J

Country : USSR
Category: Soil Science. Mineral Fertilizers

Abs Jour: RZhBiol , No 14, 1958, No 63068

the hay of oats sown on black fallow as a cover crop of wheat lucerne grass mixture. Under these conditions the mineral fertilizers were more effective than the organic fertilizers The largest yield increase was obtained using the variety N45 P45; 31% above the control. -- V.D Astaf'yeva

Card : 2/2

J-31

SHKOL'NIK, M.Ya.; CHIRKOVA, T.V.

Effect of boron, zinc, and molybdenum on growth, development, carbohydrate metabolism, photosynthesis and the trend of oxidation-reduction processes in the ontogenesis of corn. Trudy Bot. inst. Ser. 4 no.12:169-192 '58. (MIRA 11:7)
(Corn (Maize)) (Plants, Effect of minerals on)

CHIRKOVA, T. V.

Respiration of plant roots under the conditions of different aeration. Vest. LGU 19 no.9:127-130 '64. (MIRA 17:7)

CHIRKOVA, T.V.; SOLDATENKOV, S.V.

Channels of oxygen conduction from leaves to roots kept under anaerobic conditions. Fiziol. rast. 12 no.2:216-225 Mr-Ap '65. (MIRA 18:6)

1. Kafedra fiziologii i biokhimii rasteniy Leningradskogo ordena Lenina gosudarstvennogo universiteta imeni Zhdanova.

KUSAKOV, M.M.; KOSHEVNIK, A.Yu.; NEKRASOV, D.N.; CHIRKOVA, V.F.; SHUL'PINA, L.M.

Thermal diffusion fractionation of polymer solutions. Dokl. AN SSSR 158 no.5:1152-1154 O '64. (MIRA 17:10)

1. Institut neftekhimicheskogo sinteza im. A.V.Topchiyeva AN SSSR. Predstavleno akademikom V.A.Kerginym.

Q-3

USSR / Farm Animals. Sheep and Goats.

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 45221

Author : Chirkova, V. P.
Inst : Not given
Title : The Innervation of the Salivary Glands in Sheep and Goats.

Orig Pub : Tr. Novocherkasskogo zootekhn.-vet. in-ta, 1957, vyp. 10, 163-167

Abstract : It was established through the anatomical preparation that the parotid gland receives the post-ganglionic nerve fibers from the auricular ganglion situated in the oval opening of the sphenoid bone. The fibers enter the gland by its duct via the facial (not auriculotemporal) nerve. The submaxillary and sublingual glands receive postganglionic fibers from the submaxillary ganglion situated on the lateral surface of the styloglossus muscle.

Card 1/1

CHIRKOVA, V. P.: Master Biol Sci (diss) -- "The innervation of the salivary glands of sheep and goats". Novocherkassk, 1959. 20 pp (Min Agric USSR, Novocherkassk Zoovet Inst im First Cavalry Army) (KL, No 14, 1959, 119)

CHIRKOVA, Ye. I.

"Vegetative Hybridization of Grasses by Means of Transplanting the Embryonal Bud to a Foreign Endosperm." Cand Biol Sci, Voronezh State U, Voronezh, 1953. (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

SEREBRYAKOV, A.M.; CHIRIKOVA, Ye.L.; DONSKAYA, L.D.

Metachrome colors in wool industry. Tekstil'. Prom. 12, No.11, 37-9 '52. (MLRA 5:11)
(CA 47 no.22:12819 '53)

CHIRKOVA, Z.K., red.

[Murmansk; photograph album]Murmansk; [fotoal'bom. Murmansk] Murmanskoe knizhnoe izd-vo, 1961. 1 v. illus. (MIRA 15:9)
(Murmansk--Views)

BROYDO, Yevgeniy Borisovich; CHIRKOVA, Z.K., red.; SYCHEVA, V.A., tekhn. red.

[Biography just begins] Biografiia tol'ko nachinaetsia. Murmansk, Murmanskoe knizhnoe izd-vo, 1961. 11 p. (MIRA 16:5)

(Murmansk--Machinery industry workers)
(Women--Employment)

CHIRKOVA, Zinaida Kirillovna; FEDOTOVSKIY, A.P., red.; SYCHEVA, V.A., tekhn. red.

[Dreams and concrete] Mechta i beton. Murmansk, Murmanskoe knizhnoe izd-vo, 1961. 11 p. (MIRA 16:5)
(Russia, Northern--Concrete construction)

YAKOVLEV, Yevgeniy Maksimovich; CHIRKOVA, Z.K., red.

[Blue roads] Golubye dorogi. Murmansk, Murmanskoe knizhnoe izd-vo, 1964. 51 p. (MIRA 18:3)

CHIRKOVA, Z.N.

Distribution and growth of this year's perch in Rybinsk Reservoir. Trudy Biol.sta. "Borok" no.2:191-199 '55. (MLRA 9:6)
(Rybinsk Reservoir--Perch)

CHIRKOVA, Z.N.

Materials on the biology of commercial fishes in Lake Beloye.
Trudy Inst.biol.vodokhran. no.2:159-173 '59.
(MIRA 13:5)
(Beloye, Lake (Vologda Province)--Fishes)

CHIRKOVA, Z.N.

Characteristics of the distribution of pike perch in Rybinsk Reservoir in years with various feeding conditions. Vop. ekol. 5:243-244 '62. (MIRA 16:6)

1. Institut biologii vodokhranilishch AN SSSR, Borok.
(Rybinsk Reservoir—Pike perch)
(Fishes--Food)
(Rybinsk Reservoir—Smelts)

CHIRKOVA-ZALESSKAYA, E.F.

Fossil plants of the terrigenous Devonian of the Ural-Volga region. Dokl.AN SSSR 94 no.1:129-132 Ja '54. (MLRA 7:1)

1. Institut nefti Akademii nauk SSSR.
(Ural Mountains--Paleobotany) (Volga Valley--Paleobotany)

CHIRKOVA-ZALESSKAYA, E.F.

USSR/Geology

Card 1/1 : Pub. 22 - 32/44

Authors : Doroshko, S. M., and Chirkova-Zalesskaya, E. F.

Title : About lower-Devonian deposits in the North-Minusinsk depression

Periodical : Dok. AN SSSR 98/1, 123-126, Sep 1, 1954

Abstract : Geological-lithological information is presented on the lower-Devonian deposits, discovered during 1948-1951 in the North-Minusinsk depression in the region of Matarak and Shunek Lakes (Siberia). Drawing.

Institution : .....

Presented by : Academician S. I. Mironov, April 8, 1954

DOROSHKO,S.M.; CHIRKOVA,-ZALESSKAYA,Ye.F.

Occurrence of lower Devonian deposits in the North Minusinsk Basin. (MLRA 8:12)
Trudy Inst.nefti no.5:17-21 '55.
(Minusinsk Basin--Geology, Stratigraphic)

CHIRKOVA-ZALESSKAYA, Ye.F.

Materials on lower Devonian flora in the Minusinsk Basin. Trudy Inst.nefti 7:60-70 '56. (MLRA 10:1)
(Minusinsk Basin--Paleobotany, Stratigraphic)

HIRKOVA-ZALESSKAYA, Yelena Fedorovna; FEDOROV, S.F., otvetstvennyy redaktor, KUN, N.R., redaktor izdatel'stva; ZELENKOVA, Ye.V., tekhnicheskiy redaktor.

[Division on the basis of fossil plants of the terrigeneous Devonian of the Ural and Volga regions; data on fossil plants of the terrigeneous Devonian of the Ural and Volga regions] Delenie terrigennogo devona Uralo-Povolzh'ia na osnovanii iskopaemykh rastenii; materialy po iskopaemym rasteniiam terrigennogo devona Uralo-Povolzh'ia. Moskva, Izd-vo Akad.nauk SSSR, 1957. 139 p. (MLRA 10:10)

(Ural Mountain region--Geology, Stratigraphic)
(Ural Mountain region--Paleobotany)

CHIRKOVA-ZALESSKAYA, YE. F.

