

15-57-5-5943

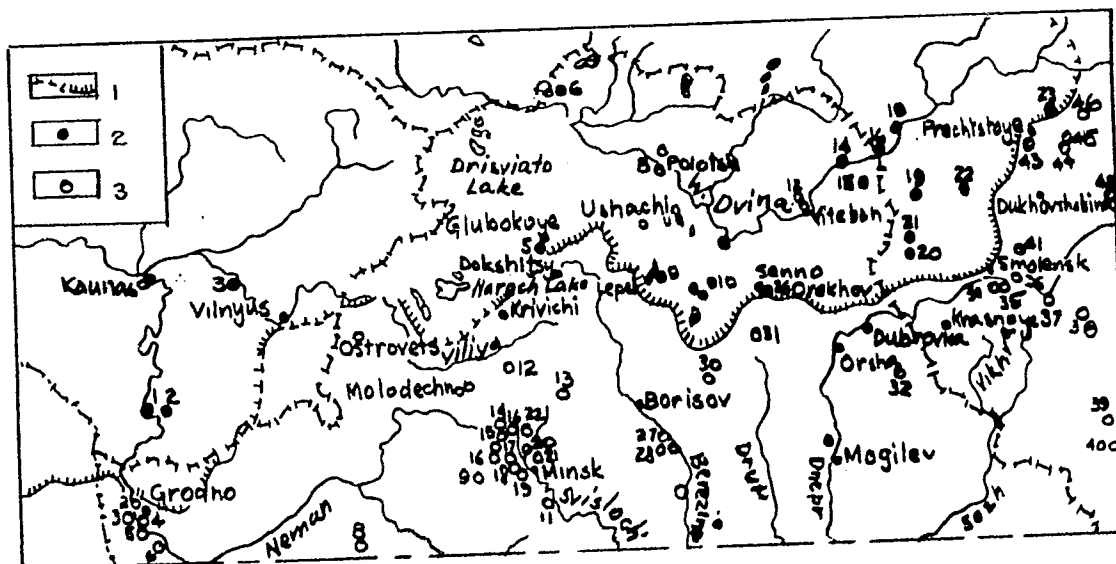
The Position of the Boundary of the Last Glaciation (Cont.)

sources of the Western Dvina, the continuation of this boundary becomes the boundary of the Valday (Ostashkov) glaciation. The boundary has been drawn at the edge of glacially accumulated deposits, and also at the border of glacial erosion, the pointed terminations of gullies, and gullied lakes. On the distal side the boundary is accompanied by glaciofluvial deposits, which formed with other periglacial and marginal glacial forms regularly developed at the edges of glaciers.

Card 2/4

15-57-5-5943

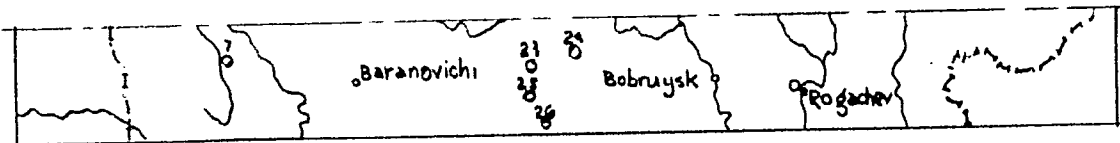
The Position of the Boundary of the Last Glaciation (Cont.)



Card 3/4

19-0000000

Station (Cont.)



1) sections with... 2) sections with... 3) sections with supra-...  
Yu. A. L.

VOZNYACHUK, L.N.

Stratigraphic and paleogeographic significance of Pleistocene  
flora of White Russia and Smolensk Province. Biul. Kom. chetv.  
per. no.30:178-188 '65. (MIRA 19:2)

LUKASHEV, K.I. [Lukashau, K.I.], red.; TSAPENKO, M.M. [TSapenka, M.M.], red.;  
VOZNYACHUK, L.N., [Vaznyachuk, L.M.], red.; MARIKS, L., red. izd-va;  
SIDERKO, N., tekhn. red.

[Materials on the Quaternary period in White Russia; for the Sixth  
Congress of INQUA, Warsaw, 1961] Materialy po antropogemu Belorussii;  
k VI kongressu INKVA v Varshave, 1961.g. Minsk, Izd-vo Akad. nauk  
BSSR, 1961. 217 p. (MIRA 14:11)

(White Russia--Geology)

VOZNYACHUK, L. N.

"Problem of Determining the Northern Boundary of Occurrence of Landspouts in Europe and Western Siberia".  
Uch. zap. Belorus. un-ta, ser. geol.-geogr., No 21, pp 87-103, 1954.

Defining landspouts or dust storms as all vertical vortical whirlwinds that are formed upon the sinking of a horizontal continental whirl or eddy from a storm cloud to the surface of the earth or sea, the author analyzes data on 300 landspouts recorded in the northern part of west Eurasia over the past 200 years. Comparing the data of his analysis with Alisov's genetic classification of climates, the author is led to a conclusion concerning the zonal distribution of landspouts and concerning the growth of their intensity and increase of frequency in the direction from north to south, which is well illustrated by a map. The northern limit of the occurrence of landspouts coincides with the isoline of 5 days with storms per year. (RZhGeol, No 8, 1955)

SO: Sum No 884, 9 Apr 1956

VOZNYACHUK, L. N.

"Material for a Study of Landspouts".  
Uch. zap. Belorus, un-ta, No 21, pp 104-132, 1954.

