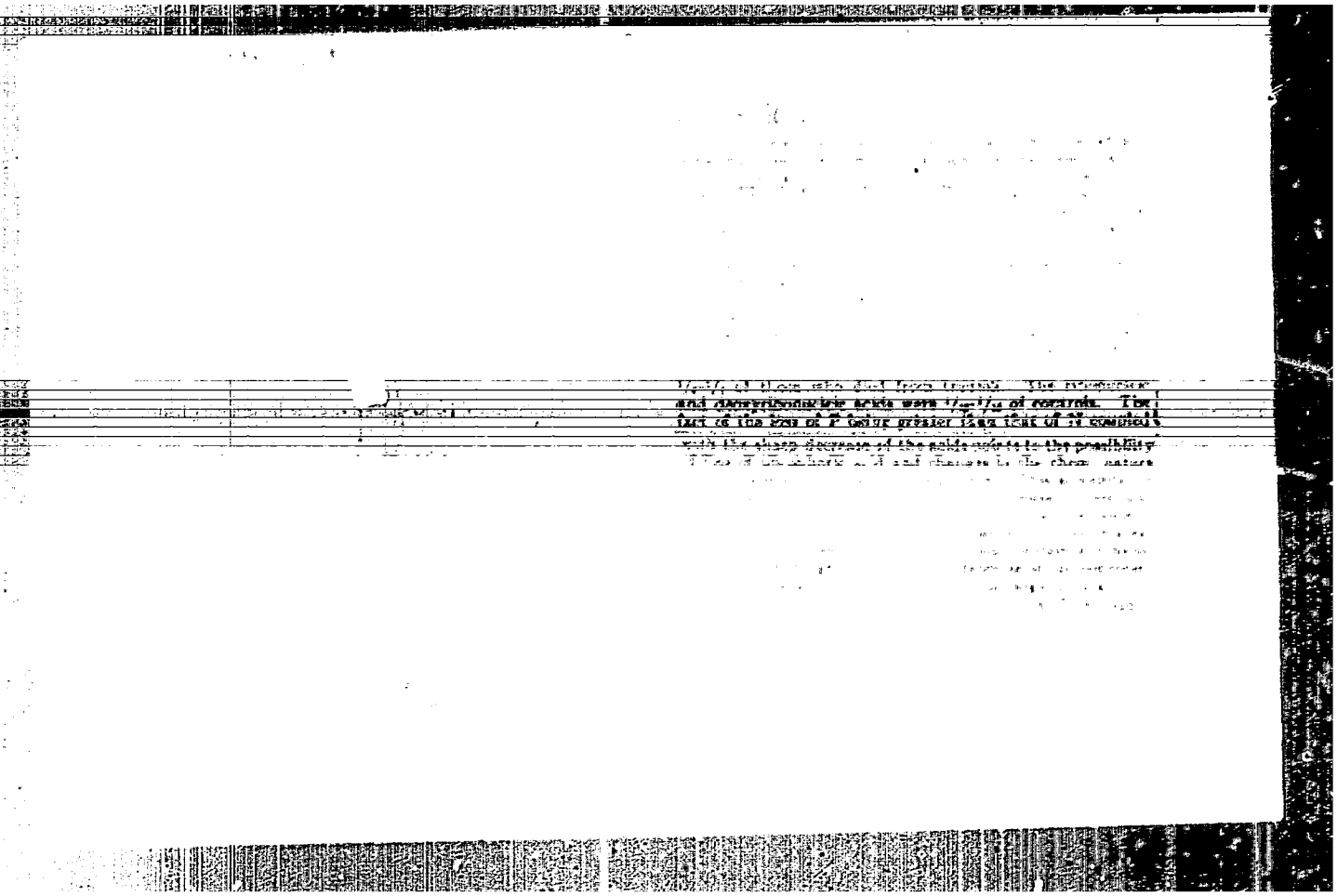
APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0



APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0



APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

AMBRYUSHCHKINA, A.V.; NIKOLAYEVA, L.P.

Problem of metabolism of nucleoproteins and of nucleic acids in Botkin's disease. Biul.eksp.biol. i med. 42 no.10:25-27 O '56. (MLRA 9:12)

1. Iz kafedry biologicheskoy khimii (zav. kafedroy - prof. N.N. Ivanovskiy) Saratovskogo gosudarstvennogo meditsinskogo instituta

(HEPATITIS, INFECTIOUS, metabolism,
nucleic acids & nucleoproteins (Rus))
(NUCLEIC ACIDS, metabolism,
in hepatitis, infect. (Rus))
(NUCLEOPROTEINS, metabolism,
in hepatitis, infect. (Rus))

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, L.P.; ARKHIPCHENKOVA, A.V.

Metabolism of mucoloproteins and nucleic acids in the S- and R-forms of some types of micro-organisms. Trudy Ser. gos. ord. inst. 26:233-237 '59. (MIRA 14:2)

1. Saratovskiy meditsinskiy institut, kafedra biologicheskoy khimii (zav.-prof. S.E. Ivanovskiy).
(NUCLEOPROTEINS) (NUCLEIC ACIDS) (SARCINA LUTEA)
(ESCHERICHIA COLI) (STAPHYLOCOCCUS)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

POSTNOV, Yu.V.; NIKOLAYEVA, L.P. (Ryazan')

Nodular nonsuppurative panniculitis (Weber-Christian disease). Arkh.pat. no.11:78-82 '61. (MIRA 14:10)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. V.K. Maletskiy) i kafedry kozhnykh i venericheskikh bolezney (zav. - prof. A.L. Yurasov) Ryazanskogo meditsinskogo instituta imeni akad. I.P. Pavlova.
(ADIPOSE TISSUE--DISEASES)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, L. P.