AUTHORS: Khizhnyakov, A. V., Chirkova-Zalesskaya, Ye. F. 20-3-44/59

TITLE: On the Stratigraphy of Lower Devonian Deposits of the Podolsk Cis-Dnestr Region (K stratigrafii nizhnedevonskikh otlozheniy Podol'skogo Pridnestrov'ya)

PERIODICAL: Doklady AN SSSR, 1958, Vol. 118, Nr 3, pp. 560-572 (USSR)

ABSTRACT: The continental Lower Devonian deposits distinguish themselves markedly from the predominantly marine Devonian deposits at the south-western border of the Russkaya platforma(Russian Platform)owing to their terrigenous structure and their red colour. They are widely spread in the area mentioned in the title and form numerous lodes on the slopes of the banks of the Dniester river and its tributaries from the left side. The mass of these rocks is lithologically monotonous and is formed by the alternation of beds of limestones aleurite-containing loams as well as of argillites. The relative amounts of these components differ. In the lower part the loamy rocks predominate. The red sand-loam-deposits could be observed in bore holes to a distance of 100 km from the Dniester river. This mass

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which is of a thickness of 400 m is stratified between deposits of the faunal character of Silurian time and of Middle Devonian time. Owing to its fish fauna, some ostracods, floral imprints and spores of some fossil plants it is counted to the Lower Devonian time. The fauna is distributed very irregularly in the cross section. It is richest in the lower part. For this reason the stratigraphic interrelations with the Silurian stratified below are much better explained than those with the superimposed strata. On the basis of its fish fauna the mentioned mass was divided into two stages: Zhedinskiy and Koblentskiy (Koblenz) (references 1, 3, 4). The boundary between Silurian and Lower Devonian can be drawn according to the disappearance of calcareous transition beds to a marine fauna and according to the occurrance in red sandy-loamy rock of numerous remains of armored fish (mainly Pteraspidae, less Cephalaspidae, Coccosteidae and Asteraspidae). The characteristic fossils could successfully be separated from these groups (reference 4). The distribution of individual kinds in the transition strata is discussed in detail in the present work. The upper part

nearly shows no paleontological remains and was counted conditionally to the upper layers of the Koblentskiy stage and to the Eyfel'skiy (Eifel) stage, because of numerous plant remains: Taeniocrada (reference 5). These early vascular plants form floral elements of old red sandstone from England. Some details of the Taeniocrada dubia Kr. et W. and T. (Haliserites) decheniana (Goeppert) are described here (figures 1 - 4). Both kinds are known in the Devonian as far as Povolzh'ye (Volga area), the Ural as well as Central Siberia and the South of Timan. Thus, the entire red mass of the so-called "Podol'skiy Old red" must be attributed to Lower Devonian time. Since in the bore holes north of the Dniester river every break in sedimentation between the Lower and the Middle Devon lacks, the authors agree with reference 2 that the dolomites of the lode at the Zolotaya Lipa village (Zota Lipa) belong to the Eifel stage. There are 4 figures and 5 references, 1 of which is Slavic.

ASSOCIATION: Petroleum Institute AN USSR (Institut nefti Akademii nauk SSSR)

Card 3/4

2o-3-44/59

On the Stratigraphy of Lower Devonian Deposits of the Podolsk Cis-Dnestr Region

PRESENTED: May 9, 1957, by S. I. Mironov, Academician

SUBMITTED: May 9, 1957

AVAILABLE: Library of Congress

Card 4/4

20-119-4-41/60

AUTHORS: Chirkova-Zalesskaya, Ye. F., Zubtsov, Ye. I.

TITLE: New Founds of Stéphanian Stage Flora in Central Tien Shan (Novyye nakhodki stefanskoy flory v Srednem Tyan'-Shane)

PERIODICAL: Doklady Akademii Nauk SSSR, 1958, Vol. 119, Nr 4, pp. 776 - 778 (USSR)

ABSTRACT: M. D. Zalesskiy (Reference 1) described in 1928 fossil flora from the region in question which is very similar to the complex of the Stéphanian flora of western Europe. On the strength of this single found the late Paleozoic and floristic distribution of zones of the whole earth was reconstructed (Reference 2). In this connection further founds, 200 km west of the first site (Naryn-Tau), i.e. in the Kok-Irim-Tau-chain (1955) are interesting. The found was made by Ye. I. Zubtsov and Ye. I. Zubtsova and was investigated by Ye. F. Zalesskaya. The containing rock is described. Then the author repeats the details of the first found of the flora in question (Reference 1), and describes the composition of the flora from Kok-Irim-Tau.

Card 1/2

20-119-4-41/60

New Founds of Stéphanian Stage Flora in Central Tien Shan

A strange lycopod (Lycopodiaceae):Maroesia rhomboidea Goth.and Jong.(Reference 3) is striking here. This type was described from north west Sumatra. Then the single sites of Stéphanian flora are enumerated. The founds were made in Kok-Irim-Tau in three different places, however, in approximatively the same horizon. A description of the last mentioned plant (figure 1) follows. Then the position of the layers is compared with the flora in question in Kok-Irim-Tau and in Sumatra.There are 2 figures and 3 references, 2 of which are Soviet.

ASSOCIATION: Institut nefti Akademii nauk SSSR (Petroleum Institute, AS USSR)

PRESENTED: December 6, 1957, by S. I. Mironov, Member, Academy of Sciences, USSR

SUBMITTED: November 28, 1957

Card 2/2

CHIRKOVA-ZALESSKAYA, Ye. F., Doc Geolog-Mineralog Sci (diss) -- "The division of the terrigenic Devonian deposits of the Ural-Volga region on the basis of plant fossils. Material on the flora from the terrigenic Devonian deposits of the Ural-Volga region". Moscow, 1959, published by the Acad Sci USSR. 8 pp (Acad Sci USSR, Inst of Geology and Working of Mineral Fuels), 130 copies (KL, No 24, 1959, 130)

L 5131-66 EWT(1)/FS(v)-3 DD

ACC NR: AP5027481 SOURCE CODE: UR/0219/65/060/010/0073/0076

AUTHOR: Andzhus, R.; Kozich, N.; Chirkovich, T.

ORG: Physiology Institute, Department of Mathematics and Natural Sciences, Belgrade University (Institut fiziologii yestestvenno-matematicheskogo fakul'teta Belgradskogo universiteta); Biology Institute, Belgrade (Biologicheskiy institut)

TITLE: Some features of brain tissue metabolism in certain hibernating and non-hibernating animals during clinical death in deep hypothermia

SOURCE: Byulleten' eksperimental'noy biologii i meditisiny, v. 60, no. 10, 1965, 73-76

TOPIC TAGS: animal physiology, biologic metabolism, brain tissue, hibernation, hypothermia

ABSTRACT: As part of a continuing investigation of metabolic processes in the brain during clinical death, a comparative study was made of changes in high-energy phosphates (creatinephosphoric acid, adenosine triphosphate [ATP], adenosine diphosphate [ADP], and adenosine monophosphate [AMP]) and products of anaerobic metabolism, especially lactic acid. Clinically dead rats and susliks with body temperatures of 0C and 15C were used. In addition, some animals in a state of hypothermia were subjected to asphyxia by pressing of the trachea. Asphyxiated rats with a body temperature of 15C showed the following biochemical changes: 1) the creatinephosphoric acid

Card 1/2 UDC: 616-036.882-06:617-001.18]-07:616.831-008.921.8-074-092.9

L 5131-66

ACC NR: AP5027481

content dropped 10 min after the cessation of respiration; 2) the ATP content decreased more slowly; 3) the ADP level increased during agonal breathing and then normalized; 4) the AMP level increased continuously; and 5) the lactic-acid level increased. The changes observed in high-energy phosphates are not peculiar to hypothermia, but this temperature level is experimentally more convenient. When these indices were determined for susliks in a state of hypothermia, the following differences were observed: 1) the creatinephosphoric acid and ATP levels dropped considerably more slowly than in rats; 2) the period of agonal breathing lasted longer; and 3) the lactic-acid content increased more rapidly and reached significantly higher levels. Thus, the greater resistance of susliks to clinical death in severely anoxic conditions is apparently connected with features of anaerobic processes in suslik tissue. It was concluded that suslik brain tissue can more effectively use anaerobic energy reserves than rat brain tissue can. Orig. art. has: 4 figures. [JS]

SUB CODE: LS/ SUBM DATE: 21Nov64/ ORIG REF: 002/ OTH REF: 004/ ATD PRESS: 4133

Card 2/2

L 12812-66 EWT(1)/EWA(j)/T/EWA(b)-2 JK

ACC NR: AP5028184 SOURCE CODE: UR/0248/65/000/008/0054/0060

AUTHOR: Kagan, G. Ya.; Koptelova, Ye. I.; Prozorovskiy, S. V.; Mikhaylova, V. S.; Dzhikidze, E. K.; Akbroyt, Ye. Ya.; Doroftiyenko, S. F.; Chirkovich, I. M.; Simovonyan, V. G.; Dzobakhidze, L. V. 35 B

ORG: Institute of Epidemiology and Microbiology im. I. F. Gamalei, AMN SSSR, Moscow (Institut epidemiologii i microbiologii AMN SSSR); Institute of Experimental Pathology and Therapy, AMN SSSR, Sukhumi (Institut experimentalnoi patologii i terapii AMN SSSR)

TITLE: Experience with experimental infection of *Macacus speciosus* monkeys with L-forms of hemolytic streptococcus 6,44,55

SOURCE: AMN SSSR. Vestnik, no. 8, 1965, 54-60

TOPIC TAGS: infective disease, bacteriology, microbiology, experimental animal

ABSTRACT: Prior work by the authors with small laboratory animals failed to establish adequate criteria for determining pathogenicity of the L-form of bacteria. In order to resolve this problem the present study was carried out on 20 *Macacus*

UDC: 616.981.214-092.9-093.23

Card 1/3

speciosus. The infective organisms employed were a stable culture of L-forms of β-hemolytic streptococci obtained from *in vitro* sources (L), and a strain of β-hemolytic streptococci isolated from the blood of a rheumatism patient (S). Of 12 animals (11 infected through the paratonsillar cellular tissue -groups 2 and 3-, and 1 infected i.v. -group 1-) 8 developed catarrhal anginas after two doses of the L-form. Three of these animals developed particularly severe cases with suppurative patches. The disease lasted from 3-22 days with the majority of the animals being sick 10 days or longer. Of the 5 animals receiving 3 doses of L-forms (Group 2) the most severe reaction occurred after the second injection in 2 animals, whereas in the third animal the reaction was more severe after the last injection. Of the 6 monkeys receiving 2 L-form doses followed by an injection of streptococci (Group 3) one animal developed a severe and one a slight case of angina following the third injection. Only one animal that had shown no reaction to the preceeding L-injections developed a grave angina after the S injection. In neither group 2 or 3 did suppurative patches develop following the third injection. Of the 4 animals receiving 3 doses of S (Group 4) only 2 developed slight anginas of short duration after the first injection. The 2 subsequent injections produced no response. Roentgenokymographic examination revealed changes in the tonic and contractile functions of the myocardium in 7 animals (2 fr. gr. 1, 3 fr. gr. 2, 1 each fr. gr. 3 + 4). In all