A list is given of 33 cases of landspouts or duststorms over Belorussia during the past 100 years, the list being compiled on the basis of questioning of settlers, gazette reports, and data in the literature. In addition, data on landspouts was obtained in investigations of so-called landspout passages through the forests of Belorussia. The mean frequency of landspouts over Belorussia amounts to not less than 1 to 2 times a year, and in separate cases (1951) can amount to as much as 5 times. This refutes the opinion that the landspout over the European territory of the USSR is a rare phenomenon. The predominant diameter of the Belorussian landspouts is 10 to 15 meters, and the trajectories for the most part are rectilinear and sometimes arc-shaped oriented in north-east, north, and east directions; velocity of travel is 30 to 50 km/hr. (RZhGeol, No 7, 1955)

SO: Sum No 884, 9 Apr 1956

LYASHKEVICH, Z.M.; MEL'NIK, Yu.M.; VOZNYAK, D.K.

Mineralogy and genesis of the melikanites of Korosten pluton. Min.  
sbor. 18 no.4:456-451 '64. (MIRA 18:7)

1. Institut geologii i geokhimii goryuchikh iskopayemykh AN UkrSSR,  
L'vov i Gosudarstvennyy universitet imeni Franko, L'vov.



VOZDUK, L.

Modern amateur station. Pt. 3. p. 54. (RADICALS, Vol. 7, no. 3, Mar. 1953. Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, (LAL), LC, Vol. 4, No. 4, Apr 1955, Uncl.

VOZ'NYAK, S. P.

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6,  
p 141 (USSR) 14-57-6-12792D

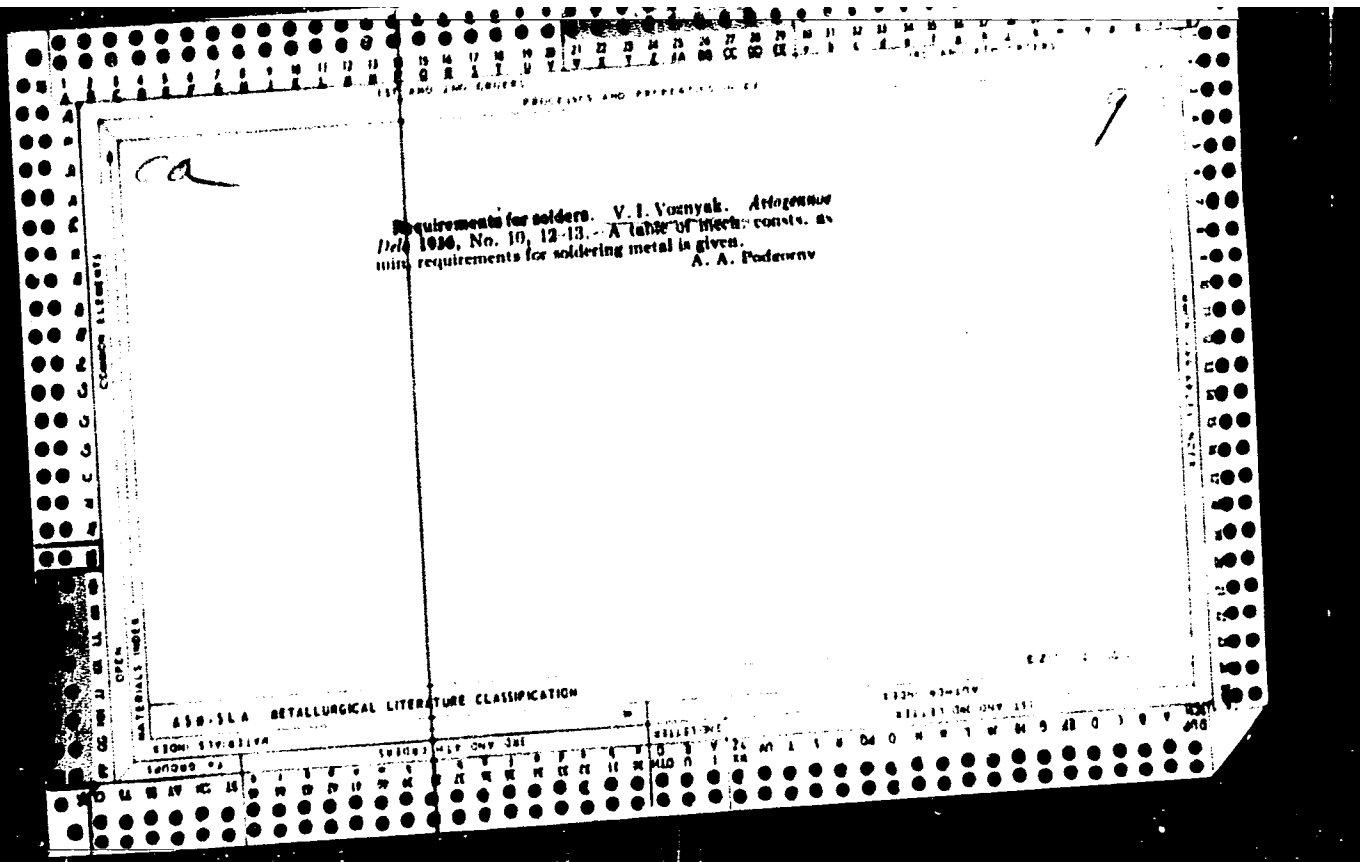
AUTHOR: Voz'nyak, S. P.

TITLE: The South Baltic Sprat (Shprot Yuzhnoy Baltiki)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Biological Sciences, presented to the Mosk. tekhn. in-t ryb prom-sti i kh-va (Moscow Industrial Institute of Fisheries and Fish Culture), Moscow, 1956

ASSOCIATION: Mosk. tekhn. in-t ryb prom-sti i kh-va (Moscow Industrial Institute of Fisheries and Fish Culture)

Card 1/1



Ref 27

KHUDYAKOV (Ya. P.) & VOZNYAKOVSKA (Mme Ya. M.). Чистые культуры микоризных грибов. [Pure cultures of mycorrhizal fungi.] *Микробиология* [*Microbiology*], 20, 1, pp. 13-19, 7 figs., 1951.

