

PSHENICHKIN, P. A., and VOLKOV, D. I.,

"Anomalous Temperature Dependence of Paramagnetic Susceptibility of Some Mn-Alloys."

report presented at the Symposium on Ferroelectricity and Ferromagnetism, Leningrad, 30 May-5 June 1963.

24.7000

39474
S/056/62/043/002/053
B102/B104

AUTHORS:
TITLE:

Volkov, D. I., Pshenichkin, P. A., Karpacheva, G. P.
Temperature dependence of the magnetic susceptibility of
manganese-copper alloys

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 43,
no. 2(8), 1962, 370 - 375

TEXT: The magnetic properties of Cu-Mn alloys show peculiarities, the causes of which have so far not been fully clarified. The authors studied $\chi(T)$ between 77 and 1250°K for Mn concentrations from 5.76 - 91.2 at%. Measurements were made by the weighing method. The alloys were fused in an evacuated h-f furnace. At low temperatures, all alloys show an anti-ferromagnetic transition (Neel point θ_N); θ_N lies the deeper, the lower the Mn content; from 50% Mn upward, it remains constant at about 150°K. The course of the curves $\chi^{-1}(T)$ showing a minimum at θ_N depends on the Mn content: up to 17%, they are linear between θ_N and the melting point,
card 1/2

Temperature dependence of the ...

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B102/B104

as from 22% between θ_N and room temperature. They show a salient point at room temperature, and go on linearly up to the melting point. The inclination of these straight lines is the greater, the higher the Mn concentration. Resistivity maxima occur at these critical temperatures. Alloys containing 82.5 and 91.2 at% Mn show an abnormal behavior of $\chi(T)$: χ grows with the temperature. The experimental results can be explained by assuming that conduction electrons participate in the exchange interaction. There are 5 figures.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet (Moscow State University)

SUBMITTED: January 8, 1962

Card 2/2

ZELENTSOV, V.V.; PSHELICHKIN, P.A.

Study of the magnetic characteristics of vanadyl salicylal-
2'-hydroxyanilate and its 5-chloro- and 5-bromo derivatives.
Zhur. strukt. khim. 5 no.5: 714-718 S-O '64 (MIRA 18:1)

1. Moskovskiy fiziko-tekhnologicheskii institut i Moskovskiy
gosudarstvennyy universitet imeni M.V. Lomonosova.

VOLKOV, D.I.; PSHENICHKIN, P.A.

Paramagnetism of manganese-antimony alloys at high temperatures.
Fiz. met. i metalloved. 11 no. 4:513-518 Ap '61. (MIRA 14:5)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
(Manganese-antimony alloys--Magnetic properties)
(Metals at high temperatures)

VOLKOV, D.I.; PSHENICHKIN, P.A.; BUBLIK, N.I.

Anomalous temperature dependence of the paramagnetic susceptibility of certain manganese alloys. Fiz. met. i metalloved. 17 no.5:698-702 My '64. (MIRA 17:9)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

PSENICHKIY A.I.
~~PSENICHKIY, A.I.~~

"On the Statistical Relationship Between Circulation Types of the
Northern Hemisphere," Geographical Journal, Acad. Sci. USSR, No.
3, 1956.

Trans: 9;015,987

Inst. of Mathematics and Mechanics,
Acad. Sci. Uzbek SSR, Tashkent.

KUZYUMIN, N.; PSHENICHKO, P.; PEREL'MAN, V.

When the community has no control. Sov.profso'iny. 16 no:12:
17-19 Ja '60. (MIRA 13:6)

1. Profgruporg brigady plotnikov tret'yego uchastka stroitel'stva Balakleyskogo tsementnogo zavoda, g.Balakleya, USSR (for Kuzyumin).
2. Brigadir kompleksoy brigady vtorogo uchastka stroitel'stva Balakleyskogo tsementnogo zavoda, g.Balakleya, USSR (for Pshenichko).
3. Korrespondent zhurnala "Sovetskiye profsoyuzy" (for Perel'man).

(Balakleia--Cement industries)

1. SELEKH, M.A., PSHENICHNAYA, A.D.
2. USSR (600)
4. Dnepropetrovsk Province - Calves
7. Practice of leading farmers in raising calves on the collective farms of Dnepropetrovsk Province. Sots. zhiv. 15 no. 1:45-51 1953

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

GOVORUKHIN, A.P.; PSHENICHNAYA, A.M.; SMELAYA, T.V.; ZAYTSEVA, M.B.;
Prinimali uchastiye: KALASHNIKOV, N.V.; PLAKSINA, A.I.;
DOLGOSHOV, V.I., starshiy nauchnyy sotrudnik. PORTNYAGIN, I.I.,
otv.red.; ROGOVSKAYA, Ye.G., red.; BRAYNINA, M.I., tekhn.red.

[Agroclimatic reference book on Orel Province] Agroklimaticheskii
spravochnik po Orlovskoi oblasti. Leningrad, Gidrometeor.izd-vo,
1960. 91 p. (MIRA 13:11)

1. Kursk. Gidrometeorologicheskaya observatoriya. 2. Upravleniye
gidrometsluzhby tsentral'no-chernozemnykh oblastey (for Govorukhin,
Pshenichnaya, Smelaya). 3. Institut geografii AN SSSR (for Dolgoshov).
(Orel Province--Crops and climate)

GOVORUKHIN, A.P.; SMELAYA, T.V.; ~~PSHENICHNAYA, A.M.~~; DOLGOSHEV, V.I.,
nauchnyy sotrudnik; ZAYTSEVA, M.B.; NEDOSHIVINA, T.G., red.;
VLADIMIROV, O.G., tekhn.red.

[Agroclimatic manual for Bryansk Province] Agroklimaticheskii
spravochnik po Brianskoj oblasti. Leningrad, Gidrometeor.izd-vo,
1960. 111 p. (MIRA 14:4)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeorologi-
cheskoy sluzhby. Upravleniye gidrometeorologicheskoy sluzhby
TSentral'no-chernozemnykh oblastey. 2. Institut geografii AN SSSR
(for Dolgoshev).
(Bryansk Province--Crops and climate)

GOROKHOV, D.I.; GOVORUKHIN, A.P.; SMELAYA, T.V.; PSHENICHNAYA, A.M.;
ZAYTSEVA, M.B.; Primali uchastiye: KALASHNIKOV, N.V.;
PLAKSINA, A.I.; PORTNYAGIN, I.I., otv.red.; ROGOVSKAYA, Ye.G.,
red.; VOLKOV, N.V., tekhn.red.