NIKOLAYEVA, L. P.: "Oak forests of the 'downy' oak ('gruzdey') in the Moldavian SSR". Leningrad, 1955. Acad Sci USSR. Botany Inst imeni V. L. Komarov. Botanical Garden, Moldavian Affiliate, Acad Sci USSR. (Dissertations for the Degree of Candidate of Biological Sciences.)

So: Knizhnaya letopis' No. 49, 3 December 1955. Moscow.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

GEYDEMAN, T.S.; NIKOLAYEVA, L.P.

Characteristics of Moldavian flora and vegetation, their state and protection. Okhr. prir. Mold. no.2:20-26 '61. (MIRA 15:8)
(Moldavia—Botany)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, L.P.

[Durmast oak-dominant woods of the Moldavian S.S.R.] Dubravy iz pushistogo duba Moldavskoi SSR. Kishinev, Kartia Moldoveniaske, 1963. 165 p. (MIRA 17:9)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, L.V.

SLEZINA, M.P.; VOLKOVA, L.S.; NIKOLAYEVA, L.V.; GAYLOV, M.P., red.; SMIRNOVA, M.I., tekhn.red.; [illegible], T.A., tekhn.red.

[Teaching arithmetic in preparatory classes and first grade of schools for the deaf; based on practical experience] Obuchenie arifmetike v prigotovitel'nom i pervom klassakh shkol glukhonemykh; iz opyta raboty. Moskva, Gos.uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1957. 149 p. (MIRA 11:2)
(Arithmetic—Study and teaching)
(Deaf—Education)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, L.V.

[illegible], K.Ya., kandidat meditsinskikh nauk; NIKOLAYEVA, L.V.

State of endocrine system in pulmonary tuberculous patients. Probl. tub. 35 no.1:33-37 '57. (MIRA 10:6)

1. Iz otdeleniya IV Upravleniya Ministerstva zdravookhraneniya SSSR (nauchnyy rukovoditel' - prof. A.Ye.Rabukhin).
(TUBERCULOSIS, PULMONARY, physiol.
adrenal glands, gonads & pituitary gland funct. (Rus))
(ADRENAL GLANDS, in various dis.
tuberc., pulm. (Rus))
(GONADS, in various dis.
same)
(PITUITARY GLAND, in various dis.
same)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

KONDRASHOVA, M.N.; Prinimali uchastiye: NIKOLAYEVA, L.N.; SOKOLOVA, N.V.; SLEV, D.M.; TIMOFEYEVA, L.M.

Effect of K-strophantin on phosphorylation and respiration of sarcosomes. Vop. med. Khim. 9 no. 3:277-279 My-Je '63. (MIRA 17:9)

1. Institut farmakologii i khimioterapii AMN SSSR i kafedra biokhimii zhivotnykh Moskovskogo gosudarstvennogo universiteta imeni Lomonosova.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

SEVERIN, S.Ye.; KONDRASHOVA, M.N.; NIKOLAIEVA, L.V.

ADP-like effect of k-strophanthin on sarcosome respiration.
Vop. med. Khim. 9 no. 3:319-321 My-Je '63. (MIRA 17:9)

1. Institut farmakologii i khimioterapii AMN SSSR i kafedra biokhimii zhivotnykh Moskovskogo gosudarstvennogo universiteta imeni Lomonosova.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

KONTRASHOVA, M.N.; NIKOLAYEVA, L.V.

Effect of strophanthin on respiration as a function of the state of the respiratory process. Dokl. AN SSSR 161 no.1: 233-236 Mr '65. (MIRA 18:3)

1. Moskovskiy gosudarstvennyy universitet i Institut farmakologii AMN SSSR. Submitted June 10, 1964.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

MEISTER, T.G.; NIKOLAYEVA, L.Ya.

Electronic absorption spectra of nitrosamine solutions in acids. (MIRA 15:8)
Opt. i spektr. 12 no.1:142-143 Ja '62.
(Amines—Spectra)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, M.

Let's train personnel for the chemical industry. Prof.-tekh. obr. 21 no. 4:27 Ap '64. (MIRA 17:5)

1. Starshiy insh.po tekhnicheskoy uchebe Voskresenskogo khimicheskogo kombinata.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAIEVA, M.A. (Moskva)

The clothiers of Moscow struggle for a high-quality production.
Shvein.prom. no.4:4-7 Jl-Ag '63. (MIRA 16:9)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

SHILOV, I.A.; NIKOLAYEVA, M.B.

Thermoregulation in the postnatal development of larval birds. Ornitologiia no.6:451-455 '63. (MIRA 17:6)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, O. M.; NIKOLAYEVA, M. D.

Development of phytoplankton and chemical composition of waters in Irkutsk Reservoir during the years of its formation (1957-1958). Nauch. dokl. vys. shkoly; biol. nauki no.3:101-104 '62. (MIRA 15:7)

1. Rekomendovana kafedroi obshchey khimii i ekologii bespozvonochnykh Irkutskogo gosudarstvennogo universiteta im. A. A. Zhdanova.