L 12812-66

ACC NR: AP5028184

cases the observed changes coincided with development of angina, the most profound changes being noted in 2 animals who had developed suppurative patches. The roentegenokymographs slowly returned to normal following the second injection. The only changes in the EKG were found in one animal from group 1 which had received one injection of L followed by one of S. The changes were interpreted as being the result of necrotic foci produced in the myocardium by the infection. Increases in the indexes characterizing the severity of inflammatory reactions (ESR, leucocytosis and C-reactive blood protein) coincided with periods of sustained angina in groups 2, 3, and 4. Those of groups 1 and 5 could not be measured due to the development of pneumonia and dysentery. The titre of antistreptolysis "O" was used as an immunological indicator. An increase in titre was found to be directly correlated with the severity of the disease present, although an increase was observed in one animal (group 4) that had no angina. Orig. art. has: 1 table.

SUB CODE: 06/ SUBM DATE: 29May65/ ORIG REF: 004/ OTH REF: 002

jw

Card 3/3

KAGAN, G.A.; KOPTELOVA, Ye.I.; PROZOROVSKIY, S.V.; MIKHAYLOVA, V.S.
DZHIKIDZE, E.K.; AKBROYT, Ye.Ya.; DOROFTIYENKO, S.F.; CHIRKOVICH,
Ye.M.; SIMOVONYAN, V.G.; IZOBAKHIDZE, L.V.

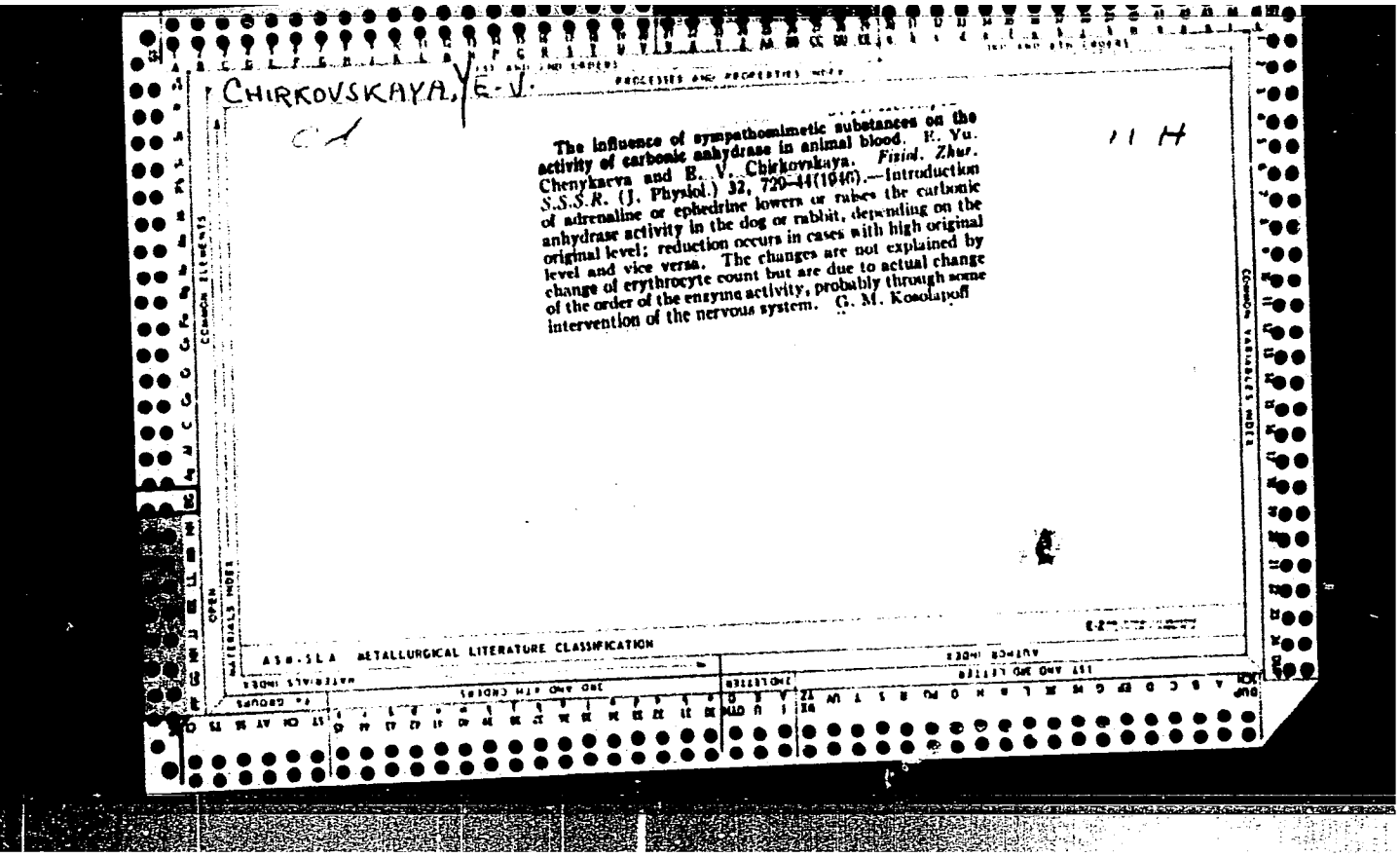
Results of experimental infection of Macacus speciosus monkeys with L-forms of Streptococcus haemolyticus. Vest. AMN SSSR 20 no.8:54-60 '65. (MIRA 18:9)

1. Institut epidemiologii i mikrobiologii imeni N.F. Gamalei AMN SSSR, Moskva i Institut eksperimental'noy patologii i terapii AMN SSSR, Sukhumi.

CHIRKOVSKAYA, K.S., assistent

Some biochemical indices in a study of the placenta in a case of intrauterine fetal death. Akush. i gin. 39 no.5:42-44 S-O '63. (MIRA 17:8)

1. Iz kafedry akusherstva i ginekologii (nav. - prof. S.L. Keylin) Novosibirskogo meditsinskogo instituta.



CHIRKOVSKAYA, Ye. V.

C.A.

The influence of sympathomimetic substances on the activity of carbonic anhydrase in animal blood. E. Yu. Chenykaeva and E. V. Chirkovskaya. *Fiziol. Zhur. S.S.S.R.* (J. Physiol.) 32, 729–44(1946).—Introduction of adrenaline or ephedrine lowers or raises the carbonic anhydrase activity in the dog or rabbit, depending on the original level; reduction occurs in cases with high original level and vice versa. The changes are not explained by change of erythrocyte count but are due to actual change of the order of the enzyme activity, probably through some intervention of the nervous system. G. M. Kosolapoff

11 H

A58-SLA METALLURGICAL LITERATURE CLASSIFICATION

USSR/Human and Animal Physiology. The Norvous System. T

Abs Jour: Rof Zhur-Biol., No 8, 1958, 36879.

Author : Chirkovskaya, E.V.
Inst :
Title : Brain Phosphatase in Rabbits in Ontogenesis.

Orig Pub: Jzv. AN. SSSR Sep. biol., 1956, No 6, 19-25.

Abstract: In experiments on rabbits the activity of alkaline (ALP) and acid phosphatase (ACP) was studied in the cortex of the hemispheres, cerebellum, medulla oblongata and spinal cord of embryos and during various days of postnatal life; in dogs, experiments were carried out from the third postnatal day to adult stage. There was parallelism between the changes of activity of (ACP) during the process of ontogenesis and those of P metabolism of phospholipids

Card : 1/2

CHIRKOVSKAYA, Ye.V.

KREPS, Ye.M.; VERZHBINSKAYA, N.A.; CHENYKAYEVA, Ye.Yu.; CHIRKOVSKAYA, Ye.V.; GAVURINA, TS.K.