The authors recommend infection of oak and pine seedlings with pure cultures of mycorrhizal fungi [*R.A.M.*, 30, p. 282] in order to promote the growth of these trees for field-protective afforestation in the Soviet steppes. At the Moscow Section of the Pan-Soviet Agricultural Microbiological Institute pure cultures of *Boletus edulis*, *B. luteus*, *B. curvatus*, *B. luridus* [*ibid.*, 23, p. 369; 25, p. 184; 28, p. 300], and three cultures, grey, yellow, and black, from three kinds of hyphae, all from oak mycorrhiza, proved to be amino-heterotrophic.

VOZNYAKOVSKAYA, Yu.M.; KHOTYANOVICH, A.V.

Selection of carotene producing microbes from epiphytic microflora.  
Prikl. biokhim. i mikrobiol. i no.3:299-303 My-Ja '65. (MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokhozyaystvennoy mikrobiologii.

VOZNYAKOVSKAYA, Yu.M.

Epiphytic yeast organisms. Mikrobiologiya 31 no.4:616-622  
Jl-Ag '62. (MIRA 18:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokho-  
zyaystvennoy mikrobiologii.

VOZNYAKOVSKAYA, Yu.M., kand. biolog. nauk; NURZHANOV, U.S.

Effect of the products of microbial metabolites on the energy  
of seed germination. Agrobiologiya no.1:89-95 Ja-F '64  
(MIRA 17:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokho-  
zyaystvennoy mikrobiologii, Leningrad.

VOZNYAKOVSKAYA, Yu.M.

Formation of vitamins by micro-organisms which inhabit healthy plants. Agrobiologia no.1:103-108 Ja-F '62. (MIRA 15:3)

1. Vsescyuznyy nauchno-issledovatel'skiy institut sel'skokhozyaystvennoy mikrobiologii, Leningrad.  
(Micro-organisms) (Vitamins) (Plants--Nutrition)



VOZNYAKOVSKAYA, Yu.M.; KHUDYAKOV, Ya.P.

Species composition of the epiphytic microflora of living plants.  
Mikrobiologiya 29 no.1:97-103 Ja-F '60. (MIRA 13:5)

1. Vsesoyuznyy institut sel'skokhozyaystvennoy mikrobiologii,  
Leningrad. (PLANTS microbiol.)

VOZNYAKOVSKAYA, Yu.M.

Effect of various methods of tillage and fertilizer application on microbiological processes in the rhizosphere of certain fruit trees. Trudy Inst. mikrobiol. no.7:102-106 '60. (MIRA 14:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokhozyaystvennoy mikrobiologii Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni Lenina.

(FRUIT TREES--FERTILIZERS AND MANURES)  
(RHIZOSPHERE MICROBIOLOGY)

VOZNYAKANOVSKAYA, Y. M.

SO(1)  
AUTHORS: Afrikyan, E. Ya. Eukharyev, A. G., Candidate of Biological Sciences  
SOV/50-59-1-50/57  
Use of Antibiotics in Plant Cultivation (Primeneniye anti-  
biotikov v rasteniyevodstve)

TITLE: Vestnik Akademii nauk SSSR, 1959, No. 7, pp. 142-143 (USSR)  
A conference dealing with this subject took place in Yerevan  
on 10-13 October, 1959; it had been called by the Institut  
Mikrobiologii Akademii nauk SSSR (Microbiological Institute  
of the Academy of Sciences USSR), the VOZNYAKANOVSKAYA  
sel'khozgigiyatsionnyy mikrobiologicheskiy VASKHIMIL (All-Union  
Institute for Agricultural Microbiology of the VASKHIMIL) and  
the Sektor mikrobiologii Akademii nauk Armynskoy SSR (Depart-  
ment for Microbiology of the Academy of Sciences of the  
Armenian SSR).

PERIODICAL: Vestnik Akademii nauk SSSR, 1959, No. 7, pp. 142-143 (USSR)  
ABSTRACT: A conference dealing with this subject took place in Yerevan  
on 10-13 October, 1959; it had been called by the Institut  
Mikrobiologii Akademii nauk SSSR (Microbiological Institute  
of the Academy of Sciences USSR), the VOZNYAKANOVSKAYA  
sel'khozgigiyatsionnyy mikrobiologicheskiy VASKHIMIL (All-Union  
Institute for Agricultural Microbiology of the VASKHIMIL) and  
the Sektor mikrobiologii Akademii nauk Armynskoy SSR (Depart-  
ment for Microbiology of the Academy of Sciences of the  
Armenian SSR).

Y. M. Voznyakanova spoke about various metabolites which  
promote the development of higher plants.  
E. Ya. Afrikyan reported on investigations on soil fungus  
diseases carried out by Ukrainian mycologists in agricultural  
plants and its utilization in the fight against agricultural  
plant diseases.  
Y. M. Voznyakanova dealt with the utilization of the  
fungus Trichoderma in fighting the diseases of cotton bushes,  
potatoes and some other agricultural breeds.  
E. G. Kiribabiyeva reported on the utilization of antibiotics against the  
actinomyces which promote active antibiotics against the  
carriers of potato wart diseases and diploidia in wheat.  
S. D. Bakhayeva spoke about the utilization of  
the actinomyces antagonists in fighting potato ring rot and  
scurf on beets in cabbage.