[Agroclimatic reference book on Tambov Province] Agroklimati-
cheskii spravochnik po Tambovskoi oblasti. Leningrad, Gidro-
meteor.izd-vo, 1959. 123 p.
(MIRA 13:2)

1. Kursk. Gidrometeorologicheskaya observatoriya. 2. Upravle-
niye gidrometsluzhby Tsentral'no-Chernozemnykh oblastey (for
Gorokhov, Govorukhin, Smelaya, Pshenichnaya, Zaytseva).
(Tambov Province--Crops and climate)

GOVORUKHIN, A.P.; SMELAYA, T.V.; PSHENICHNAYA, A.M.; ZAYTSEVA, M.B.
Prinimali uchastiye: KALASHNIKOV, N.V.; FLAKSINA, A.I.;
DOLGOSHOV, V.M., starshiy nauchnyy sotrudnik. PORTNYAGIN,
I.I., otv.red.; MIRONENKO, Z.I., red.; VOLKOV, N.V., tekhn.red.

[Agroclimatic manual for Lipetsk Province] Agroklimaticheskii
spravochnik po Lipetskoj oblasti. Leningrad, Gidrometeor.izd-vo,
1960. 94 p. (MIRA 14:1)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeoro-
logicheskoy sluzhby. Upravleniye gidrometeorologicheskoy sluzhby
TSentral'no-Chernozemnykh oblastey. 2. Upravleniye gidrometsluzhby
TSentral'no-Chernozemnykh oblastey (for Govorukhin, Smelaya,
Pshenichnaya, Zaytseva). 3. Institut geografii Akademii nauk SSSR
(for Dolgoshov).
(Lipetsk Province--Crops and climate)

KAPLAN, V.; PSHENICHNAYA, E.

Testing the carbamide content of feed mixtures. *Mik.-slev. prom.*
29 no.6:21-22 Je '63. (MIRA 16:7)

1. Nauchno-issledovatel'skiy institut zhivotnovodstva Lesostepi i
Poles'ya UkrSSR.

(Feeds--Analysis) (Urea as feed)

ZHELUDKOV, Aleksey Petrovich, kand.ekonom.nauk; PSHENICHNAYA, G., red.;
TREBUKHOV, N., tekhn.red.

[Wages in collective farms] Oplata truda v kolkhovakh.
Kostromskoe knizhnoe izd-vo, 1958. 76 p. (MIRA 12:2)
(Wages) (Collective farms)

BELOZEROV, Petr Ignat'yevich; PSHENICHNAYA, G., red.; TROPINOVA, Z.,
tekhn.red.

[Vegetation of Kostroma Province and its utilization] Rastitel'nost' Kostromskoi oblasti i ee ispol'zovanie. Kostroma, Kostromskoe knizhnoe izd-vo, 1959. 72 p.

(MIRA 14:1)

(Kostroma Province--Botany, Economic)

VESELOV, Nikolay Afanas'yevich; MATVEYEV, Vasiliy Matveyevich, zootekhnik;
PSHENICHNAYA, G.N., red.; PANKRATOV, A.I., tekhn. red.

[Loose housing of cattle; from experience of the "Shuiskii"
State Farm] Bespriviaznoe soderzhanie skota; iz opyta raboty
sovkhosa "Shuiskii." Ivanovo, Ivanovskoe knizhnoe izd-vo,
1962. 53 p. (MIRA 15:4)

1. Direktor sovkhosa "Shuyskiy", gorod Ivanovo, Ivanovskaya oblast'
(for Veselov).
(Ivanovo Province--Dairy barns)

PSHENICHNAYA LA

KUCHERUK, V.V.; PETROV, V.G.; DUNAYEVA, T.N.; PSHENICHNAYA, L.A.;
MEDVEDEVA, M.S.; GLUSEKO, N.V.

Characteristics of the natural foci of tularemia in forest shelter-
belts and ways of controlling them. Vop.kraev., ob. i eksp.paraz. i
med.zool. 9:140-152 '55. (MIRA 10:1)

1. Iz otdela parazitologii i meditsinskoy zoologii (zav. - akad.
Ye.N.Pavlovskiy) Instituta epidemiologii i mikrobiologii imeni
N.F.Gamaleya (dir. - deystvitel'nyy chlen Akademii meditsinskikh
nauk SSSR prof. G.V.Vygodchikov) Akademii meditsinskikh nauk SSSR i
Stavropol'skogo protivoepidemicheskogo instituta (dir. V.N.Ter-
Vartanov) Ministerstva zdravookhraneniya SSSR.
(TULAREMIA) (WINDBREAKS, SHELTERBELTS, ETC.)

PSHENICHNAYA, I.E. (Kiyev); SKOROKHOD'KO, E.F. (Kiyev)

Synthesis of intelligent sentences in an electronic digital
computer. Probl. kib. no.10:261-273 '63.

(MIRA 18:4)

BRAYCHEVSKIY, M.Yu.; PSHENICHNAYA, L.E.; SKOROKHOD'KO, E.F.

Information retrieval in the field of archaeological literature.
NTI no.8:13-16 '63. (MIRA 16:10)

PAHENICHNAYA, L.A., MEDVEDEVA, M.S., DUNAYEVA, T.N., PETROV, V.G., KUCHERUK, V.V.,
and GLUSHKO, N.V.

"Peculiarities of the Existence of Natural Nidi of Tularemia in Shelter-belt
Zones and the Means of Improving Health Conditions in These Nidi", Problems of
Regional, General and Experimental Parasitology and Medical Zoology, Vol, 9, 1955.