Adaptation of animals to chronic hypoxia; effect of adaptation to chronic hypoxia on the ceiling and on the rate of gas exchange with lowered oxygen content. Fiziol. zh. SSSR 42 no.1:69-77 Ja 56. (MLRA 9:5)

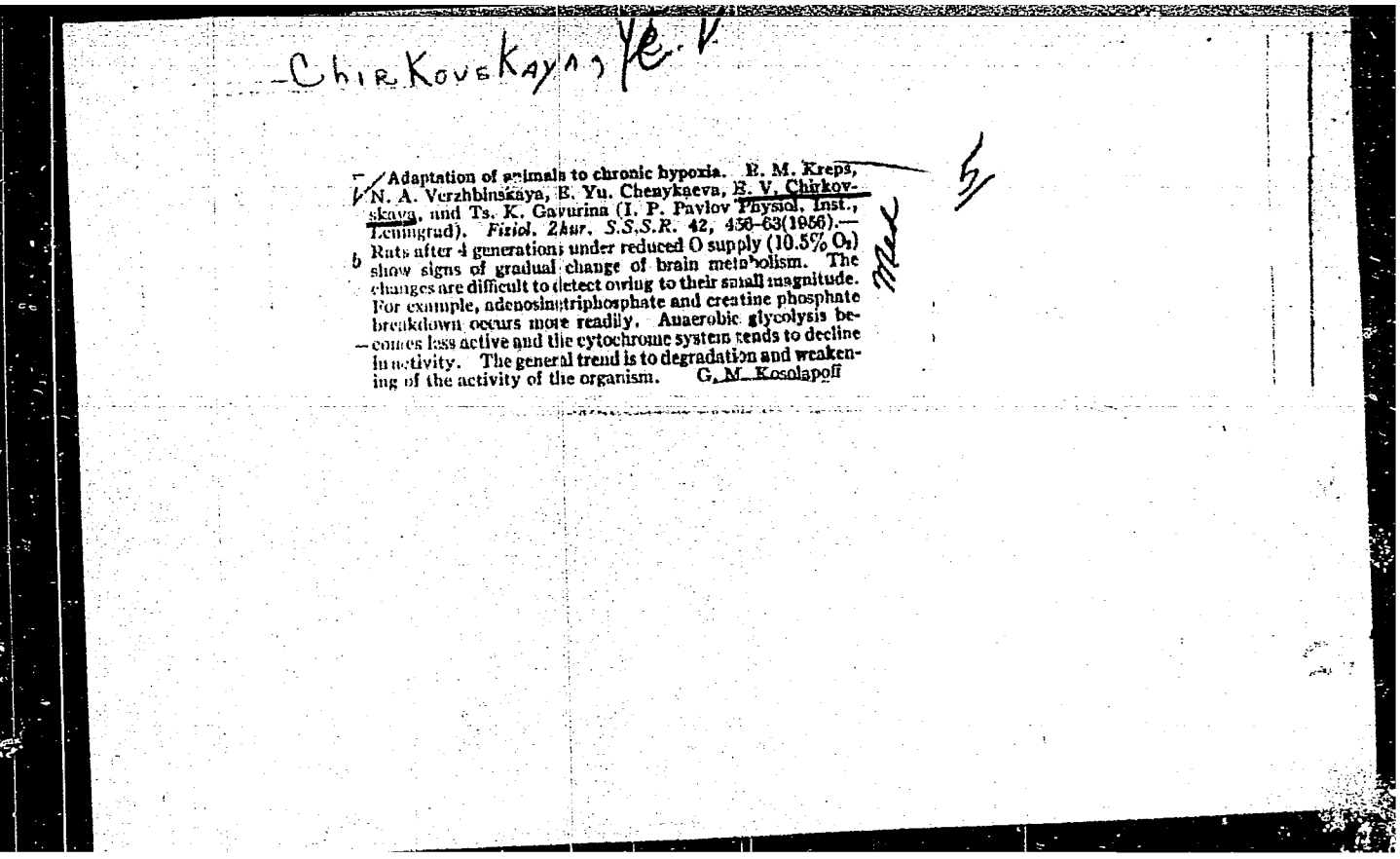
1. Laboratoriya sravnitel'noy biokhimii Instituta fiziologii imeni I.P. Pavlova AN SSSR, Leningrad.
(ANOXIA, experimental,
prep. of animals (Rus))

KREPS, Ye.M.,; VERZHBINSKAYA, N.A.,; CHENYKAYEVA, Ye.Yu.,; CHIRKOVSKAYA, Ye.V.,; GAVURINA, Ts.K.

Preparation of animals for chronic hypoxia; effect of chronic hypoxia on contents of hemoglobin, myoglobin, cytochrome and on activity of cytochrome oxidase and carbonic anhydrase in the blood and tissue. Fiziol. zhur. 42 no.2:149-158 F '56. (MLRA 9:6)

1. Laboratoriya sravnitel'noy biokhimii Instituta fiziologii imeni I.P. Pavlova AN SSSR, Leningrad.

(ANOXIA, effects,
on cytochrome, cytochrome oxidase, carbonic anhydrase, hemoglobin & myoglobin metab. (Rus))
(HEMOGLOBIN,
myoglobin & hemoglobin in exper. anoxia (Rus))
(CYTOCHROMES,
in exper. anoxia (Rus))
(OXIDASES,
cytochrome in exper. anoxia (Rus))
(HYDRASES,
carbonic anhydrase in exper. anoxia (Rus)



Chirkovskaya, Ye. V.

Adaptation of animals to chronic hypoxia. E. M. Kreps, N. A. Verzhbinskaya, E. Yu. Chenykaeva, E. V. Chirkovskaya, and Ts. K. Gavurina (I. P. Pavlov Physiol. Inst., Leningrad). *Fiziol. Zhur. S.S.S.R.* 42, 456–63(1956).—Rats after 4 generations under reduced O supply (10.5% O_2) show signs of gradual change of brain metabolism. The changes are difficult to detect owing to their small magnitude. For example, adenosinetriphosphate and creatine phosphate breakdown occurs more readily. Anaerobic glycolysis becomes less active and the cytochrome system tends to decline in activity. The general trend is to degradation and weakening of the activity of the organism. G. M. Kosolapoff

SMIRNOV, A.A.; CHIRKOVSKAYA, Ye.V.; MANUKYAN, K.G.

Study of phospholipids in various segments of the rat brain using various methods of paper chromatography. Biokhimiia 26 no.6:1027-1033 N-D '61. (MIRA 15:6)

1. Laboratory of Neurochemistry, Institute of Evolutionary Physiology, Academy of Sciences of the U.S.S.R., Leningrad.
(BRAIN)
(PHOSPHATIDES)
(PAPER CHROMATOGRAPHY)

KREPS, Ye.M.; MANUKYAN, K.G.; SMIRNOV, A.A.; CHIRKOVSKAYA, Ye.V.

Study of phospholipides of the nervous system in the evolutionary series of animals. Biokhimiia 28 no.6:978-986 N-D'63 (MIRA 17:1)

1. Laboratory of Neurochemistry, Institute of Evolutionary Physiology, Academy of Sciences of the U.S.S.R., Leningrad.

KREPS, Ye.M.; MANUKYAN, K.G.; PATRIKEYEVA, M.V.; SMIRNOV, A.A.; CHERNYKAYEVA, Ye.Yu.; CHIRKOVSKAYA, Ya.V.

Phospholipids of subcellular brain particles in chick embryogeny. Zhur. evol. biokhim. i fiziol. 1 no.1:16-25 Ja-F '65. (MIRA 18:6)

1. Institut evolyutsionnoy fiziologii i biokhimii im. I.M. Sechenova AN SSSR, Leningrad. 2. Glavnyy redaktor "Zhurnala evolyutsionnoy biokhimii i fiziologii" (for Kreps).

L 62782-65
ACCESSION NR: AP5020628 UR/0218/64/029/006/1111/1118

AUTHOR: Kreps, Ye. M.; Manukyan, K. G.; Patrikeyeva, M. V.; Smirnov, A. A.; Chenykayeva, Ye. Yu.; Chirkovskaya, Ye. V.

TITLE: Phospholipids of the subcellular particles of hen's brain

SOURCE: Biokhimiya, v. 29, no. 6, 1964, 1111-1118

TOPIC TAGS: cell physiology, brain, cytology, experiment animal

Abstract: Investigations were conducted to determine the content of phospholipids in the subcellular particles (mitochondria, microsomes, and nuclei) of a hen's brain. Grown hens of the White Leghorn variety were used in the investigations. A hen's brain separated from the membrane and the blood vessels was reduced to fine particles and homogenized with a solution of saccharose and ethylenediamine tetraacetate for two minutes. The subcellular particles were isolated by differential centrifuging at temperatures of + 2 to four degrees. The phospholipid content in the subcellular particles was determined by paper chromotography. The investigations established that the phospholipid content was largest in the microsomes, and somewhat lower in the mitochondria and nuclei -- by 10-15 percent. Some differences characterized the fractions: lecithin was

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L 62782-65
ACCESSION NR: AP5020628

found to be the largest component in all of the fractions; the fraction content of phosphatidilethanol and phosphatidilserine was somewhat smaller; small concentrations of sphingomyelin, phosphatidilinositol, and phosphatidilglycerol were found. An absence of phosphatidilglycerol is characteristic of the microsomes, although it is always present in the mitochondria and nuclei. It was established also that the microsomes contain larger quantities of shingomyelin and lecithin than the other fractions, while the mitochondria contain larger quantities of ethanoaminophosphatide and serinophosphatide. Orig. art. has 1 figure and 2 tables.

ASSOCIATION: Institut evolyutsionnoy fiziologii i biokhimii im. I. M. Sechenova Akademii nauk SSSR, Leningrad (Institute of Evolutionary Physiology and Biochemistry, Academy of Sciences SSSR)

SUBMITTED: 23Apr64 ENCL: 00 SUB CODE: LS
NO REF SOV: 005 OTHER: 020 JPRS

Card 2/2

CHIRKOVSKIY, A.

ANDREYEV, N.; SOKOLOVSKIY, Yu.; CHIRKOVSKIY, A.