Card 2/4  
S. K. Subramanyam reported on the effect of preparations from  
the fungus Trichoderma to prevent wilt of the cotton bush.  
M. M. Puzoskiy, P. I. Kiryukhin, M. I. Koblikov, Ya. S. Kikilina,  
and others spoke about the successful utilization of several bacteria  
against diseases of vegetables, citrus and potato wilt.  
Y. M. Voznyakanova reported on the utilization of Trichoderma  
with the utilization of Trichoderma microfungi in fighting  
various diseases in plants.  
D. M. Gerasimov reported on results obtained in investigations  
of phytochemicals in cotton bushes and beets.  
M. M. Puzoskiy spoke on the use of antibiotics in fighting  
diseases of potatoes, in P. P. Kuznetsov, M. I. Koblikov, Ya. S. Kikilina,  
and others spoke about the effect of antibiotic preparations as  
antagonists against bacterial pathogens in fighting diseases  
of decorative plants.

Y. Ya. Farkha, E. I. Kuznetsova described the investigation  
of plant antibiotics.  
E. Ya. Afrikyan spoke about the production of the  
preparations "griseofulvin" and "trikhotalin" and their ef-  
fect on fungus carriers of diseases in cabbage, wheat and  
water melons, reported on results achieved in the utilization  
of antibiotics against unpaired milk molds.  
A. G. Eukharyev reported on the utilization of Trichoderma  
with the formation of phytochemical forms of bacteria resistant  
to antibiotics.

Card 3/4  
E. A. Voznyakanova, E. S. AGS described a method of rapid de-  
termination of the effect of antibiotics on plants. The  
participants in the conference. The work carried out in  
this field in the USSR is discussed. The organization of an  
industrial production of antibiotics and antibiotic preparations in  
agriculture was discussed as necessary. The necessity of an  
intensification of plant investigations of the growth stimuli  
and the use of antibiotics in agriculture was further  
pointed out. The importance of coordination of work for purposes  
of research and utilization of antibiotics in plant breeding  
was emphasized as well as the holding of periodical conferences  
dealing with this problem.

VCHNYAKOVSKAYA, Yu.M.; NURZHANOV, U.S.

Effect of microbial metabolites and gibberellin on some aspects  
of metabolism in corn. Fiziol.rast. 12 no.4:714-720 J1-Ag '65.  
(MIRA 18:72)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokhozyay-  
stvennoy mikrobiologii, Leningrad. Submitted March 2, 1964.

VOZNYAKOVSKAYA, Yu.M.

Significance of nitrogen fixation in soil by nonsymbiotic micro-organisms. Agrobiologia no.1:37-48 Ja-F '59. (MIRA 12:4)  
(Micro-organisms, Nitrogen-fixing)

VOZNYAKOVSKAYA, Yu. M.; YAZVITSKIY, M.H.

Effect of various fertilizers on apple yields and biological processes in the rhizosphere of apple trees. Agrobiologiya no. 3:95-98 My-Je '58. (MIRA 11:7)

1. Moskovskoye otdelnyye instituta sel'skokhozyaystvennoy mikrobiologii i Moskovskaya plodovo-yagodnaya opyt'naya stantsiya.  
(Apple)  
(Fertilizers and manure)  
(Rhizosphere microbiology)

VOZNYAKOVSKAYA, YU.M.

✓ The effectiveness of and the conditions required for the application of phosphobacteria. *Izv. Nauch. Inst. B. P. Berezova, A. S. Chernomir, V. A. Ivanov, Yu. M. Voznyakovskaya, L. M. Zolotareva, K. P. Zolotareva, M. Ya. Finkel'shteyn*. *Izv. Nauch. Inst. B. P. Berezova, A. S. Chernomir, V. A. Ivanov, Yu. M. Voznyakovskaya, L. M. Zolotareva, K. P. Zolotareva, M. Ya. Finkel'shteyn*. The authors study the effect of phosphobacteria on the growth and development of plants, particularly cereals, in the soil. It was shown that phosphobacteria increase the content of phosphorus in the soil, especially in zones abutting the roots, intensifies the nitrification process and raises the nitrate content of the soil throughout the vegetation period, and increases the content of P in the plants. *Izv. Nauch. Inst. B. P. Berezova, A. S. Chernomir, V. A. Ivanov, Yu. M. Voznyakovskaya, L. M. Zolotareva, K. P. Zolotareva, M. Ya. Finkel'shteyn*

VOZNYAKOVSKAYA, Yu. M.

*Pseudomonas epiphytica* nov. sp. a new species of epiphytic micro-organisms. *Mikrobiologiya* 28 no.6:960-963 N-D '59. (MIRA 13:4)

1. Vsesoyuznyy institut sel'skokhozyaystvennoy mikrobiologii,  
Leningrad.

(PSEUDOMONAS)



**KHODYAKOV, Ya.P.; VOZNYAKOVSKAYA, Yu.M.**

Microflora of wheat roots and some of its properties. Mikrobiologiya  
25 no.2:184-190 Mr-Apr '56. (MIRA 9:7)

1. Moskovskoye otdeleniye Vsesoyuznogo nauchno-issledovatel'skogo  
instituta sel'skokhozyaystvennoy mikrobiologii.  
(RHIZOSPHERE MICROBIOLOGY) (WHEAT)

VOZNYAKOVSKAYA, YU. M.

42426. Vliyaniye Kornyevoy sisteny pshenitsy Na mikorofloru Pochvy.  
Mikrobiolgiya 1948, S. 458-62. Bibliogr: S. 462

VOZNYAKOVSKAYA, Yu.M.

SAMOYLOV, I.I., akademik; BEREZOVA, Ye.F., doktor biologicheskikh nauk;  
CHERNAVIN, A.S., kandidat sel'skokhozyaystvennykh nauk; BERNARD, V.V.,  
kandidat sel'skokhozyaystvennykh nauk; VOZNYAKOVSKAYA, Yu.M., kandidat  
biologicheskikh nauk; DOROSINSKIY, L.M., kandidat biologicheskikh nauk;  
MENKINA, R.A., kandidat biologicheskikh nauk; FINKEL'SHTEYN, M.Ya.,  
kandidat biologicheskikh nauk.