Division of Parasitology and Medical Zoology, Inst, Epidemiology and Microbiology
imeni N. F. Gamleys, AM~~S~~ USSR

Sum. I305

L 17109-65 EWT(d)/BXT/EED-2/EWP(1) Pg-1/Pk-1/Po-1/Pq-1 IJP(a)/ASD(a)-5/
SSD/AFMD(p)/AFWL/AFETR/RAEM(c)/RAEM(1)/ESD(c)/ESD(sp)/ESD(t) GG/BB

ACCESSION NR: AP4048652

8/0315/64/000/006/0025/0028

AUTHOR: Pshenichnaya, L. E.; Skorokhod'ko, E. F.

TITLE: Information retrieval with the aid of common meaning codes B

SOURCE: Nauchno-tehnicheskaya informatsiya, no. 6, 1964, 25-26

TOPIC TAGS: information retrieval, coding, common meaning code

ABSTRACT: An experimental system for information retrieval, based on a consideration of the common meaning of two concepts, was developed at the Institut kibernetiki (Institute of Cybernetics) of the AN UkrSSR. A connection is said to exist if the contents of two concepts contain at least one common element. The code for any expression can be represented in the form of a branching system in which the apex node is the convolution of the code. the center row of nodes is the code itself and the bottom row is the involution of

document A has a hypothetical common meaning with B if the graph of B contains an apex A

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ACCESSION NR: AP4048652

connected with the apex B by a solid line. The document A has an unconditional common proximity to the request B if the graph of A contains an apex B connected to apex A by a dotted line, and when the situation is reversed, the document A is said to have a hypothetical common proximity to the request B. The experimental search system was programmed on the electronic computer "Kiev", using a total of 510 documents on radio engineering and computer technology. It was based on comparison of the second order code involutes and the results were classified into four columns, according to the degree of association with the request codes. The answers contained "search noise" which varied from 5 to 30% of the total number of elements contained in the request and about 70% of this noise occurred in the fourth column, i.e. the column whose connection to the request topic was weakest. Orig. art. has: 2 equations and 3 figures.

ASSOCIATION: none

SUBMITTED: 26Jan64

ENCL: 01

SUB CODE: DP

NO REF SOV: 001

APPROVED FOR RELEASE: 06/15/2000

OTHER: 000

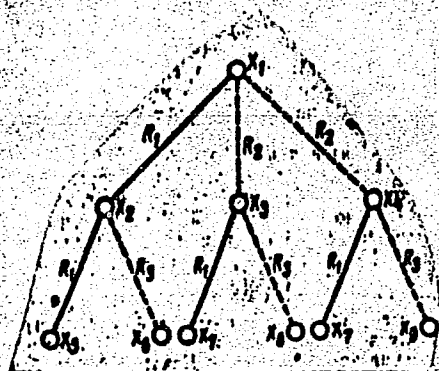
CIA-RDP86-00513R001343510008-

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ACCESSION NR: AP4048652

ENCLOSURE: 01



Convolution

Meaning Code

Involute

Figure 1
Branching graph of an information system

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PSHENICHNYI, B. P. (Kiyev)

Computations for the design of power transmission systems
performed by electronic computers. Zhur. vych. mat. i mat.
fiz. 2 no.5:942-947 S-0 '62. (MIRA 16:1)

(Power transmission)
(Electronic calculating machines)

OCHKUR, A.P.; PSHENICHNYI, G.A.

Using the effect of gamma-ray reflection for estimating certain
metals in ores. Vop. rud. geofiz. no.5:104-108 '65.

(MIRA 18:9)

ОСЕНЬ, А.П., ИВАНОВ ИВАН, Г.А., КОСМИЧЕВ ИВАН, С.И., ОРЛОВ, И.И.

Experiments in using the method of gamma-ray reflection for
the quantitative determination of iron in the underground
boreholes of the Ordzhonikidze mine, Krivoy Rog Basin.
Vop. rud. geofiz. no.5:109-112 '65. (MIRA 18:9)

PSHENICHNIY, G.I., kapitan 3-go ranga

Lecture and seminar method of political studies. Mor. sbor. 47 no.1;
38-42 Ja '64. (MIRA 18:7)

BSHENYCHNYI, G.I., inzh.

Semi-automatic continuous line for cutting and stamping magnetic
circuit plates of power transformers. Energ. i elektrotekh.
prom. no.4:14-17 G-D '63. (MIRA 17:10)

motornykh katkov
KRIVSHIN, Aleksandr Pavlovich, kandidat tekhnicheskikh nauk; PSHENICHNYI,
Gennadiy Ivanovich, inzhener; VOSKRESENSKIY, N.I., redaktor; KOGAN,
F.L., tekhnicheskiiy redaktor.

[Repairing motor road rollers] Remont motornykh katkov. Moskva,
Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1955. 49 p.
(Road rollers)

PSHEMICHNEY, G.N.

Mineralogical form of gold and its associations in sulfide
ores in the Gey pyritic copper deposit. Mat. po geol. i
pol. iskop. Urala no. 3:161-167 '62. (MIRA 17:7)

PSHENICHNYY, G.N.; SHADLUN, T.N.

Banded and schistose textures of ores in the Gay deposit of the Southern Urals. Geol.rud.mestorozh. no.6:74-93 N-6 '62.

(MIRA 15:12)

1. Gornogeologicheskii institut Bashkirskego filiala AN SSSR, Ufa i Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR.

(Gay region (Orenburg Province)--Metamorphism (Geology))
(Ore deposits)

PSHONIMNYI, G.N.

Occurrences and distribution of thallium in sulfide ores. Geo-
khimika no.8:699-702 '61. (MIRA 17:6)

1. Yuzhno-Ural'skoye geologicheskoye upravleniye.

PSHENICHNYI, I.

Center of mining research. Mast.ugl. 8 no.6:8,8a,8b Jan '59.
(MIRA 12:10)

(mining research)

PSHENICHNYI, I.D., TRAYNIS, V.V.

Hydraulic conveying of lump coal in plastic-viscous sludge. Ugol'
35 no.7:48-53 J1 '60. (MERA 13:7)
(Hydraulic mining)

FROLOV, A.G., doktor tekhn. nauk; TRAYNIS, V.V., kand. tekhn. nauk;
PSHENICHNYY, I.D., inzh.; CHAPLIN, B.N., inzh.