Develop general-purpose automotive transportation. Avt.transp. 33 no.2:4-5 F '55. (MIRA 8:5)

1. Glavnyy inzhener avtotransportnoy kontory tresta "Sakhalinrybstroy" (for Chirkovskiy). 2.Nachal'nik avtootdela oblastnogo upravleniya avtotransporta (for Andreyev). 3.Nachal'nik avtootdela kombinata "Sakhalinugol'" (for Sokolovskiy).
(Transportation, Automotive)

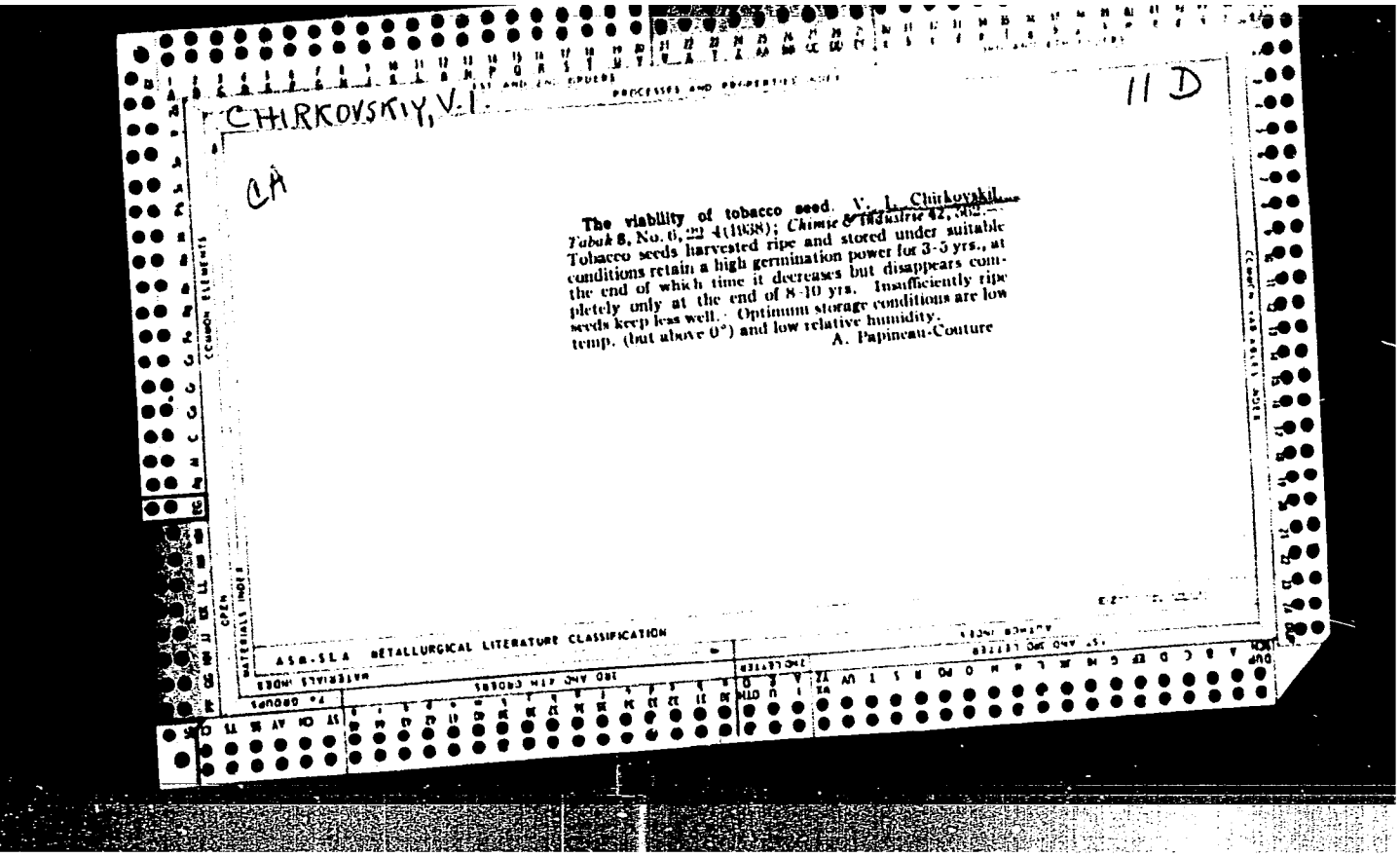
CHIRKOUSKIY, SHEVALEV

CHIRKOVSKIY, SHEVALEV

Vladimir Petrovich Filatov. Vest. oft. 29:2 Mar-Apr 50 p. 5-8

1. Prof. Chirkovskiy, Active Member of the Academy of Medical Sciences USSR.

CLML 19, 1, July 50



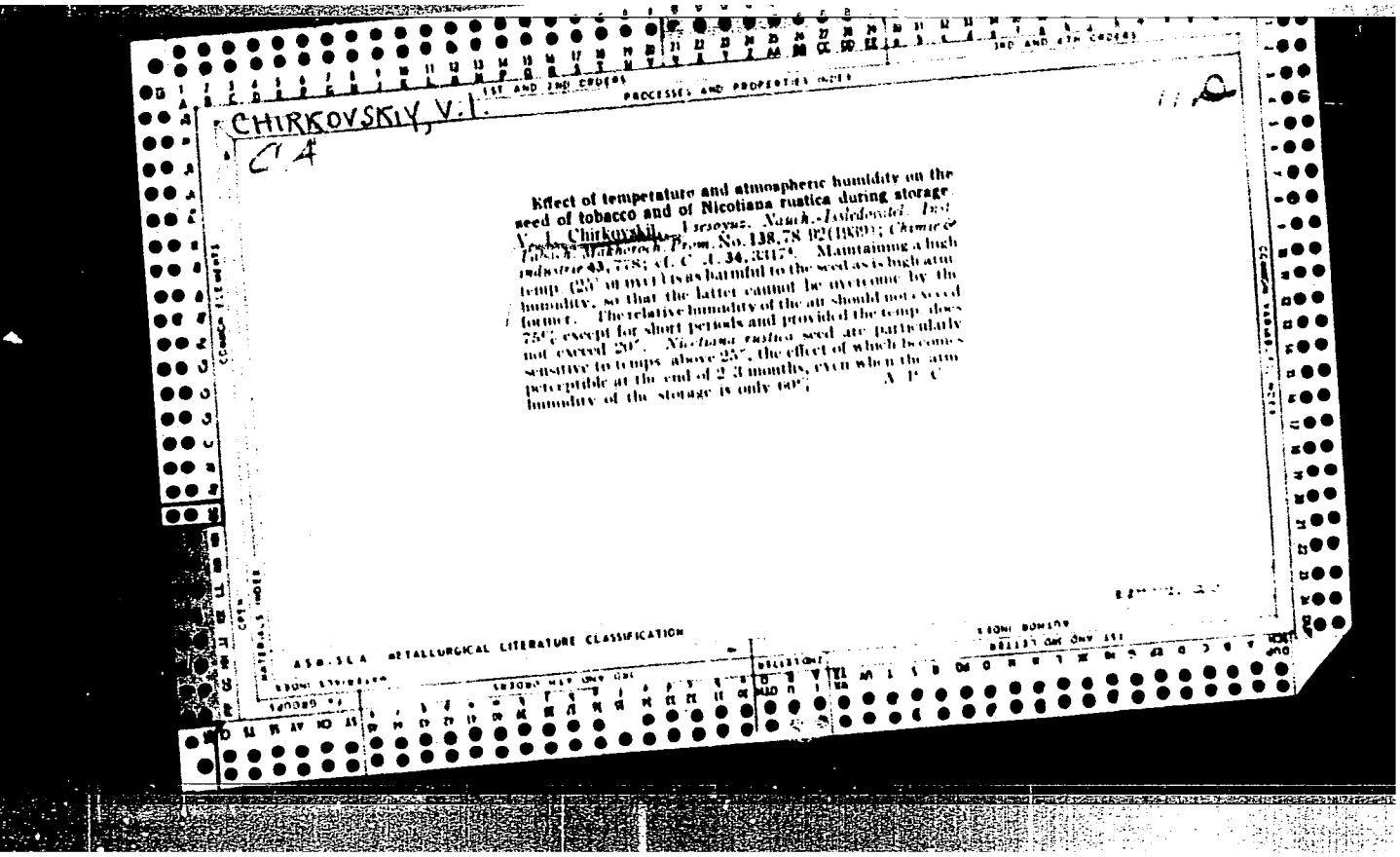
CHIRKOVSKIY, V. I.

11 D

CA

The viability of tobacco seed. V. I. Chirkovskii. *Tabak* 8, No. 6, 22-4(1938); *Chimie & Industrie* 42, 402.— Tobacco seeds harvested ripe and stored under suitable conditions retain a high germination power for 3-5 yrs., at the end of which time it decreases but disappears completely only at the end of 8-10 yrs. Insufficiently ripe seeds keep less well. Optimum storage conditions are low temp. (but above 0°) and low relative humidity.
A. Papineau-Couture

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



CHIRKOVSKIY, V. I.