(IRKUTSK RESERVOIR--PHYTOPLANKTON)
(IRKUTSK RESERVOIR--WATER--COMPOSITION)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

[redacted]

Hydrochemistry of Irkutsk Reservoir. Trudy Lim. Inst. 11:17-40 '64. (MIRA 18:11)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, K.F., kandidat meditsinskikh nauk

Fibrous structure of the peritoneum of the Fallopian tubes. Akush. i gin. no.3:10-14 My-Je '54. (MLRA 7:8)

1. Iz kafedry akusherstva i ginekologii (zav. prof. I.B.Levit) Ivanovskogo meditsinskogo instituta.
(FALLOPIAN TUBES, anatomy and histology,
*fibrous structure of peritoneum of fallopian tubes)
(PERITONEUM, anatomy and histology,
*fibrous structure of peritoneum of fallopian tubes)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, N. F.

USSR/Medicine - Tissue Therapy Sep-Oct 53

"Tissue Therapy in the Treatment of Gynecological Diseases," Cand. Med. Sci N.F. Nikolayeva, Chair of Obstet and Gynecol, Ivanovo Med Inst and Ivanovo Oblfiid 3rd Maternity Home

Akusher i Ginekol, No 5, pp 63-65

Treatment by means of "biogenic stimulants" has found wide application in a large number of diseases, including those of gynecological origin. V.P. Filatov pointed out that highly active substances are produced in those tissues that are preserved at low temperature; these special substances act as stimulants and regulators of biochemical and biophysical processes. Expts on dogs confirmed the therapeutic effects of tissue transplants, extracts, and other substances used for non-specific stimulation therapy; these substances produce protective inhibition in the cortex of the brain, ameliorating the course of pathogenic processes. Tissue therapy is more effective if it is reported to without delay; better results are observed in younger patients.

260739

260739

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, M. G.

NIKOLAYEVA, M. G. -- "Changes in Nitrogen Metabolism in Patients with Cancerous Disease under the Influence of Parenteral and Perrectal Administration of Protein Preparations." Khar'kov Medical Inst. Khar'kov, 1955. (Dissertation for the Degree of Candidate of Medical Sciences.)

SO: Knizhnaya letopis', No. 4, Moscow, 1956

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

IVANOV, N.E., inzh.; NIKOLAYEVA, M.G., inzh.

"Plastic-type mortars and concretes made with gypsum polymers." Biul. tekh. inform. po stroi. 5 no.4:23-24 Ap '59. (MIRA 12:8)

(Plastics) (Concrete) (Mortar)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, M.G.; DALETSKAYA, T.V.

Study of the physiologically active substances of dormant seeds.
Trudy Bot. inst. Ser. 4 no.16:49-63 '63. (MIRA 17:2)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

L 17965-63 EWT(1)/EWT(m)/BDS/ES(1) AFTC/ASD/ESD AR/R
ACCESSION NR: AT3002360 S/2930/62/000/000/0029/0035

AUTHOR: Pastyuchenko, O. V.(Kharkov); Popova, L. Ya.(Kharkov); Nikolayeva, M. G.(Kharkov)

TITLE: Early changes in blood serum protein composition in acute radiation sickness

SOURCE: K voprosam rannoy diagnostiki ostroy luchevoy bolezni; sbornik nauchnykh rabot. Kiev, Medgiz USSR, 1962, 29-35

TOPIC TAGS: blood serum, X-irradiation, general protein content, protein fraction, albumin, globulin subfraction

ABSTRACT: Lack of systematic observations on changes in blood serum total protein quantity and in protein fractions shortly after single total radiation exposure prompted this study. White rats were X-irradiated (RUM-3M unit, 28.5-32.0 r/min) in single doses ranging from 150 to 1200 r and tests were made 1, 24, 48, and 72 hrs after irradiation. Blood serum protein was determined by a micromethod and protein fractions were determined by electrophoresis on paper. In the first hour after irradiation for 150 to 1200 r the total protein content of the blood serum decreases. After 24, 48, and 72 hrs the total protein content in the blood serum grows proportionally to the

Card 1/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

L 17565-63
ACCESSION NR: AT3002350

irradiation dose and time elapsed after exposure. Albumin content decreases and globulin content increases in all the serums shortly after exposure to X-irradiation regardless of dosage. Changes in the albumin-globulin coefficient value are similar to changes in albumin content under the same conditions. Increase in the globulin fraction is accompanied by increases in all its separate subfractions (alpha, beta, and gamma). The nature of the alpha-globulin changes coincides most of all with changes in the entire globulin fractions. Increase in globulins after irradiation can be considered as a natural protective reaction of the organism. Orig. art. has: 2 figures, 1 table.

ASSOCIATION: None

SUBMITTED: 00 DATE ACQ: 28May63 ENCL: 00

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

Card 2/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

L 17562-63 EWT(1)/EWT(m)/BDS/ES(j) AMD/APFTC/ASD AR/K

ACCESSION NR: AT3002363 S/2930/62/000/000/0054/0061

AUTHOR: Pastyuchenko, O. V.(Kharkov); Popova, L. Ya.(Kharkov); Nikolayeva, M. G.(Kharkov)

TITLE: Early changes in spleen and marrow nucleic acid contents in acute radiation sickness 14

SOURCE: K voprosam rannoy diagnostiki ostroy luchevoy bolezni; sbornik nauchnuky rabot. Kiev, Medgiz USSR, 1962, 54-61

TOPIC TAGS: acute radiation sickness, nucleic acid , spleen, marrow, DNA, RNA, X-irradiation