Hydraulic haulage of lump coal in a stream of coal slurry. Ugol'
34 no.6:5-9 Je '59. (MIRA 12:8)
(Hydraulic mining) (Mine haulage)

USSR / Human and Animal Physiology. Sensory Organs. T

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41791.

Author : ~~Pshenichnyy, I. P.~~

Inst : Stavropol Medical Institute.

Title : The Influence of the Corneal Receptors of the
Eye in the Development of Experimental Keratitis.

Orig Pub: Uch. zap. Stavropolsk. med. in-t, 1957, vyp, 1,
137-142.

Abstract: No Abstract.

Card 1/1

150

USSR / Human and Animal Physiology. Sense Organs.
Vision.

T

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102293.

Author : Pshenichnyy, I. P.
Inst : Stavropol Medical Institute.
Title : The Significance of the Initial Functional State
of the Central Nervous System and Receptory Appa-
ratus of Animal Cornea in the Development of
Experimental Keratitis.

Orig Pub: Uch. zap. Stavropol'sk. med. in-t, 1957, vyp.1,
143-150.

Abstract: Keratitis was induced in rabbits by way of burning
the cornea on the background of ether narcosis or
in combined application of narcosis and anesthesia
with dicaine. The observations of the course of
keratitis were accompanied by measuring the T⁰ and

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PSHENICHNYI, I.P. , Cand Med Sci -- (diss) "Role of
the nervous system in the development, course, and
~~issue~~ ^{outcome} of experimental keratitis." Tomsk, 1958,
17 pp (Tomsk State Med Inst) 250 copies (KL, 29-58, 137)

- 126 -

PSHENICHNYY, I.P. (Khabarovsk)

"Hyperleukocytic reaction" of the blood to the administration of caffeine and bromine preparations during the course of the inflammatory process. Pat. fiziol. i eksp. terap. 4 no.3:71-72 My-Je '60.

(MIRA 13:7)

1. Iz kafedry patofiziologii (zav. - prof. V.A. Chepurin) Stavropol'skogo meditsinskogo instituta i kafedry patofiziologii (zav. - kandidat meditsinskikh nauk L.B. Turbina) Khabarovskogo meditsinskogo instituta.

(INFLAMMATION—EXPERIMENTAL) (CAFFEINE)
(BROMIDES) (LEUKOCYTOSIS)

PSHENICHNYY, I.P.

Dynamics of changes in the blood leukocytes in dogs with different types of higher nervous activity. Zhur. vys. nerv. delat. 10 no. 3:435-442 My-Je '60. (MIRA 14:2)

1. Laboratory of Experimental Genetics of Higher Nervous Activity, Pavlov Institute of Physiology, U.S.S.R. Academy of Sciences, Koltushi, and Chair of Pathological Physiology, Medical Institute, Stavropol'.

(TEMPERAMENT) (LEUKOCYTES)

PSHENICHNYI, I.P.

Nature of the course of inflammatory reactions of the skin in
dogs with different types of higher nervous activity. Vest. dermat.
i ven. 34 no.7:8-13 '60. (MIRA 13:12)
(NERVOUS SYSTEM) (INFLAMMATION)
(ALLERGY)

PSHENICHNIY, I.P.

"The Use of Organic and Mineral Fertilizers";

dissertation for the degree of Candidate of Agricultural Sciences
(awarded by the Timiryazev Agricultural Academy, 1962)

(Izvestiya Timiryazevskoy Sel'skokhozyaystvennoy Akademii, Moscow, No. 2,
1963, pp 232-236)

PSHENICHNYY, I.P.; BULANKIN, M.I. (Khabarovsk)

Attachemnt to the electrocardiograph for continuous registra-
tion of heart rhythm on the kymogram. Pat. fiziol. i eksp.
terap. 6 no.6:72-73 N-D'62 (MIRA 17:3)

1. Iz Khabarovskogo meditsinskogo instituta.

PSHENICHNYY, I.P.

Effect of caffeine and bromine preparations on the course of
an inflammatory process (experimental keratitis). Trudy Khab.
med. inst. 23 no.2:57-60 '62 (MIRA 16:12)

1. Iz kafedry patologicheskoy fiziologii (zav. - prof. V.A.
Chepurin) Stavropol'skogo meditsinskogo instituta i kafedry
patologicheskoy fiziologii Khabarovskogo meditsinskogo insti-
tuta.

PSHENICHNYY, I.P. (Khabarovsk)

Method of inducing the oculocardiac reflex by compression of the eye with increasing intensity. Pat. fiziol. eksp. ter. 7 no.5:74-75 S-0'63 (MIRA 17:2)

1. Iz fiziologicheskoy laboratorii (zav. - dotsent I.P. Pshenichnyy) Khabarovskogo pedagogicheskogo instituta i iz Khabarovskogo meditsinskogo instituta.

PSHENICHNYY, I.P., kand. med. nauk

Trophic effect of the cervical sympathetic and trigeminal
nerves on corneal temperature. Oft. zhur. 18 no.4:237-238
'63. (MIRA 17:4)

1. Iz kafedry patofiziologii Stavropol'skogo meditsinskogo in-
stituta.

PSHENICHNYY, I.P.

Physiological characteristics of the eyeball-heart reflex in gradual
compression of the eyes with increasing force. Zhur. nevr. i psikh. 65
no.5:703-710 '65. (MIRA 18:5)

1. Fiziologicheskaya laboratoriya (rukovoditel' - dotsent I.P.Pshenichnyy)
Pedagogicheskogo instituta, Khabarovsk.

L 2163-66

ACCESSION NR: AP5023671

UR/0219/65/060/009/0020/0024
612.178.6

17
8

AUTHOR: Pshenichnyy, I. P.