C4

Effect of temperature and atmospheric humidity on the seed of tobacco and of Nicotiana rustica during storage. V. I. Chirkovskiy. Trudy Nauch.-Issledovatel. Inst. Tabach. Makhorochn. Prom. No. 138, 78-82 (1939); Chimie & Industrie 43, 778; cf. C. A. 34, 3117⁴. Maintaining a high temp (25° or over) is as harmful to the seed as is high atm humidity, so that the latter cannot be overcome by the former. The relative humidity of the air should not exceed 75% except for short periods and provided the temp does not exceed 20°. Nicotiana rustica seed are particularly sensitive to temps above 25°, the effect of which becomes perceptible at the end of 2-3 months, even when the atm humidity of the storage is only 60%. A. P. C.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

1. CHIRKOVSKIY, V. I.

2. USSR (600)

4. Tobacco

7. Problem of increasing the yeild and improving the quality of tobacco and makhorka raw material. Tabak 13 no. 6, 1952.

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

CHIRKOVSKIY, V. I.

"Relation of the Location of the Seedcase During Inflorescence to the Formation of Tobacco Seeds," Dokl. AN SSSR, 85, No.1, 1952

CHIRKOVSKIY, V.I.; TSITSIN, N.V., akademik.

Effect of seed ageing on the development of tobacco growth. Dokl.AN SSSR 92 no.2:439-442 S '53. (MLRA 6:9)

1. Akademiya nauk SSSR (for Tsitsin). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut tabaka i makhorki (for Chirkovskiy). (Tobacco)

CHIRKOVSKIY V.I.

USSR / General and Special Zoology. Insects P

Abs Jour: Ref Zhur-Biol., No 4, 1958, 16490

Author. : Chirkovskii V.I.
Inst : Not given
Title : The Influence of DDT on Tobacco Seeds in Long Storage (Vliyaniye DDT na semena tabaka pri dlitel'nom khranenii.)

Orig Pub: Vestn. s.kh.nauki, 1956, No 3, 142-145

Abstract: DDT in a 5% dust is a universal chemical poison against warehouse tobacco pests. Freshly harvested and one-year old seeds of Dumar 2386 and Ostrolist 2747 varieties dusted with DDT dust in doses of 1,5 and 100 g/kg in three years of storage decreased their germination no more than the control seeds. The germination of freshly harvested and five-year old seeds Tyk-Kulak 92, dusted with

Card 1/2

USSR / General and Special Zoology. Insects P

Abs Jour: R f Zhur-Biol., No 4, 1958, 16490

Abstract: one g and three g/kg, after five years of storage was in the first instance no smaller, and in the second instance somewhat smaller than that of the control seeds. The seeds of Dumar 2386 dusted with 1g/kg and 5 g/kg and again in two and three years germinated like the control seeds. The seeds of young hybrids Dumar 2386 and Ostrolist 2747 were tested concerning the yield of the planting in one, two, and three years after the dusting with 1g/kg, 5g/kg and 100g/kg, and the Tyk-Kulak seeds were tested two, four and five years after dusting with 1 and 3g/kg. The difference in the yield of the planting between the experimental seeds and those under control was negligible.

Card 2/2

CHIRKOVSKIY, V.I.

Increase in the general vitality through adaptation to the action of injurious agents [with summary in English]. Zhur.ob. biol. 19 no.3: 187-201 My-Je '58. (MIRA 11:6)
(TOBACCO)

CHIRKOVSKIY, V.I.

Growing tobacco and makhorka seed in regions where tobacco seed production is unreliable. Agrobiologiia no.4:539-541 Jl-Ag '60. (MIRA 13:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tabaka i makhorki, g. Krasnodar.
(Tobacco)

CHIRKOVSKIY, V.I., kand.sel'skokhozyaystvennykh nauk

Some facts on the importance of gibberellin for tobacco.
Agrobiologiia no.2:296-298 Mr-Ap '62. (MIRA 15:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tabaka i makhorki, Krasnodar.
(Tobacco) (Gibberellin)

CHIRKOVSKIY, V.I., kand.sel'skokhozyaystvennykh nauk

Effect of gibberellin on tobacco. Agrobiologia no.4:621-623 Jl-Ag '63. (MIRA 16:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tabaka i makhorki, g. Krasnodar.

(Tobacco) (Gibberellin)

KUZIN, A.M.; UZORIN, Ye.K.; CHIRKOVSKIY, V.I.

Study of remote radiation aftereffects in some species of the genus Nicotiana following gamma irradiation of seeds. Radiobiologiia 3 no. 6:903-908 '63. (MIRA 17:7)

1. Institut biologicheskoy fiziki AN SSSR, Moskva, i Vsesoyuznyy nauchno-issledovatel'skiy institut tabaka i makhorki imeni A.I. Mikoyana, Krasnodar.

CHIRKOVSKIY, V.I., kand. sel'skokhoz. nauk

Lengthening the viability of seeds in storage. Agrobiologiia no.2:286-289 Mr-Ap '65. (MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tabaka i makhorki, Krasnodar.

GORBUNOV, V.R., inzh.; CHIRKUNOV, A.F., inzh.

Mechanized potato cultivation in the German Democratic Republic. Mekh. i elek. sots. sel'khoz. 16 no.3:52-56 '58. (MIRA 11:6)

1.Ministerstvo sel'skogo khozyaystva (for Gorbunov). 2.Nauchno-issledovatel'skiy institut kartofel'nogo khozyaystva (for Chirkunov).
(Germany, East--Potatoes)

BYKOV, Kh.I.; GURULEV, A.K., mashinist; CHIRKUNOV, A.G., inzh.-tekhnolog

More discussion concerning the ER1 electric train. Elek. i tepl. tiaga 6 no.8:28-30 Ag '62. (MIRA 17:3)

1. Mashinist-instruktor depo im. Il'icha Moskovskoy dorogi (for Bykov). 2. Depo Leningrad-Passazhirskiy-Moskovskiy Oktyabr'skoy dorogi (for Chirkunov).

BURMISTROV, V.I.; CHIRKUNOV, E.V.

Effect of additions on the dehydration of nitro alcohols by phthalic anhydride. Zhur. prikl. khim. 37 no.9:2085-2087 S '64. (MIRA 17:10)

1. Kazanskiy khimiko-tekhnologicheskiy institut imeni Kirova.

CHIRKUNOV, I.F.

Studying climate in the 5th-7th classes. Geog.v shkole 19 no.1:38-45 Ja-F '56. (MLRA 9:5)
(Climatology--Study and teaching)

CHIRKUNOV, I.F.

From practice in conducting regional study excursions. Mat. Otd. ucheb. geog. Geog. ob-va SSR no.2:14-22 '63. (MIRA 17:6)

CHIRKUNOV, I.F.

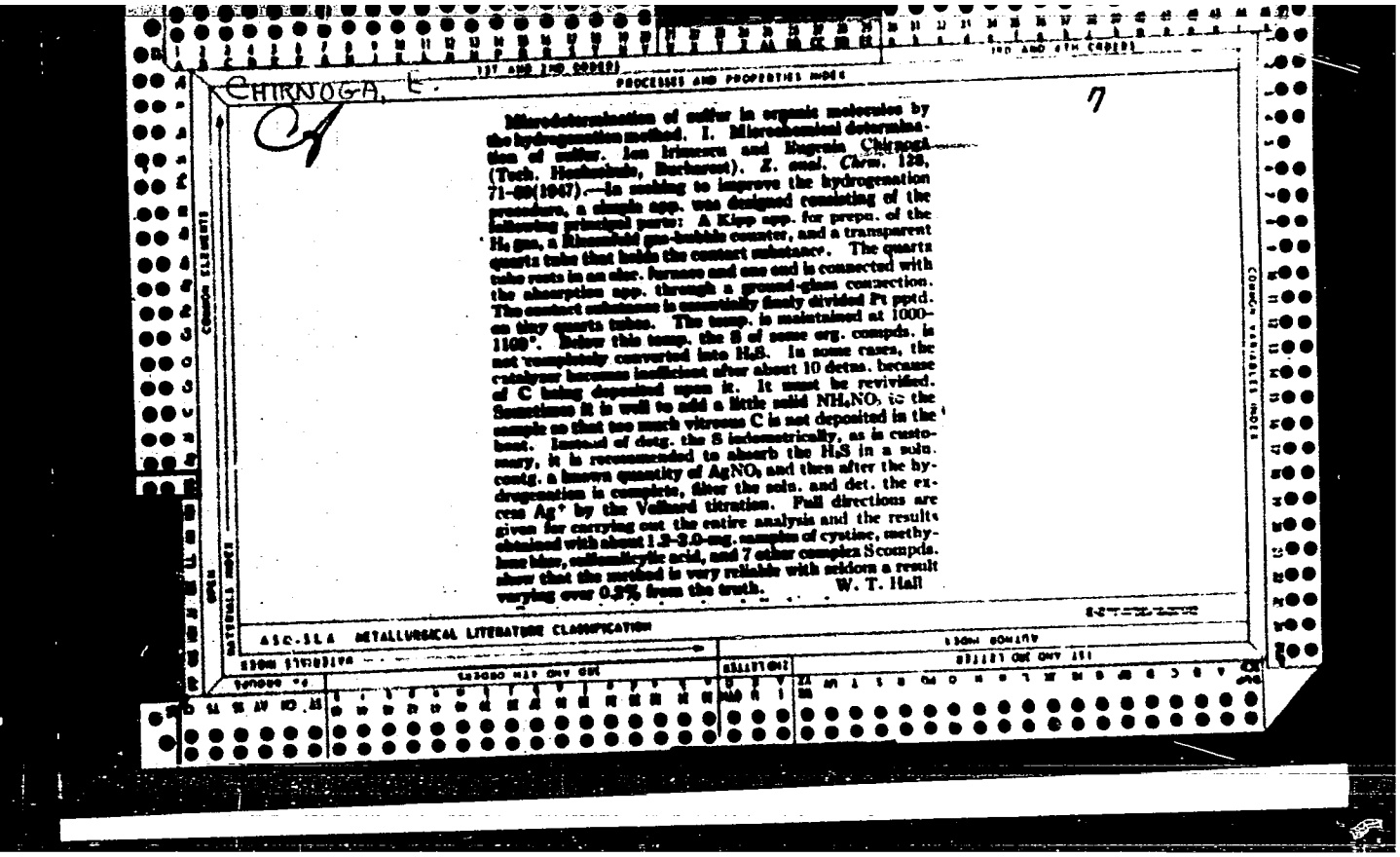
Blackboard in geography lessons. Geog. v shkole 26 no.4: 38-42 Jl-Ag '63. (MIRA 17:1)

1. 27-ya shkola Leningrada.