ABSTRACT: Spleen and marrow of white rats were X-irradiated (RUM-3 unit, 28.5-32.0 r/min) with single doses ranging from 150 to 1200 r and tests were made 1, 24, 48, and 72 hrs after exposure to determine nucleic acid changes. Nucleic acids were separated from the tissues by Schmidt's and Tangauzer's fractionation method. It was found that 1 to 72 hrs after irradiation the nucleic acids decrease in the spleen and marrow for all radiation doses. The sharpest decrease in nucleic acids in the spleen and marrow appears 24 hrs after irradiation with maximal RNA changes for 300, 450, and 1050 r and maximal DNA changes

Card 1/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

ARNAUTOV, A.K.; BURSHTEYN, Sh.A.; GENES, V.S.; KOGAN, I.K.; MAMATYUK, Ye.M.; LITVINENKO, A.S.; MOSKALENKO, I.P.; NIKOLAYEVA, M.G.; PISKAREVA, Ye.V.; POPOVA, L.Ya.; SMIRNOV, L.I.; SIDYAKIN, V.V.; TKACH, V.K.; FASTUCHENKO, O.V.; FISUN, A.M.; FRENKEL', L.A.; TSYBENKO, N.A.; SHRAMENKO, B.I.

Comparative study on the effect of X rays (197 kv) and braking radiation generated with linear accelerator (3 Mev) upon animals. Radiobiologiia 2 no.2:211-215 '62. (MIRA 15:4)

1. Khar'kovskiy institut meditsinskoy radiologii i Ukrainskoy fiziko-tekhnicheskiy institut AN USSR, Khar'kov.
(RADIATION--PHYSIOLOGICAL EFFECT)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

ARNAUTOV, A. K.; BURSHTEYN, S. A.; GENES, V. S.; DZHAFAROV, G. K.; KOGAN, I. A.; MAMOTYUK, Ye. M.; NIKOLAYEVA, M. G.; PISKAREVA, Ye. V.; POPOVA, L. Y.; TKACH, V. K.; PASTYUCHENKO, O. V.; FRENKEL', L. A.; TSYBENKO, P. A.

Characteristics of some early reactions of rats, irradiated with various doses, to burning by flame. Radiobiologiia 2 no.3: 406-413 '62. (MIRA 15:7)

1. Institut meditsinskoy radiologii, Khar'kov.

(X RAYS—PHYSIOLOGICAL EFFECT)
(BURNS AND SCALDS)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, M. G.

Nikolayeva, M. G. "On the biology of seed germination of some species of Ferula L," Trudy Botan. in-ta im. Komarova, Eksperim. botanika, Issue 6, 1948, p. 218-28 - Bibliog: 19 items

SO: U-3264, 10 April 53, (Letopis 'Zhurnal 'nykh Statey, No. 4, 1949).

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, M. G.

Nikolayeva, M. G. "Dependence of seed germination of some of the carrot family on the condition of seed pod covers," (for example the Ferula species), Trudy Botan. in-ta im. Komarova, Eksperim. botanika, Issue 6, 1948, p. 229-41 - Bibliog: 18 items

SO: U-3264, 10 April 53, (Letopis 'Zhurnal 'nykh Statey, No. 4, 1949).

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

USSR/Biology - Cotton-Pests, Insects 1 Mar 50
Trees

"Sprouting of the Seed Embryo of the European Spindle Tree (Evonymus)" N. G. Nikolayeva

"Dok Ak Nauk SSSR Vol LXII, No 1, pp 173-176

Investigates type and degree of sprouting and time required for sprouting of 0-10° and 15-20° when seeds are freshly picked, as compared with behavior when they have been dry stored for varying periods. Finds dehydration period to affect favorably the rate and amount of sprouting. Work is of interest

PA 16579

16579

USSR/Biology - Cotton-Pests, Insects 1 Mar 50
(Contd)

in connection with planting of European Euonymus as potential source of domestic cotton-pests in USSR. Includes two tables. Submitted 31 Dec 49 by Acad T. A. Rikhter.

16579

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

[redacted], N. G.

Germination

Causes of inactivity in seeds of the ash-leaved maple, drooping maple, and purple barberry. Trudy Bot. inst. AN SSR. Eksp. bot., No. 8, 1951.

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

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, M.G.