TITLE: Physiological characteristics of the oculocardiac reflex in response to slight pressure on the eye

SOURCE: Byulleten' eksperimental'noy biologii i meditsiny, v. 60, no. 9, 1965, 20-24

TOPIC TAGS: physiology, cardiology, parasympathetic nervous system, cardiac rate, autonomic nervous system, nerve stimulation, reflex

ABSTRACT: The author used a specially-designed device to apply pressure (300mm Hg for 30 sec) to the eyeballs of 100 healthy subjects, and observed four types of changes in the cardiac rhythm: (1) decrease in 38; (2) increase in 33; (3) increase followed by decrease or vice versa in 13; (4) no changes in 16. Since these reactions differed in direction, the author does not regard the mean changes in cardiac activity as statistically significant. He does not consider pressure on the eye a specific stimulus for exciting the parasympathetic division of the autonomic nervous

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ACCESSION NR: AP5023671

system alone. The observed changes in cardiac rhythm are attributable to individual differences in the reflex excitability of the sympathetic and parasympathetic centers; thus, response of the oculocardiac reflex to slight pressure on the eyeball is a good indicator of the excitability of these two divisions of the autonomic nervous system. Crig. art. has: 1 figure, 1 table.

ASSOCIATION: Fiziologicheskaya laboratoriya Khabarovskogo pedagogicheskogo instituta (Physiology Laboratory, Khabarovsk Pedagogical Institute)

SUBMITTED: 12Mar64

ENCL: 00

SUB CODE: LS

NO REF SOV: 010

OTHER: 007

dg
Card 2/2

Physiol. and characteristics of the oculocardiac reflex
in a slight pressure on the eyes. Biol. eksp. biol. i med. 60
no. 7-8:24-8 '65. (MIRA 18:10)

1. Shchegolevskiy I. B. et al. (Moscow) - dozent
2. ... (Moscow) I. B. et al. biol. eksp. biol. i med. 60 no. 7-8:24-8 '65.

Pshenichnyy, I. P.

U S S R .

✓9908* Effectiveness of Specific Varieties of Azotobacter.
Effektivnost' spetsifichnykh raznovidnostei azotobakter.
(Russian.) O. Ia. Gaak and I. P. Pshenichnyi. *Zemledelie*, v. 3,
no. 4, Apr. 1955, p. 87-91.
Treatment of summer and winter wheat seed with azotobac-
terine; crop yields from 1950 to 1954. Tables.

ACC NR: AR6035411

SOURCE CODE: UR/0137/66/000/009/A010/A010

AUTHOR: Funke, V. F.; Fumanov, V. I.; Kozlova, A. G.; Pshenichnyy, I. V.

TITLE: Wetting of the alloys TiC-ZrC and TiC-VC by liquid nickel

SOURCE: Ref. zh. Metallurgiya, Abs. 9A66

REF SOURCE: Sb. Poverkhnostn. yavleniya v rasplavakh i voznikayushchikh iz nikh tverd. fazakh. Nal'chik, 1965, 397-404

TOPIC TAGS: nickel, liquid metal, titanium alloy, carbide, metal surface, surface property, resistivity, hardness

ABSTRACT: The contact angle θ of nickel on sintered samples with compositions TiC-VC and TiC-ZrC was determined by the lying-drop method at 5×10^{-5} mm Hg, the electric resistivity ρ at 290K was determined by the eddy-current method, and the hardness was also determined. In the composition range 60 - 90 mol.% VC the value of θ for TiC-VC is 0 rad, i.e., these alloys are completely wetted by the nickel. A maximum $\rho > 250$ $\mu\text{ohm-cm}$ is observed at a VC content of 75 mol.%. In the TiC-ZrC system, the plots of ρ vs. composition and of θ vs. composition have a character similar to the TiC-VC alloys. The minimum values of θ , and accordingly the maximum values of ρ , are observed in alloys with 40 - 60 mol.% ZrC. The wetting by nickel of isomorphous carbides with cubic lattice of metals of groups IV - V improves with increasing ρ and with decreasing radius of the metallic atom. The value of θ decreases linearly to zero with decreasing free energy of carbide production. As the free energy of carbide production

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UDC: '[699.295'784 + 669.24]: 532.64

ACC NR: AR6035411

increases on going from VC to ZrC in the VC - NbC - TiC - ZrC series, ρ decreases linearly and θ increases. In the wetting of the carbide, the principal role is played by the chemical interaction between the metal of the carbide and the liquid metal. 3 illustrations, 4 tables. Bibliography, 13 titles. M. Krasheninnikov [Translation of abstract]

SUB CODE: 11

Card 2/2

Country : USSR

Category: Forestry. Dendrology.

k

Abs Jour: RZhBiol., No 11, 1958, No 48723

Author : Pshenichnyy, I.Ye.

Inst : _____

Title : Reproduction of the Plane Tree from Seeds in Crimea.

Orig Pub: Lesn. kh-vo, 1957, No 9, 80-81

Abstract: A survey of the plantations of *Platanus orientalis* L. in Crimea (1956) showed its ability to reproduce by self seeding. The seed reproduction of the plane tree is observed in the Yaltinskiy Rayon narrow ravines with shallow alluvial soils, along small mountain rivers (the article describes the process and the biology of renewal). The two-year experiments on growing the plane tree by sowing (in Crimea)

Card : 1/2

K-14

ISHENICHEN, I.Ye.

Remarkable plane trees in the Crimea. Biul. Glav. bot. sada
no.31:115-116 '58. (MIRA 12:5)

1.Ukrainskiy nauchno-issledovatel'skiy institut lesnogo khozyaystva.
(Crimea--Plane tree)

PSHENICHNYY I.Ye.

Plane trees in the Crimea. Biul. Glav. bot. sada no. 38:22-31
'60. (MIRA 14:5)

1. Botanicheskiy sad AN Ukrainskoy SSR, Kiyev.
(Crimea--Plane tree)

PSHENICHNYY, I. Ye.

Cand Agr Sci - (diss) "Basic plantain crops in the Crimea."
Khar'kov, 1961. 23 pp; (Ministry of Agriculture Ukrainian SSR,
Khar'kov Order of Red Banner Agricultural Inst imeni V. V.
Dokuchayev); 300 copies; price not given; list of author's works
at end of text (12 entries); (KL, 5-61 sup, 198)

PSHENICHNYI, I. Yu. [Pshenychnyi, I. IU.]

Growth and development of plane trees in Crimea. Trudy Bot. sada
AN URSR 7:59-67 '60. (MIRA 14:4)
(Crimea--Plane tree)

CHURILIN, M.A.; PSHENICHNYI, L.V.