CHIRKUNOVA, A.V.

Methods of sowing red clover for seed. Zemledelie 26 no. 4: 77 Ap '64. (MIRA 17:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormol.



CHIRNOGA, E.

7

Microdetermination of sulfur in organic molecules by the hydrogenation method. I. Microchemical determination of sulfur. Ion Irimescu and Eugenia Chirnoga (Tech. Hochschule, Bucharest). Z. anal. Chem. 128, 71-89(1947).—In seeking to improve the hydrogenation procedure, a simple app. was designed consisting of the following principal parts: A Kipp app. for prepn. of the H_2 gas, a Rheinhold gas-bubble counter, and a transparent quartz tube that holds the contact substance. The quartz tube rests in an elec. furnace and one end is connected with the absorption app. through a ground-glass connection. The contact substance is essentially finely divided Pt pptd. on tiny quartz tubes. The temp. is maintained at 1000–1100°. Below this temp. the S of some org. compds. is not completely converted into H_2S. In some cases, the catalyzer becomes insufficient after about 10 detns. because of C being deposited upon it. It must be revivified. Sometimes it is well to add a little solid NH_4NO_3 to the sample so that too much vitreous C is not deposited in the boat. Instead of detg. the S iodometrically, as is customary, it is recommended to absorb the H_2S in a soln. contg. a known quantity of $AgNO_3$ and then after the hydrogenation is complete, filter the soln. and det. the excess Ag^+ by the Volhard titration. Full directions are given for carrying out the entire analysis and the results obtained with about 1.2–3.0-mg. samples of cystine, methylene blue, sulfosalicylic acid, and 7 other samples S compds. show that the method is very reliable with seldom a result varying over 0.3% from the truth. W. T. Hall

ZHIVOPISTSEV, F. A., KAMINSKIY, A. K., PERKLONOV, A. M. and CHIRKOV, Y. M.

"Sur le Calcul des Niveaux d'energie des noyaux legers."

report presented at the Intl. Congress for Nuclear Interactions (Low Energy) and Nuclear Structure (Intl. Union Pure and Applied Physics) Paris, 7-12 July 1958.

CHIROV, D.A.

21 (0), 24 (0) SOV/89-7-2-16/24

AUTHOR: Tyagunov, G. A.

TITLE: Scientific Conference of the MIFI (Nauchnaya konferentsiya MIFI)

PERIODICAL: Atomnaya energiya, 1959, Vol 7, Nr 2, pp 176-177 (USSR)

ABSTRACT: The yearly scientific meeting was held from 17 April to 15 May 1959 in the Moskovskiy inzhenerno-fizicheskiy institut (Moscow Physical Engineering Institute). More than 600 participants from 100 different institutes attended the 2 plenary and 18 sectional conferences. A total of 148 lectures were held. The following lectures are specially mentioned: M. K. Romanovskiy on the thermo-nuclear examinations, N. G. Basov on the physical foundations of molecular generators and amplifiers, A. I. Leypunskiy on the construction of a fast reactor, I. Ya. Pomeranchuk on the theory of the peripheral collision of mesons and nucleons. A. B. Migdal on superfluidity and momentum of inertia of the nuclei, A. S. Kompaneyets on the strong electromagnetic gravity wave, V. I. Gol'danskiy on levels which are excited within the nucleus shell and methods of comprehending them. I. L. Rozental' and L. A. Prokhorova on the analysis of the possible experiments for the determination of the measurements of the μ-mesons, V. I. Dianov-Klokov on the spectrum of liquid and crystalline hydrogen under pressure (6000-10000 atm) and an instrument for measuring the absorption curves, I. A. Lyapidevskiy and O. V. Glazadina on new application possibilities of the diffusion chamber, A. V. Shal'nov on calculation methods for linear electron accelerators with migratory waves, P. A. Ryazin, A. B. Mingazin and A. I. Zabeyev on new theories of the electron capture under betatron conditions of the acceleration, Ya. G. Pratnov on optimum wave length for a generator, S. P. Lomnev and G. A. Tyagunov on magnetic focusing in a linear electron accelerator, O. A. Val'dner, P. A. Dmitrovskiy, D. V. Zorin, Yu. V. Klein on the 3 new linear accelerators of the MIFI, and V. V. Kuznetskiy, O. A. Val'dner, V. V. Kotov and V. N. Chesnokov on examination of the electron movement in the system of the elatron with consideration of the scattering fields, O. A. Krayev on impulse method for measuring the heat conduction capacity of liquids and the theory of this method, Ya. M. Khabakhpashev, Yu. V. Il'in and D. A. Chirov on heat transmission to the eutectic Na-K which flows in a circular space, V. I. Petrovichev on heat transmission to circulating mercury, Y. M. Royzin on special conditions when working with a flat triode in

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the impulse technique, O. S. Pofurayer on calculation methods and construction of an impulse transformer for instruments with semi-conductor elements, Ya. A. Khetagurov on a possibility judge the characteristics of magnetic recording of impulses, B. I. Kal'nin on the element system for a universal digital computer, V. S. Malov on multiple control of the parameters of technologic processes, P. I. Popov on analysis of several systems with which physical energy apparatus can be automatically started, Yu. I. Topchayev on a method to examine the quality of a reactor control when the reactivity changes stepwise or linearily. G. A. Leont'yev and A. I. Yevstyukhin on examination of the iodine method of refining niobium and characteristics of the metal obtained, P. L. Gruzin and G. G. Ryabova on examination of the micro-distribution of carbon, tungsten, iron and other elements in zirconium and its alloys by use of autoradiography, G. B. Fedorov on determination of the sublimation heat of zirconium and nickel by using radioactive indicators and G. B. Fedorov and A. M. Semenikhin on determination of the diffusion coefficients of chromium, nickel, iron and chromium nickel steels. The literature for all these lectures will be published by the MIFI in a symposium.

Card 3/3

CHIROV, P.A.; GREBENYUK, R.V.; TARBINSKIY, S.P.

Studying the fauna of horseflies (Diptera, Tabanidae) of Kirghizistan. Report No.1. Sbor.ent.rab. no.1:171-176 '62. (MIRA 16:2)

(Kirghizistan—Horseflies)

CHIROV, V.K., kapitan 3-go ranga

Characteristics of combat training on a long-distance cruise. Mor. sbor. 48 no.3:52-62 Mr '65. (MIRA 18:8)

SERGIYENKO, S.R.; MEDVEDEVA, V.D.; PLETNOVA, A.A.; CHIROVA, Ye.V.

Effect of the length of n.paraffin chains on the selectivity of dehydrogenation on a zinc-chromium catalyst. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no.5:61-68 '64. (MIRA 17:12)

1. Institut khimii AN Turkmenskoy SSR.

SERGIYENKO, S.R.; GARBALINSKIY, V.A.; PETROVA, A.A.; CHIROVA, Ye.V.; MURADOVA, G.A.

Composition and properties of hydrocarbons from condensates of the Islim deposit. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no.1:37-47 '65. (MIRA 18:7)

1. Institut khimii AN Turkmenskoy SSR.

CHIRPANSKI, V.

Shooting with self-propelled artillery from conceal firing positions. p. 74.

AMERISKI PREGLED. (Ministerstvo na naradnata otbrana) Sofiia, Czechlovakia.
Vol. 5, no. 6, 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 9, No. 2, Feb. 1960
Uncl.

Physiology

BULGARIA

CHIRPUKOV, T., Lieutenant-Colonel of the Medical Service

"Some Vascular Changes Following Frostbite"

Sofia, Voenno Meditsinsko Delo, Vol 21, No 1, Feb 66, pp 14-17.

Abstract: Observations carried out on 39 cases of frostbite (members of a military detachment who froze their feet during training in the winter) indicated that the blood vessels were affected to a considerable distance from the local site of necrosis and the blood circulation(as shown by oscillograms) was insufficient as a result. The remote effect on the blood vessels and circulation is ascribed to irritation of the sympathetic nervous system and vascular spasm. Administration of vasodilatants(acetylcholine, padutin) alleviated the condition. Figure and graphs, 4 references (2 Bulgarian, 2 USSR). Russian summary.