Effectiveness and conditions of using phosphoro-bacterial fertilizer.  
Trudy Vses.inst.sel'khoz.mikrobiol. 13:173-192 '53. (MLRA 8:1)  
(Fertilizers and manures)

VOZNYAKOVSKAYA, Yu. M.  
USSR/Biology

FD 306

Card 1/1

Author : Voznyakovskaya, Yu. M. and Borodulina, Yu. S.

Title : News Section: Enlarged plenum of the Agrochemistry Section of VASKhNIL [The All-Union Academy of Agricultural Sciences imeni Lenin]. concerning problems of agricultural microbiology

Periodical : Mikrobiologiya, 23, 388-390, May/Jun 1954

Abstract : The plenum was devoted to a discussion of the research goals and problems of agricultural microbiology in the light of the resolution of the September plenum of the Central Committee of the CPSU. The plenum, attended by about 400 persons, was held at the All-Union Institute of Agricultural Microbiology in Leningrad from December 21-26, 1953. The names of those who presented papers and brief summaries of several of the papers are given.

Institution : --

Submitted : --

PA 18/49156

VOZNYAKOVSKAYA, YU. M.

USSR/Medicine - Bacteria, Azobacter      Sep/Oct 48  
Medicine - Bacteria, Culture

"Action of the Clostridium Pasteurianum as a Factor  
Increasing the Effectiveness of Bacterization of  
Seeds With Nitrobacter." Yu. M. Voznyakovskaya,  
Moscow Dept, Inst of Agr Microbiol, 6 pp

"Mikrobiologiya" Vol XVII, No 5

Azobacter multiplication in synthetic culture  
medium with joint Azobacter Chromococcum (I)  
and clostridium Pasteurianum (II) cultures was  
2-10 times as great as that in a monoculture.  
Maximum multiplication is attained at time of sugar  
fermentation. Nitrogen accumulation in medium of  
PDB  
18/49156

USSR/Medicine - Bacteria, Azobacter      Sep/Oct 48  
(Contd)

Joint cultures increases pure azobacter culture.  
In vegetative experiments on seed bacterization, II  
had favorable influence on wheat yield. Dead  
culture did not produce this effect. Increase in  
wheat yield was greater with joint culture.  
Submitted 29 Nov 47.

PDB

18/49156

VOZNYAKOVSKAYA, Yu.M.

Problem of mycorrhiza and its practical significance; survey of literature published in 1949-1953 inclusive. Mikrobiologiya 23 no.2:204-220 Mr-Apr '54. (MLRA 7:4)

1. Moskovskoye otdeleniye Vsesoyuznogo instituta sel'skokhozyaystvennoy mikrobiologii. (Mycorrhiza)

CR

KE

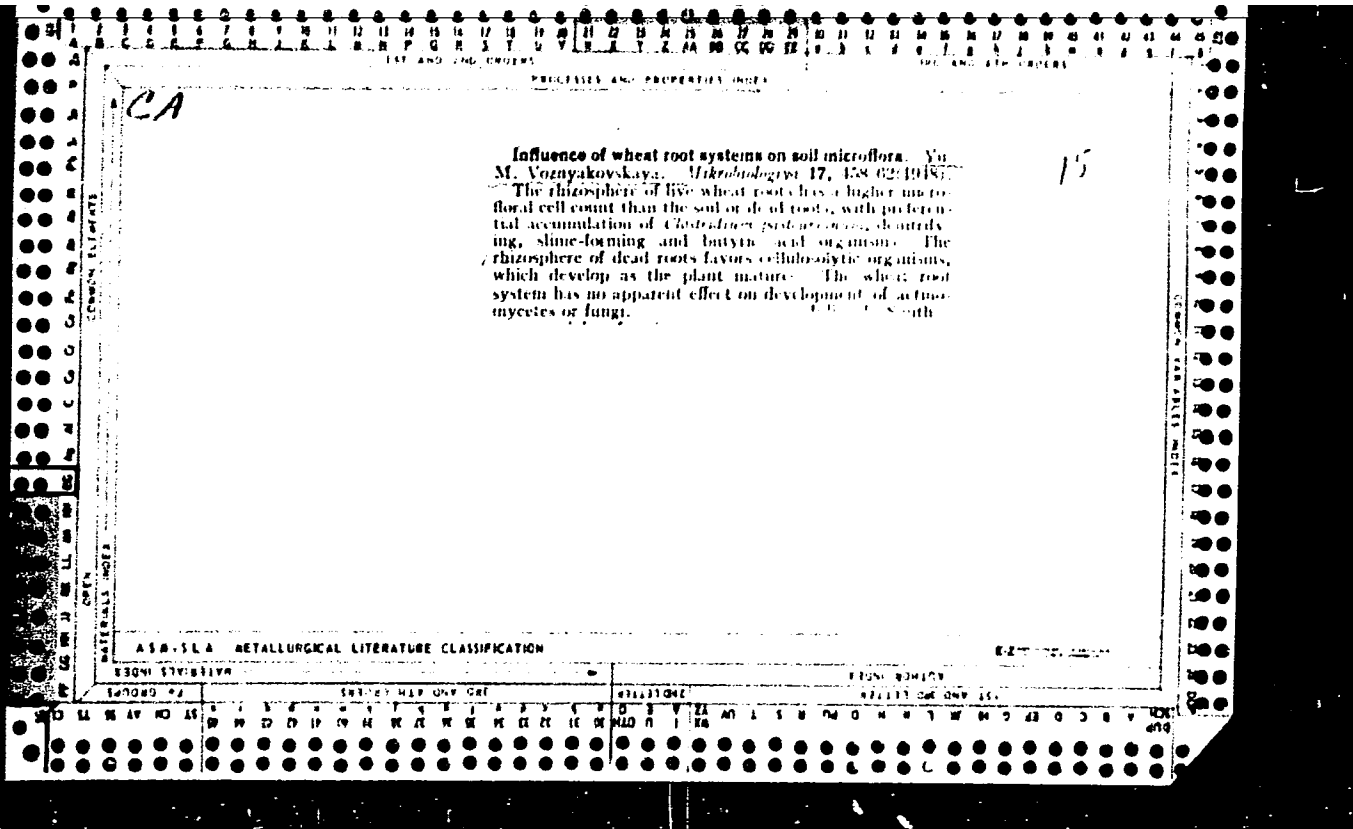
Pure cultures of mycorrhizal fungi. Ya. P. Khudyakov and Yu. M. Voznyakovskaya (All-Soviet Inst. Agr. Microbiol., Moscow). *Mikrobiologiya* 20, 13-19(1951).—Amino-heterotrophic growth was observed in pure cultures of mycorrhiza from fruiting cells of *Boletus edulis*, *B. luteus*, *B. juridus*, and *B. variegatus*; also from hyphae found on oak rootlets. Casein hydrolyzate supplies the essential amino acids. Addn. of folic acid, Ca pantothenate, *p*-aminobenzoic acid, and several B vitamins in culture tests did not reveal any vitamin requirement. Several aspects of growth behavior common to hymenomyces were observed.  
Julian F. Smith