Features of the spatial distribution of endogenic mineralization
in relation to intrusions. Razved. i okh. nedr 27 no.10:15-22
0 '61. (MIRA 15:3)

1. Zapadno-Sibirskoye geologicheskoye upravleniye.
(Ore deposits)

PSHENICHNYY, M.A., gornyy inzh.

Improving the frilling equipment in open-pit mines of the
Vakhrushevugol' Trust. Gor.zhur. no.1:72-73 Ja '63.

(MIRA 16:1)

1. Vakhrushevskiy trest ugol'noy promyshlennosti kombinata
Sverdlovskugol'.

(Karpinsk region--Boring machinery)

KUTUZOV, Boris Nikolayevich; PSHENICHNYY, Mikhail Andreyevich;
DOKUCHAYEV, M.M., inzh., retsenzent; DEMIDYUK, G.P., kard.
tekh. nauk, retsenzent; BYKHOVSKAYA, S.N., red. izd-va;
PRONINA, N.D., tekhn. red.

[Blaster in open-pit mines] Vzryvnik na otkrytykh gornykh raz-
rabotkakh. Moskva, Gosgortekhzdat, 1962. 154 p.
(MIRA 15:9)

(Blasting) (Quarries and quarrying)

PSHENICHIMYY, N.F.

Foreign bodies in the salivary ducts and glands. Stomatologiya
42 no.4:46-48 Ji-Ag'63 (MIRA 17:4)

1. Iz chelyustno-litsavogo otdeleniya (zav. -- N.F.Pshenichimyy)
Vinnitskoy oblastnoy klinicheskoy bol'nitsy imeni Pirogova
(glavnyy vrach Yu.I.Ostrovskiy).

PSHENICHNYY, N.F.

AUTHOR: Gorin, F.I., Engineer.

94-3-20/26

TITLE: An All-Union Scientific Technical Conference on Economy of Fuel and Electric Power in the Engineering Industry (Vsesoyuznoye nauchno-tekhnicheskoye soveshchaniye po ekonomii topliva i elektroenergii v mashinostroitel'noy promyshlennosti)

PERIODICAL: Promyshlennaya Energetika, 1958, Vol.13, No.3, pp. 33 - 35 (USSR)

ABSTRACT: In December, 1957, there was held in Moscow an All-Union scientific conference to exchange experience in the economy of fuel and electric power in the engineering industry. The conference was organized by the Scientific-technical Society of the Engineering Industry (Nauchno-tekhnicheskoy obshchestvo mashinostroitel'noy promyshlennosti), the State Inspectorate of Industrial Power Engineering (Gosudarstvennaya inspektsiya po promenergetike) and the Power Inspectorate of the Ministry of Power Stations (MES). The conference was attended by 475 representatives of industrial undertakings, power suppliers and power directorates of Councils of the National Economy, design-erection and other organizations. Eighteen reports were read. The representative of the Leningrad Polytechnical Institute
Card1/4 (Leningradskiy politekhnicheskoy institut), Candidate of

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An All-Union Scientific Technical Conference on Economy of Fuel and Electric Power in the Engineering Industry

Technical Sciences V.M. Shakidzhanyan gave a report entitled "Problems of Economy of Fuel and Power in Engineering Works". The chief engineer of the Leningrad Kirov Works, A.M. Slutskiy, reported on the works' experience in the economy of electric power. The assistant chief power engineer of IGPZ, V.N. Ovechkin, described various measures, including a new method of gauging metal wheels which gave great power economy. N.V. Burakov, an engineer of the Chelyabinsk Kirov Works, gave a report about the use of secondary power resources. The chief power engineer of the Gorkiy Automobile Works (Gorkovskiy Avtozavod), N.F. Pshenichnyy, described how losses of heat, electricity and compressed air had been reduced. Dotsent of the Moscow Power Institute, I.M. Zavadskiy, reported on the dynamics of the main economic indices of power economy. Dotsent of the Moscow Power Institute, V.V. Sazonov, indicated the main lines of development of industrial gas-turbines and heat supply installations.

Candidate of Technical Sciences, M.I. Trekhov, of the Works imeni Likhachev, reported on the rational use of thermal and electric power in new engineering processes in his engineering

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94-3-20/26

An All-Union Scientific Technical Conference on Economy of Fuel and Electric Power in the Engineering Industry

factory. The chief engineer of the State Inspectorate of the Ministry of Power Stations, G.V. Serbinovskiy, gave a report on electricity supply in Europe. Engineer Yu.Ye. Zaleskiy of the Power Department of Energogiproavtoproma spoke on modern methods of electricity supply to engineering works. The following contributed to the discussion: Engineer K.P. Korel'skikh (Izhorsk Works), Engineer I.P. Nakhodkin (Khar'kov Tractor Works), Engineer L.Yu. Ostrerov (of the Kiev Works 'Leninskaya Kuznitsa'), Engineer G.Ya. Levichev (chief power engineer of the Baltic Works), Engineer G.Ya. Nalbandyan (power engineer of the Riga Lampworks), P.K. Aksyutin (head of the sub-department for planned distribution of fuel of Gosplan of the USSR) and N.M. Chumakov (head of the State Inspectorate for Power Engineering and Power Inspection). A brief account is given of each contribution.

The decisions of the conference related to competitions in power economy, the use of secondary power resources such as exhaust steam and the heat of condensate, the organisation of centralised energy supply to industry from large economic power stations and the organisation of centralised repair of electrical

Card3/4

94-3-20/26

An All-Union Scientific Technical Conference on Economy of Fuel and
Electric Power in the Engineering Industry

equipment. Gosplan was requested to increase the output of
lightweight heat insulation, static capacitors, motors of
the low-power synchronous, multi-speed and enclosed types
and other equipment. The size of the journal, Promyshlennaya
Energetika, should be increased.

AVAILABLE: Library of Congress

Card 4/4

TSIFACHNYI, N.S., Inzh.

Methods for decreasing the breakdown rate of crane motors. From.
energ. 20 no.3:12-14 M: '65. (MIRA 18t6)

FSHENICHNYI, N.F., vrach (Vinnits)

Sialography in the diagnosis and treatment of sialolithiasis.
Probl. chel.-lits. khir. no.1:148-150 '65.