LEBEDEV, Ye.P., dots.; CHIRSKIY, G.M., dots.; VALAKHANOVICH, A.I.; FARAFALOV, G.Ya., red.; NIKOL'SKAYA, K.G., tekhn. red.

[Statistics of passenger transportation]Statistika perevozok passazhirov; uchebnoe posobie po distsiplinam "Zheleznodorozhnaia statistika" i "Osnovy statisticheskogo i bukhgalterskogo ucheta na zheleznodorozhnom transporte" dlia studentov IV kursa spetsial'nosti "Ekonomika i organizatsiia zheleznodorozhnogo transporta" i V kursa spetsial'nosti "Ekspluatatsiia zheleznykh dorog." Moskv., 1962. 21 p. (MIRA 15:12)

1. Moscow. Vsesoyuznyy zaochnyy institut inzhenerov zheleznodorozhnogo transporta.
(Railroads--Passenger traffic) (Railroads--Statistics)

IVSHIN, Pavel Yakovlevich; KUKHARKINA, N.M., retsenzent; MER, N.M., retsenzent; KRISHTAL', L.I., red.; CHIRSKIY, G.M., red.; VASIL'YEVA, N.N., tekhn. red.

[Statistics of the locomotive depot; records and accounting] Statistika v lokomotivnom depo; uchet i otchetnost'. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 111 p. (MIRA 15:3)
(Railroads--Statistics) (Locomotives)

YAKUBOV, Lev Sergeyevich; BOLTNIKOV, A.S., retsenzent; CHIRSKIY, G.M., red.

[Principles of railroad statistics] Osnovy zheleznodorozhnoi statistiki. 3. perer. izd. Moskva, Transport, 1964. 261 p. (MIRA 17:11)

CHERSKOV, A.G.

Changes in the code relaying network of the switch district of a railroad. Avtom. telem. i sviaz' 5 no.9:38-39 S '61. (MIRA 14:10)

1. Starshiy inzh. laboratorii signalizatsii i svyazi Vostochno-Sibirskoy dorogi.
(Railroads—Switching)
(Railroads—Signaling)

CHIRSKOV, A.G., starshiy inzhener

Choice of the capacitance of the protective capacitor in rail networks with a frequency of 75 c.p.s. Avtom., telem. i sviaz' 5 no.10:36 O '61. (MIRA 14:9)

1. Laboratoriya signalizatsii i svyazi Vostochno-Sibirskoy dorogi.
(Railroads—Signaling) (Electric capacitors)

CHIRSKOV, A.G.

Change in the motor network of track-side code transmitters. Avtom., telem.i sviaz' 6 no.11:33 N '62. (MIRA 15:11)

1. Starshiy inzh. laboratorii signalizatsii i svyazi Vostochno-Sibirskoy dorogi.
(Railroads—Electric equipment)

CHIRSKOV, A.G.

Measurement of the contact resistance of rail joints with graphite lubricant. Avtom., telem. i sviaz' 9 no.3:25-28 Mr '65. (MIRA 18:11)

1. Starshiy inzh. laboratorii svyazi Vostochno-Sibirskoy dorogi.

CHIRSKOV, G.V.

Activity of Al'met'evburneft' efficiency promoters. Bezop. truda v prom. 3 no.12:28-29 D '59. (MIRA 13:4)

1. Inzhener po tekhnike bezopasnosti tresta Al'met'yevburneft'. (Al'met'evsk (Tatar A.S.S.R.)—Oil well drilling)

CHIRSKOV, M. Ya.

Orthopedics

Dissertation: "Problems and Methods of Experimental Investigation of Mechanical Parameters of Prostheses." Cand Tech Sci, Moscow Order of the Labor Red Banner Higher Technical Schoom imeni Bauman, 5 Apr 54. (Vechernyaya Moskva, Moscow, 26 Mar 54).

SO: SUM 213, 20 Sep 1954

CHIRSKOV, M.Ya.

Experimental investigation of the mechanisms of artificial limbs. Trudy Sem.po teor.mash. 15 no.59:34-56 '55. (MLRA 9:6)
(Artificial limbs--Testing)

ALEXA, Gheorghe, dr. ing., Prof. Emerit; CHIRTA, Gheorghe, conf. ing.; CHIRTA, Aglaia, lect. ing.; MANCIU, Maria, ing.; SCHIFTER, Hari, ing.; MANESCU, Valeriu, ing.

Stability in time of chemical and physical characteristics of leather tanned by a combination tannage with chromium and formaldehyde. Industria usoara 10 no.1:3-6 Ja '63.

CHIRTA , G.; CRISTESCUC, L.; IONESCU, E.

Obtainment of defluerinated thermophosphates. p. 572

REVISTA DE CHIMIE. (Ministerul Industriei Petrolului si Chemici s i Asociatia Stiintifica A Ingineriler si Thenicieniler din Rominia) Bucuresti, Rumania, Vol. 10, no. 10, Oct. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2, August 1959
UNCL.

ALEXA, Gheorghe, dr. ing., Prof. Emerit; CHIRTA, Gheorghe, conf. ing.; CHIRTA, Aglaia, lect. ing.; MANCIU, Maria, ing.; SCHIFTER, Hari, ing.; MANESCU, Valeriu, ing.

Stability in time of chemical and physical characteristics of leather tanned by a combination tannage with chromium and formaldehyde. Industria usoara 10 no.1:3-6 Ja '63.

PAUNESCU-PODEANU, A., prof.; MICLEA, F., dr.; CHIRTA, P., dr.

Methods of stimulating the action of corticoids in case of cortico-resistance. Importance of shock methods, especially of pyretic shock. Med. intern., Bucur 13 no.4:553-558 Ap '61.
(ADRENAL CORTEX HORMONES therapy)
(SHOCK THERAPY, INSULIN) (FEVER THERAPY)

GHERMAN, Gr.; CHIRTOC, Gh.

Two cases of broncho-pulmonary mycosis. Med. int., Bucur. 9 no.11: 1717-1723 Nov 57.

1. Lucrare efectuata in Clinica a II-a medicala Cluj - director prof. I. Goaia.

(FUNGUS DISEASES, case reports
bronchopulm. aspergillosis & candidiasis)
(LUNG DISEASES
fungus dis.)

Chirtoc, Ch.

GLIGORE, V.; CHIRTOC, Gh.; WEISS, L.

Clinical and therapeutic aspects of intra- and post-infection acute thyroiditis. Med. int., Bucur. 9 no.12:1814-1821 Dec 57.

1. Clinica a II-a medicala, Cluj (prof. I. Goia)
(THYROIDITIS
acute, post-infectious, diag. & clinc. aspects)

GOIA, I.; CHIRTOC, Gh.; NEGRU, A.; CRACIUN, T.

Acute rheumatic polyvisceritis. Med. int., Bucur. 10 no.5:673-678 May 58.

1. Lucrare efectuata in Clinica a II-a medicala, Cluj.
(RHEUMATISM, case reports
rheum: polyvisceritis, acute, with polyarthritis & arteritis)
(ARTHRITIS, RHEUMATOID, case reports
polyarthritis, with rheum. polyvisceritis & arteritis)
(ARTERITIS, case reports
with rheum. polyvisceritis & polyarthritis)

GOIA,I.,prof.; CHIRTOC,G.; NEGRU,A.; CRACIUN,T.

Acute rheumatic polyviscerities. Rumanian M. Rev. 3 no.3:48-52 Jl-S '59.

1. 2nd Medical Clinic, Cluj.
(RHEUMATISM)

GOJA, I., prof.; GILGORE, V., conf.; CHIRTOC, Gh., dr.; DIMITRESCU, I., dr.

A new method of establishing a differential diagnosis between gastric ulcer and cancer. Med. inter., Bucur 13 no.5:733-748 My '61.

1. Lucrare efectuata in Clinica a II-a medicala, Cluj.
(PEPTIC ULCER diagnosis) (STOMACH NEOPLASMS diagnosis)
(GASTRITIS diagnosis) (GLUCOSE pharmacology)

GOIA, I., prof.; CHIRTOC, Gh., dr.; TICLETE, I., dr.; DUJU, Alex., dr.

Diencephalic syndromes in the course of rheumatic disease.
Med. intern. 15 no.7:785-792 Jl '63.

1. Lucrare efectuata in Clinica a II-a medicala, Cluj.
(RHEUMATISM) (NEUROLOGIC MANIFESTATIONS)
(DIENCEPHALON) (POLYURIA)

DORCA, N., dr.; CHIRTOC, Gh., dr.; TICLETE, I., dr.

Urological diseases with an evolutive aspect of renal sclerosis.
Med. intern. 15 no.11:1319-1324, N '63.

1. Lucrare efectuata in Clinica a II-a medicala I.M.F., Cluj.
(UROLOGY) (NEPHROSCLEROSIS) (BLADDER CALCULI)
(PROSTATIC HYPERTROPHY) (URINARY TRACT INFECTIONS)
(KIDNEY CALCULI)

CHIRTSOV, A.D.

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Akademiya nauk SSSR. Astronomicheskiy sovet

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PURPOSE: This bulletin is intended for scientists and engineers concerned with optical tracking of artificial satellites.

COVERAGE: This bulletin contains short articles on optical equipment, techniques, and results of observations of artificial earth satellites. Also covered are the precision of satellite photography and the equations of motion of satellites. No personalities are mentioned. There are no references.

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