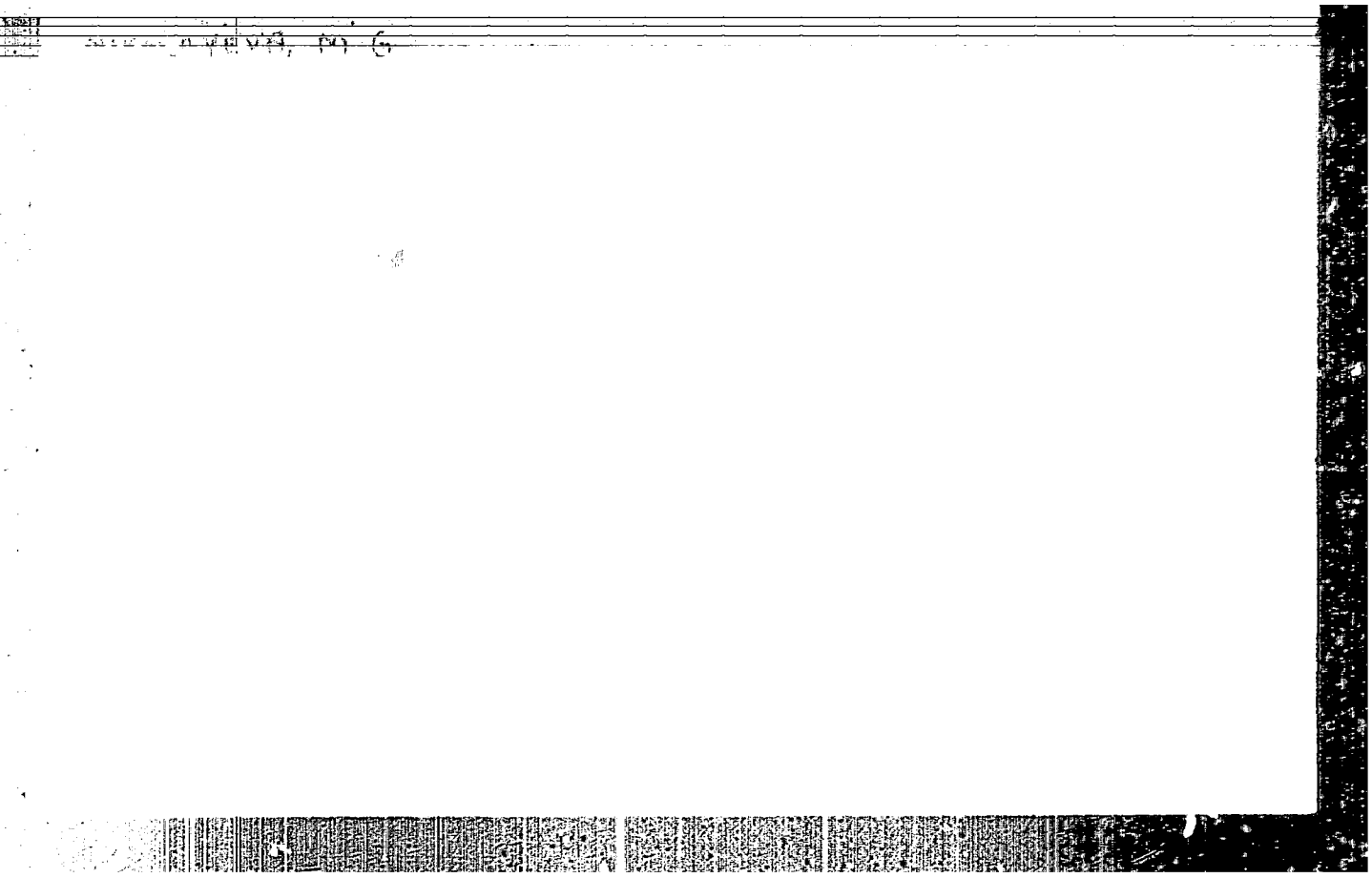
Biology of the germination of spindle tree seeds in connection with specific characteristics and geographic origin. Bot.zhur. 41 no.3:393-403 Mr '56. (MLRA 9:8)

1. Botanicheskiy institut imeni V.L. Komarova Akademii nauk SSSR, Leningrad.

(Spindle tree)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0



APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, M.G.

Biology of the germination of ash(Fraxinus) seeds as related to its systematic position and distribution of species. Bot. zhur. 43 no. 5:679-683 My '58. (MIRA 11:7)

1. Botanicheskiy institut im. V.L.Komarova Akademii nauk SSSR, Leningrad.
(Ash(Tree))
(Germination)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, M.G.

Biology of the germination of spindle-tree seeds. Trudy Bot.inst.Ser. 4 no.13:198-235 '59. (MIRA 13:3)
(Spindle tree) (Germination)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, M.G.; KOZLOVA, L.K.; TUDIN, V.G.

Study of secondary dormancy in seeds. Trudy Bot. inst. Ser.4 no.14:138-166 '60. (MIRA 14:3)
(Seeds) (Dormancy in plants)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, M.G., i KATKEVICH, Yu.Yu.

Studying the effect of temperature on the respiration of dormant seeds. Fiziol. rast. 8 no.1:42-50 '61. (MIRA 14:3)

1. V. L. Komarov Botanical Institute, U.S.S.R. Academy of Sciences, Leningrad.
(Seeds) (Plants—Respiration)
(Plants, Effect of temperature on)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, M.G.; KOZLOVA, L.M.; YUDIN, V.G.

Materials on the effect of plant growth conditions on the depth of dormancy in seeds. Trudy Bot. inst. Ser. 4 no.15:133-147 '62. (MIRA 15:7)

(Seeds) (Dormancy in plants)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, M.G.

Role of gibberellin in disturbing the dormancy of seeds. Bot. zhur. 47 no.12:1823-1835 D '62. (MIRA 16:6)

1. Botanicheskiy institut imeni V.L.Komarova AN SSSR, Leningrad.
(Gibberellin) (Dormancy in plants)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAYEVA, M.G.; YUDIN, V.G.