Classification of sialolithiasis. Ibid.:151-152

(MIRA 18:10)

PSHENICHNYY, N.F.

Converting the Gorkiy automobile plant to natural gas.
Gaz. prom. 9 no.3:18-20 '64.

(MIRA 17:9)

PSHENYCHNYY, N. I.

PSHENYCHNYY, Nikon Ivanovych

[Corn is an important source of grain] Kukurudza - vazhlyvyi rezerv
vyrobnytstva zerna. Kyiv, 1956. 82 p. (MIRA 10:4)
(Corn (Maize))

PSHENICHNYI, N.I. [Pshenychnyi, N.I.], dotsent; LUCHKO, O.S., agronom

Agriculturist and scientist. Nauka i zhyttia 10 no.3:29 M^r '60.
(MIRA 14:8)

(Bogdanov, Sergei Mikhailovich, 1859-1920)

PSHENICHNYI, N.I. [Pshenychnyi, N.I.], kand.sel'skokhozyaystvennykh nauk

A learned agronomist. Nauka i zhyttia 9 no.8:37 S '59.

(MIRA 13:1)

(Usov, Stepan Mikhailovich, 1796-1859)

PSHENICHNIYY, N.I. [~~Rahoychovsk, N.I.~~], kand.sel'skokhozyaystvennykh nauk,
dots.

Organizer of agricultural research. Nauka i zhyttia 8 no.5:
46 My '58. (MIRA 13:4)
(Barakov, Petr Fedorovich, 1858-1919)

Country : USSR
Category: Cultivated Plants. Commercial. Oil-Bearing.
Sugar-Bearing.

M

Abstr Jour RZhBiol., No 11, 1958, No 49055

Author : Pshenichnyy, N.I.
Inst : Kiev Hydromelioration Inst.
Title : Cultivation of Perilla at Kiyevshchina. (Short Communication)

Orig Pub: Tr. Kiyevsk. gidromelior. in-ta, 1956, VYP. 5,
165-167

Abstract: From field tests which were carried out in 1950 and 1951 at the Uchkhoz of the Ukrainian Academy of Agriculture, optimal sowing times, methods and norms for perilla have been determined for the forest steppe

Card : 1/2

Abstr Jour: RZhBiol., No 11, 1958, No. 49055

region of Kiyevskaya Oblast. A noticeable influence of sowing times, methods and norms on the production of perilla seeds has not been detected. --
D.B. Valdmistrov

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343510008-6

Card : 2/2

M-131

M

Country : USSR
Category: Cultivated Plants. Commercial. Oil-Bearing
Sugar-Bearing.

Abs Jour: RZhBiol., No 11, 1958, No 49057

Author : Pshenichnyy, N.I.

Inst : Kiev Hydromelioration Inst.

Title : On the Cultivation of a New Oil-Bearing Crop of
the Colewort, *Crambe abyssinica* Hochst.

Orig Pub: Tr. Kiyevsk. gidromelior. in-ta, 1956, VYP. 5,
169-173

Abstract: Data on the morphology and biology of *Crambe*
abyssinica Hochst, and also test results on sowing
times and methods are given. These tests were
carried out in 1950 and 1951 at several localities
in the Ukrainian SSR. It is concluded that colewort

Card : 1/2

M-133

Country : USSR

M

Category: Cultivated Plants. Commercial. Oil-Bearing.
Sugar-Bearing.

as Jour: RIKMol., No 11, 1958, No 49057

cultivation in the forest and forest-steppe areas
of the Ukrainian SSR is expedient. -- D.B. Vakhnistrov

Card : 2/2

PSHENICHNYI, Nikon Ivanovich [Pshenychnyi, N.I.], kand.sel'skokhoz.nauk,
LIKHVAR, D.F., otv.red.; GURENKO, V.A. [Hurenko, V.A.], red.

[Increase the production of pulse crops] Zbil'shyty vyrobnytstvo
zernobobovykh kul'tur. Kyiv, 1961. 48 p. (Tovarystvo dlia
poshyrennia politychnykh i naukovykh znan' Ukrain's'koi RSR.
Ser.5, no.1). (MIRA 14:6)

1. Chlen-korrespondent Ukrainskoy Akademii sel'skokhozyaystvennykh
nauk (for Likhvar).

(Legumes)

PSHENICHNYY, Nikon Ivanovich[Pshenychnyi, N.I.], kand. sel'khoz.nauk;
BRATCHIK, V.M., kand. sel'khoz.nauk, otv. red.; GURENKO, V.A.
[Hurenko, V.A.], red.; MATVIICHUK, O.A., tekhn. red.

[Growing forage beans in the Ukraine]Vyroshchuvannia kormovykh
bobiv na Ukraini. Kyiv, Tovarystvo dlia poshyrennia polit. i
naukovykh znan' URSR, 1962. 35 p. (MIRA 16:2)
(Ukraine--Broad bean)

PSHENICHNYY, Nikon Ivanovich, kand.sel'skokhoz.nauk; LITVIN, S.G. [Lytvyn, S.H.], kand.sel'skokhoz.nauk, otv.red.; GURENKO, V.A. [Hurenko, V.A.], red.

[Increase the production of protein-rich forage plants] Zbil'shymo vyrobnytstvo kormovykh bilkovykh roslyn. Kyiv, 1960. 39 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukraini'koi RSR. Ser.6, no.21). (MIRA 14:1)

(Legumes)

DYACHENKO, Konstantin Korneyevich; PSHENICHENYY, N.I.; [Pshenichnyi, N.I.],
sil's'kohospodars'kikh nauk, red.; FRANCHUK, V.P., red.

[Agriculture of Ukraine is on the rise] Sil's'ke hospodarstvo
Ukrainy na krutomu pidnesenni. Kyiv, 1958. 34 p. (Tovarystvo dlia
poshyrennia politychnykh i naukovykh znan' Ukrain's'koi RSR. Ser.3.
no.13) (MIRA 12:2)

(Ukraine--Agriculture)

BASOV, Iven Ivanovich; PSHENICHNYY, N.I., kand.sel'skokh.nauk, red.;
LYSENKO, F.K., red.