ERUDJANOV, I.A. D. AND VOZNYAKOVSKAYA, YU. H.

Moscow Department of the All-Union Institute of Agricultural Microbiology.  
"Pure cultures of Mycorrhizal fungi."

SO: MIKROBIOLOGIJA, VOL. 20, NO. 1, JAN/FEB 1951.





VOZNYAKOVSKAYA, Yu.M.

Stimulation of plant growth by epiphytic microflora. Trudy  
Inst. mikrobiol. no.11:56-62 '61 (MIRA 16:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'sko-  
khozyaystvennykh nauk imeni Lenina.

\*

VOZNYAKOVSKAYA, Yu. M. ZHIL'TSOVA, G.K.

Species making up the rhizosphere bacteria of several plants  
[with summary in English]: Mikrobiologiya 27 no.5:611-618

S-0 '58

(MIRA 11:12)

1. Moskovskoye otdeleniya Vsesoyuznogo nauchno-issledovatel'skogo  
instituta sel'skhokhozyaystvennoy mikrobiologii.  
(RHIZOSPHERE MICROBIOLOGY)

VOZNYAKOVSKAYA, Yu. M.

Effect of fertilizers on soil microflora. Mikrobiologiya 24 no.1:  
99-102 Ja-F '55. (MLRA 8:4)

(SOIL, bacteriology,  
eff. of fertilizers)  
(BACTERIA,  
in soil, eff. of fertilizers)  
(FERTILIZERS, effects,  
on microbiol. of soil)

VOZNYAKOVSKAYA / M.

Interrrelationships between cellulose-decomposing bacteria and  
Azotobacter Y. M. Voznyakovskaya (*Agrobiologiya*, 1954, No. 4,  
MD81-85).—The two groups of organisms in soil and turf have a  
mutually stimulating action. SOITS & FEER. (A. G. P.)

VOZNYAKOVSKAYA, Y. M.

U O D I  
The address of the author and the title of the work are given in the original document.

M. VOZNYAKOVSKAYA, YU. P. P.

U.S.S.R.

1974, 1975, and 1976, Moscow, U.S.S.R. (Leningrad)

1974, 1975, and 1976, Moscow, U.S.S.R. (Leningrad)

*VOZNYI SPENSKIY, N. N.*

SENCHUROV, K.T., dots., DANITSKIY, I.N., BULIN, P.P., LEBEDEV, I.M., dots.  
SERGEYEV, M.Ye., prof., VOZNYESENSKIY, M.N., dots., SEBKO, S.T.,  
STEFANOVICH, I.P., kand.tekhn.nauk., TSEREVITINOV, B.F., red.;  
LEVITAN, I.M., red.izd-va., LEVCHUK, K.V., red.izd-va., BRUDCHENKO,  
A.M., red.izd-va., LEBANOVA, I.S., tekhn.red.

[Industrial and food products, a commodity guide] Товароведение  
promyshlennykh i prodovol'stvennykh tovarov. Moskva, Vneshtorgizdat  
Vol.2. 1958. 574 p. (MIRA 11:9)  
(Commercial products)



PROCESSES AND PROPERTIES INDEX

2184. DESULPHURIZATION OF COAL IN COURSE OF BENEFICIATION. Voznyi, G. E. (Stal. 1947, vol. 7, 1062-1066; abstr. in Chem. Abstr., 1949, vol. 43, 4830). The data accumulated over a period of time at a coal-washing plant are systematized and analyzed. In run-of-the-mine coal the larger fractions, 50-6 m.m., had the highest S content, 4.30-5.63%. The average for the entire coal was 3.12%. With reference to specific gravity, the fraction of specific gravity 1.5 had the least S. Within this fraction, the larger sizes contained more S. The same was true for washed coal. The S content of the washed large-size fraction, 60-113 m.m., was 2.90%. Actually, it should not have exceeded 2.30%, which is the S content of the fraction of specific gravity less than 1.4. The additional S was contributed by the fraction of heavier specific gravity, which contaminated the washed coal. A similar case was presented by the 13 m.m. size fraction. Thus, more effective beneficiation could reduce the S content in the concentrate. The tailings from jigging consisted predominantly of the fraction of specific gravity 1.6, high in ash and S, and to a smaller extent of agglomerates of coal with pyrite or mineral matter. The ash content of the tailings was 20-40 and the S content 5-6%. It was calculated that in each 100 tons of tailings were lost 3.4 tons of large-size