Effect of gibberellin on the germination of seeds of woody plants. Dokl. AN SSSR 150 no.3:686-689 My '63.
(MIRA 16:6)

1. Botanicheskiy institut im. V.L. Komarova AN SSSR. Predstavleno akademikom A.L. Kursanovym.
(Gibberellin) (Woody plants)
(Germination)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

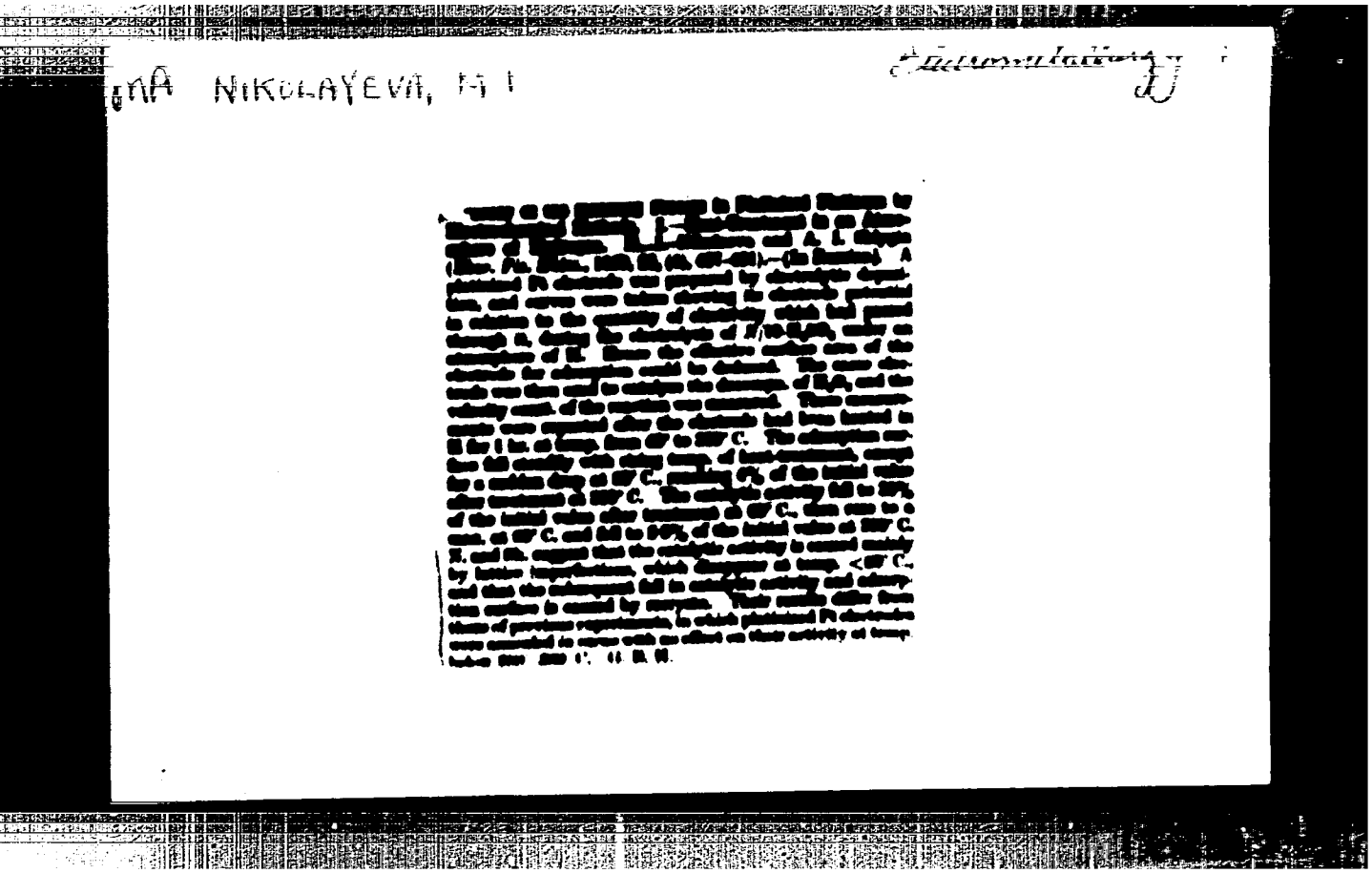
NIKOLAYEVA, M.G.; YUDIN, V.G.; [illegible]-VECHTOMOVA, [illegible].I.; TSAR'KOVA, V.A.

Nature of the secondary dormancy of tree seeds. Bot. zhur. 49 no.12:1706-1724 D '64 (MIRA 18:2)