[Prospects for the development of agriculture in the Ukrains'koi
RSR. Kyiv, Tovarystvo dlia poshyrennia polit. i naukovykh znan'
Ukrains'koi RSR, 1958. 23 p. (MIRA 12:2)
(Ukraine--Agriculture)

PSHENICHNYI, Nikon Ivanovich

[Sorghum is a drought-proof, high-yielding forage plant] Sorho -
posukhostika i vysokovrozhaina kormova kultura. Kyiv, 1956. 30 p.
(Sorghum) (MLRA 10:4)

PSHENICHNYY, Nikolay Nikolayevich; MARGHENKO, Liubov' Isakovna; REPINA, Mariya Ivanovna; BURDE, M.V., redaktor; POPRYADUKHIN, K.A.,
tekhnicheskiy redaktor

[Descriptive geometry; lectures with practical instructions, problems and assignments for correspondence students] Nachertatel'-naia geometriia; lektsii s metodicheskimi ukazaniami, zadachami i kontrol'nymi zadaniami dlia studentov-zaochnikov. Pod obshchei red. N.N.Pshenichnogo. Moskva, Gos. izd-vo "Sovetskaia nauka," 1956.
242 p. (MLRA 10:1)

(Geometry, Descriptive)

PSHENICHNYY, P.

Expand correspondence instruction of financial employees in every way. Fin. SSSR 19 no.5:38-42 My '58. (MIRA 11:6)

1. Direktor Vsesoyuznogo zachnogo finansovo-kreditnogo tekhnikuma.
(France—Study and teaching)

PSHENICHNYI, P.

Higher standard for the correspondence instruction of financial
personnel. Fin.SSSR 20 no.3:48-51 Mr '59. (MIRA 12:7)

1. Direktor Vsesoyuznogo zachnogo finansovo-kreditnogo tekhnikuma.
(Correspondence schools and courses)
(Finance--Study and teaching)

PSHENICHNYY, P.

New developments in the correspondence school system. Fin. SSSR 21
no.12:54-56 D '60. (MIRA 13:12)

1. Direktor Vsesoyuznogo zachnogo finansovo-kreditnogo tekhnika.
(Correspondence schools and courses)
(Finance--Study and teaching)

PSHENICHNYY, P.

Finance

Improve the personnel management of finance organs. Sov. fin. No. 1, 1952.

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

PSH*NICHNYY, P.

Russia - Officials and Employees

Improve the personnel management of finance organs. Sov. fin. No. 1, 1952.

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PSHENICHNYI, P. D.

Pshenichnyy, P. D. - "Changes in the organism of young large horned cattle under the influence of their type of training", Sbornik Trudov, (Khar'k. zootekhn. in-t), Vol. V, Issue 1, 1948, p. 3-91, - Bibliog: 68 items.

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

PSHENICHNYY, P. [Pshenychnyi, P.], prof.

Contribution of chemistry to stockbreeding. Nauka i zhyttia 12
no.3:38-39 Mr '63. (MIRA 16:11)

PSHENICHNYY, P., podpolkovnik zapasa

Their exploits are immortal. Voen.vest. 43 no.11:17-19 N '63.
(MIRA 16:12)

PSHENICHNYY, P.

Indifferent attitude toward a serious matter. Fin. SSSR 37
no.7:85-86 J1 '63. (MIRA 16:8)
(Finance--Study and teaching) (Correspondence schools and courses)

PSHENICHNY, P. D.

"Review of S. I. Shteyman's Book, 'How to Create a
Record-Breaking Karavayevskiy Herd'", Agrobiol., 4, 1949.
Dr. Agricultural mbr. Khar'kov Zootechnical Inst., -c1949-.

PSHENICHNY, P. D.

"Problems of deliberately directed rearing of dairy cattle."
by Pshenichny, P. D. (p. 470)

SO: Journal of General Biology (Zhurnal Obshchei Biologii) Vol. X, No. 6, 1949

PSEENICHNYI, P.D.

Principles of controlled breeding of agricultural animals. Zh. obsh.
biol., Moskva 13 no. 3:169-181 May-June 1952. (CLML 22:4)

1. Ukrainian Scientific-Research Institute of Animal Husbandry and
Khar'kov Zootechnical Institute.

PSHENICHNYI, P.D.

Transformation of feed protein and heat production in farm
animals during ontogeny. Zhur.ob.biol.23.no.6 427-431 N-D '62.
(MIRA 16:7)

1. Ukrainian Academy of Agricultural Sciences.
(VETERINARY PHYSIOLOGY) PROTEIN METABOLISM)

SVECHIN, K.B., prof., otv. red.; KOLESNIK, N.N., red.; PSHENICHNYI,
P.D., akademik, red.; TUGAY, L.N., kand. sel'khoz. nauk,
red.; SHMATOK, Ye.G., kand. sel'khoz. nauk, red.; FEDIY,
Ye.M., doktor biol. nauk, red.; MAZUR, V.N., red.;
POTOTSKAYA, L.A., tekhn. red.

[Biological principles underlying increase in the meat
quality of farm animals] Biologicheskie osnovy povysheniia
miasnykh kachestv sel'skokhoziaistvennykh zhiivotnykh; ma-
terialy konferentsii. Kiev, 1962. 164 p. (MIRA 16:10)

1. Kiev. Ukrain's'ka akademiya sil's'kohospodars'kykh nauk.
2. Chlen-korrespondent Ukr. akademii sel'skokhoz'vaystvennykh nauk (for Kolesnik).
3. Ukrain's'ka akademiya sel'skokhoz'vaystvennykh nauk (for Pshenichnyy, Svechin)
(Stock and stockbreeding)

1. PSHENICHNYY, P. D., Prof.
2. USSR (600)
4. Feeding and Feeding Stuffs
7. Feeding farm animals cotton cake and coarse meal.
Sots. zhiv. 14 No. 10, 1952.

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

1. PSHENICHNYI, P. D., Prof
2. USSR (600)
4. Horses
7. Valuable study on the history of Russian animal husbandry (History of Russian horse breeding, V. O. Vitt, reviewed by Prof. P. D. Pshenichnyi), Sov. zootekh, 3 No. 1, 1953

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.