METALLURGICAL LITERATURE CLASSIFICATION

A13 31A

PROCESSES AND PROCEDURAL NOTES

21

*PA*

**Desulfurization of coal in the course of beneficiation**  
 G. E. Voznyl. *Stal* 7, 1942-43(1947). The data accumulated over a period of time at a coal-washing plant are systematized and analyzed. In run-of-the-mine coal the larger fractions, 40-6 mm., had the highest S content, 4.30-3.65%. The av. for the entire coal was 3.12%. With reference to sp. gr., the fraction of sp. gr. 1.3 had the least S. Within this fraction, the larger sizes contained more S. The same was true for washed coal. The S content of the washed large-size fraction, 50-13 mm., was 2.90%. Actually, it should not have exceeded 2.80%, which is the S content of the fraction of sp. gr. less than 1.4. The added S was contributed by the fraction of heavier sp. gr., which contaminated the washed coal. A similar case was presented by the > 13 mm. size fraction. Thus, more effective beneficiation could reduce the S content in the concentrate. The tailings from jigging consisted predominantly of the fraction of sp. gr. > 1.8, high in ash and S, and to a smaller extent of agglomerates of coal with pyrite or mineral matter. The ash content of the tailings was 20-40 and the S content 5-6%. It was calculated that in each 100 tons of tailings were lost 3.4 tons of large-size coal contg. 11.87% ash and S 4.01%, and 15.7 tons small-size coal contg. ash 5.1 and S 2.83%. The loss is not total since the tailings are used for firing steam boilers. However, improved jigging procedure and better handling of coal dust could increase the recovery of coal concentrate and reduce the ash and S in it.  
 M. Hosh

ASH-S&A METALLURGICAL LITERATURE CLASSIFICATION

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1. VOZNYI, I. D.
2. USSR (600)
4. Rostov Province - Grasses
7. Sowing grass in Rostov Province irrigation farming. Dost. sel'khoz. No. 5, 1953.

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

- 1. VOZNYI, I.D.
- 2. USSR (600)
- 4. Grasses - Rostov Province
- 7. Sowing grass in Rostov Province irrigation farming, Dost.sel'khoz. no. 5, 1953.

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

I 8619-66 ETC(-) MW  
 ACC NR: APPROVED FOR RELEASE: 09/01/2001 SOURCE CODE: UR/0120/65/000/005/0188/0190  
 CIA-RDP86-00513R001961210007-4" 28

AUTHOR: Voznyuk, A. S.; Doroshenko, A. N.; Cherepanov, V. N.

ORG: Physics-Engineering Institute GKAE, Sukhumi (Fiziko-tekhnicheskii institut GKAE) B

TITLE: An ionization manometer for the measurement of steady and pulsed pressures

SOURCE: Pribory i tekhnika eksperimenta, no. 5, 1965, 188-190

TOPIC TAGS: manometer, gas pressure, pressure measuring instrument qm

ABSTRACT: An ionization manometer for the measurement of fast changes in pressure of neutral gases in vacuum chambers using quasi-stationary magnetic and HF fields has been developed using 2S3A ultraminiature triodes as sensors. The anode-cathode voltage difference is 150 v, anode-collector voltage is 10 v, and emission current is 100-500  $\mu$ a. The anode voltage originates from a 26-I generator supplying at 5 kc voltage pulses 10  $\mu$ sec long. The presence of external fields makes additional calibration necessary. The manometer has a range from  $10^{-4}$  to 1 Torr. Using a low pressure wave generated by a pulsed electromagnetic valve, the time constant of the new device is found to be less than 100  $\mu$ sec demonstrating the manometer capable of measuring time variations in pressure. Orig. art. has: 4 figures.

SUB CODE: IE,EC / SUBM DATE: 07Aug64 / ORIG REF: 003 / OTH REF: 002

ZHURAVEL', A.I., kand. ekonom. nauk; VOZNYUK, G.A., inzh.

Determining the economic efficiency of the transfer of short distance freight to the automotive transportation. Zhel. dor. transp. (MIRA 17:11)  
46 no.8:50-52 Ag '64.

1. Nachal'nik otdela planirovaniya perevczok gruzovoy sluzhby Zabaykal'skoy dorogi (for Voznyuk).

VOZNYUK, G.S., inzh.; CHALYY, G.T., tekhnik

Automatic dynamic penetrating equipment. Transp. stroi. 15  
no.1:54 Ja '65. (MIRA 18:3)

VOZNYUK, G.S., inzh.; DRUZHININ, M.K., inzh.; MALIVANCHENKO, P.I., inzh.

Testing core lifters on transportation lines. Transp. stroi. 14  
no.6:39-40 Je '64. (MIRA 18:2)

VOZNYUK, I.K..(Rovno)

Prevention of ethylated benzene poisoning among drivers and auto  
repair workers in garages. Fel'd. i akush. 25 no.2:52-53 F '60.  
(MIRA 13:5)

(LEAD POISONING)



VOZNYUK, I.K., fel'dsher (Rovno)

Treatment of the moist stages of eczema and protracted  
ulcers. Fel'd. i akush. 27 no.2:42-43 F '62. (MIRA 15:3)  
(ECZEMA) (ULCERS)

VOZNYUK, I.K., fel'dsher (Rovno)

~~How we achieved a lowering of the incidence of influenza in~~  
enterprises. Fel'd. 1 akush. 24 no.7:47-48 JI '59. (MIRA 12:10)

(ROVNO--INFLUENZA)

VOZNYUK, I.Ya.

Deactivation of pipettes and syringes. Trudy Kish.gos.med.inst.  
13:187-188 '60. (MIRA 16:2)

1. Kafedra rentgenologii i radiologii Kishinevskogo gosudarst-  
vennogo meditsinskogo instituta. (PIPETTES—CLEANING) (SYRINGES—CLEANING)

VOZNYUK, I. Ya.