1. Botanicheskiy institut imeni Komarova AN SSSR, Leningrad.

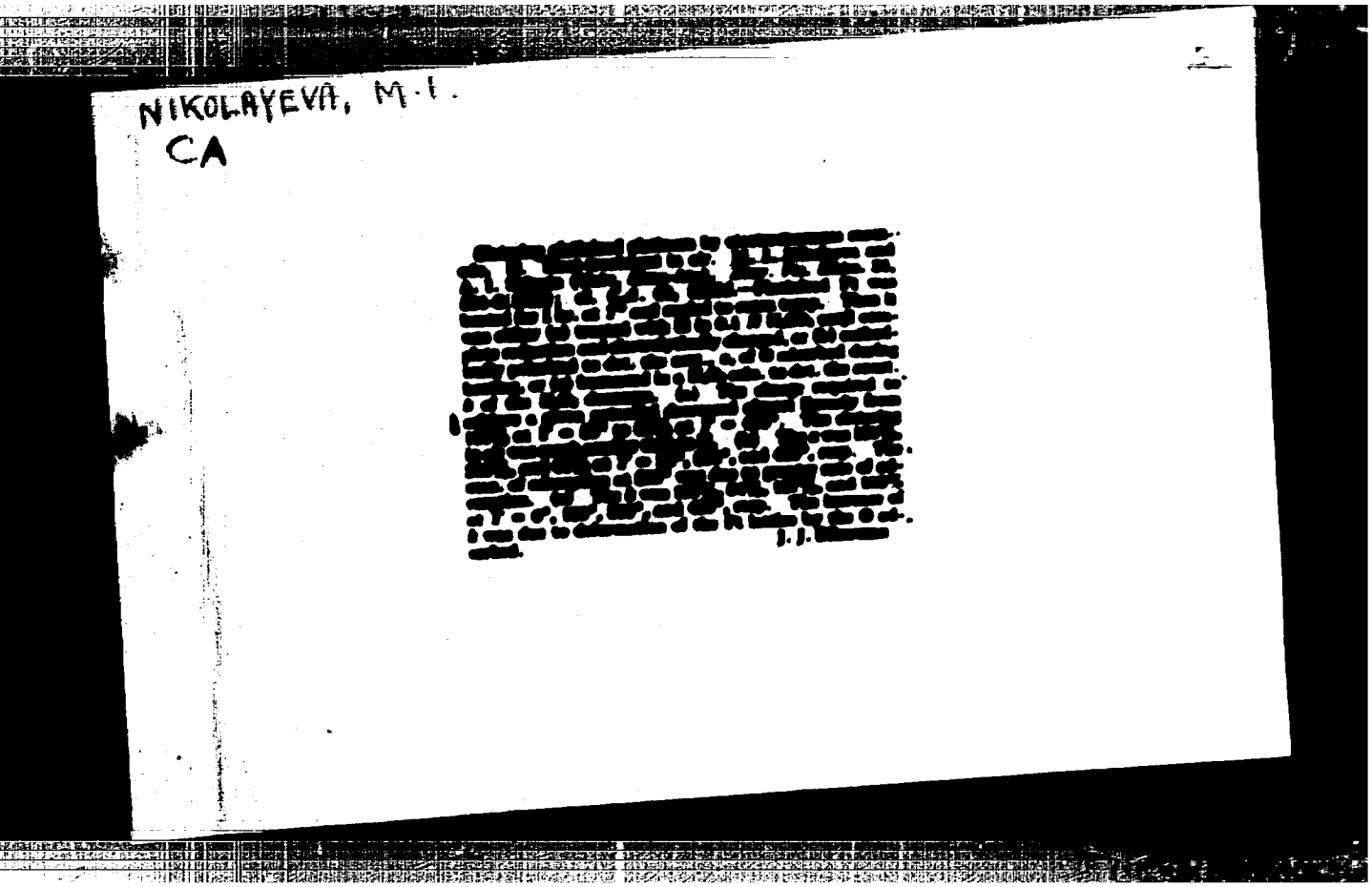
APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0



APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0



APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

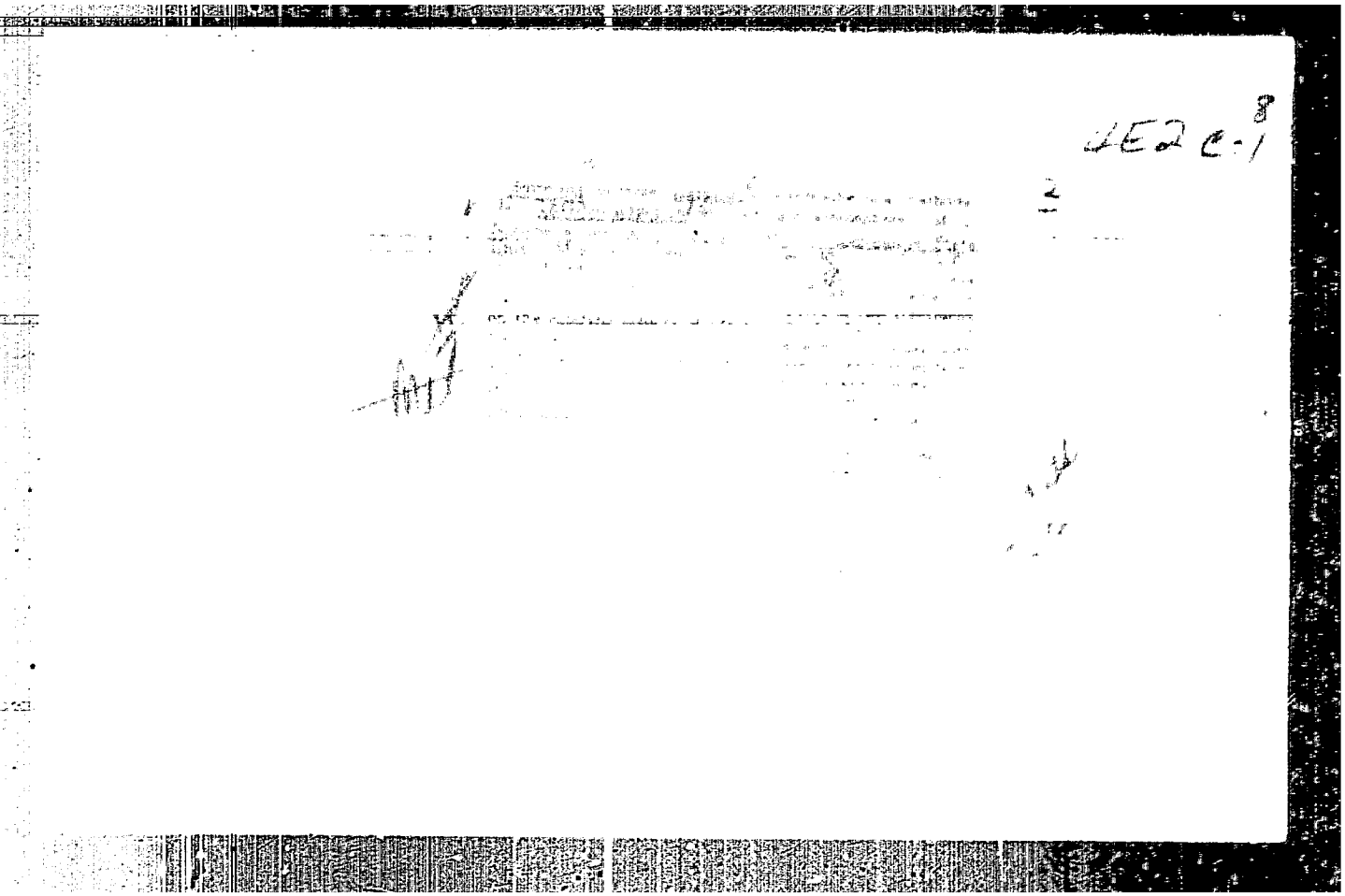
SMIRNITSKAYA, N.N.; NIKOLAYEVA, V.I.

Changes in the arterial pressure and electrocardiogram in exchange blood transfusions. Probl. gemat. i perel. krovi 9 no.8:42-44 Ag '64. (MIRA 18:3)

1. Otdeleniye posttransfuzionnykh oslozhneniy TSentral'nogo ordena Len.na instituta gematologii i pereliyaniya krovi (dir. - dotsent A.Ye. Kiselev), Moskva.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0



APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

BORISOGLEBSKIY, Petr Vasil'yevich; DMOKHOVSKAYA, Lidiya Fedorovna; LARIONOV, Vladimir Petrovich; PANTAL', Yuriy Stanislavovich; RAZEVIG, Daniil Vsevolodovich, prof.; RYABKOVA, Yelena Yakovlevna; DOLGINOV, A.I., retsenzent; FERTIK, S.M., retsenzent; NIKOLAYEVA, M.I., red.; BORUNOV, N.I., tekhn. red.

[High-voltage engineering] Tekhnika vysokikh napriazhenii. [By] P.V.Borisoglebskii i dr. Moskva, Gosenergoizdat, 1963. 471 p. (MIRA 17:3)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

MEL'NIKOV, Nikolay Aleksandrovich; KOKOTYAN, Sergey Sergeyevich; SHERENTSIS, Arnol'd Naumovich; NIKOLAYEVA, M.I., red.; MUL'DIAYEV, N.A., tekhn. red.

[Design of the electrical section of 330-500 kv. overhead power transmission lines] Proektirovanie elektricheskoi chasti vozdushnykh linii elektroperedachi 330-500 kv. Moskva, Gosenergoizdat, 1963. 559 p. (MIRA 17:4)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

OSADCHIY, Nikolay Petrovich; NIKOLAYEVA, M.I., red.

[Historical study of the development of long-distance electric power transmission systems] Istoricheskii ocherk razvitiia peredachi elektricheskoi energii na rasstoianie. Moskva, Izd-vo "Energiia," 1964. 94 p. (MIRA 17:4)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

ALYAKRITSKIY, Ivan Pavlovich; MANDRYKIN, Sergey Andreyevich; NIKOLAYEVA, M.I., red.

[Drying of electrical machines and transformers] Sushka elektricheskikh mashin i transformatorov. Moskva, Energiia, 1964. 86 p. (Biblioteka elektromontera, no.144) (MIRA 17:12)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

GRUZDEV, Igor' Aleksandrovich; KAGANSKAYA, Kira Fanteleymonovna; KUCHMOV, Leonid Aleksandrovich; LUGINSKIY, Yakov Matanovich; PORTNOY, Marlen Gdalevich; SOKOLOV, Nikolay Ivanovich; NIKOLAYEVA, M.I., red.

[Use of analog computers in electric power systems; methods for study'ng transient processes] Primenenie analogovykh vychislitel'nykh mashin v energeticheskikh sistemakh; metody issledovanii perekhodnykh protsessov. [By] I.A.Gruzdev i dr. Moskva, Energiia, 1964. 407 p. (MIRA 18:2)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NEKRASOV, A.M., red.; ROKOTYAN, S.S., red.; NIKOLAYEVA, M.I., red.

[500 Kv. long-distance power transmission lines] Dal'nie elektroperedachi 500 kv.; sbornik statei. Moskva, Izd-vo "Energiia," 1964. 389 p. (MIRA 17:5)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

KARIMOV, Kh.Kh.; NIKOLAYEVA, M.I.

Discovery of glucofructosans in Allium oschaninii O. and Eremurus olgae Rgl. Dokl. AN Tadzh. SSR 6 no.3:34-36 '63. (MIRA 17:4)

1. Otdel fiziologii i biofiziki rasteniy AN Tadzhikskoy SSR. Predstavleno akademikom Tadzhikskoy SSR K.T.Porokhinym.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

BARZAM, Anatoliy Bentsionovich; NIKOLAYEVA, N.I., red.

[Systems automation] Sistemnaia avtomatika. Izd.2., pe-
rer. Moskva, Izd-vo "Energiia," 1964. 367 p.
(MIRA 17:8)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0

NIKOLAIEVA, M. I.

Fungous infections of sainfoin seeds and their control. Trudy VUU no.3:55-67 '58. (MIRA 13:8)
(Sainfoin--Diseases and pests)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001137120006-0"