VOZNYUK, I. Ya. "Intraosteal pyelography", Trudy Kishinevsk. gos. med. in-ta, Vol. 1, 1949,  
p. 128-32.

SO: U-3261, 10 April 53 (Letopis - Zhurnal 'nykh Statey No. 11, 1949)

VOZNYUK, I.Ya.

Effect of X-ray irradiation on the reproductive function in  
dogs and their first generation progeny. Med. rad. 8 no.4:  
62-67 Ap'63 (MIRA 17\*2)

1. Iz kafedry rentgeno-radiologii ( zav. -- dotsent A.P.  
Burkalov) Kishinevskogo meditsinskogo instituta.

BURKALOV, A.P., dotsent; VOZNYUK, I.Ya., dotsent; BALABAN, M.B.

Course of severe acute radiation sickness following intravenous  
administration of bone marrow (experimental study). Voен.-med.  
zhur. no.9:23 S '61. (MIRA 15:10)  
(RADIATION SICKNESS) (MARROW--TRANSPLANTATION)

ACCESSION NR: AP4002857

S/0280/63/000/006/0072/0077

AUTHOR: Voznyuk, L. L. (Kiev); Ivanenko, V. I. (Kiev); Karachenets, D. V. (Kiev); Sverdun, M. L. (Kiev)

TITLE: Synthesis of time optimal control for second-order systems

SOURCE: AN SSSR. Izv. Otdel. tekhn. nauk. Tekhn. kibernetika, no. 6, 1963, 72-77

TOPIC TAGS: time optimal control synthesis, second-order control system, phase space method, optimal switching curve, switching curve determination, second-order differential equation, Cauchy problem, automatic-control system, relay-control system, time optimum problem

ABSTRACT: In earlier works, the hypersurface of sign-changing of the relay element was obtained as a nonlinear function of phase coordinates of the controlled system. In this article, a relay-type control system is considered

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ACCESSION NR: AP4002857

whose linear part is described by a second-order differential equation with an arbitrary-root characteristic equation. Synthesizing a quick-response-optimized control is based on a phase-space method using a speedy simulator for plotting the optimum switching curve. "Experimental investigations showed a satisfactory operation of the system with the processes in the controlled system very near to optimum." No description of any experiments is given. Three oscillograms of transients in the controlled system show the system output variable, its derivative, and the control signal at the input. Orig. art. has: 5 figures and 18 formulas.

ASSOCIATION: none

SUBMITTED: 15Dec62

DATE ACQ: 09Jan64

ENCL: 00

SUB CODE: CG

NO REF SOV: 006

OTHER: 000

Card 2/2



VOZNYUK, L. L., Cand Phys-Math Sci -- (diss) "On the Stability  
of Periodic Solutions of Equations of Higher Order." Kiev, 1957.  
6 pp (Acad Sci Ukr SSR, Inst of Mathematics), 100 copies (KL,  
50-57, 117)

- 5-

*002890A, K.L.*

Yoiznyuk, L. L. On the stability of periodic solutions of high order equations. *Dopovidy Akad. Nauk Ukrain. RSR* 1957. 10:1-10. Ukrainian, Russian and English summaries.

1-F/W

2

The stability of the periodic solution of the equation  
(1)  $K(p) \Phi(z) = \dots$

is considered. Here  $\epsilon$  is a positive parameter,  $p = d/dt$ ,  $K(p)$  is an analytic function,  $\Phi(z)$  has a sufficient number of derivatives with respect to  $z$  and is analytic in  $z$ .

The equation of variations is constructed for equation (1) by the Kryloff-Bogolyuboff method. The characteristic equation is then constructed and the stability of the periodic solution is discussed on the basis of the nature of the roots of the characteristic equation. A *tablica* is given regarding the analytical dependence of

11

VOZNYUK, L.L.

Effect of the small parameter at the highest derivative in  
the calculation of systems. Zbir. prats' z obchys. mat. 1  
tekh. 3:65-69 '61. (MIRA 15:2)

(Automatic control)  
(Differential equations)

VOZNYUK, L.L.

On the stability of periodic solutions of high order equations. [with summary in English]. Dop. AN URSR no.1:13-17 '57. (MIRA 10:4)

1. Institut matematiki AN URSR. Predstaviv akademik M. M. Bogolyubov. (Differential equations) (Equations, Theory of)

VOZNYUK, L.L. (Kiyev); IVANENKO, V.I. (Kiyev); KARACHENETS, D.V. (Kiyev);  
SVERDAN, M.L. (Kiyev)

Synthesis of control systems optimum in response time for second-  
order objects. Izv. AN SSSR. Tekh. kib. no.6:72-77 N-D '63.  
(MIRA 17:4)

34611

S/696/61/003/000/007/011

D251/D304

16,8000 (1031, 1132, 1329)

AUTHOR: Voznyuk, L.L.

TITLE: The influence of a small parameter with chief derivatives in solving a system

SOURCE: Akademiya nauk Ukrayins'koyi RSR. Obchyslyuval'nyy tsentr. Zbirnyk prats' z obchyslyuval'nyy matematyky i tekhniky, no. 3, 1961, 65 - 69

TEXT: The author considers a system of linear differential equations

$$\left. \begin{aligned} \frac{dx_i}{dt} - \sum_{j=1}^n a_{ij}x_j + c_i y &= \epsilon \quad (i = 1, 2, \dots, m) \\ \epsilon \frac{dy}{dt} + by - \sum_{i=1}^m g_i x_i &= 0 \end{aligned} \right\} \quad (1) \quad +$$

where  $\epsilon > 0$  is a small parameter;  $b$  is a positive constant;  $a_{ij}$ ,  $c_i$ ,  $g_i$  are continuous differentiable functions of  $t$  and the system des-  
Card 1/4

The influence of a small parameter ... S/696/61/003/000/007/011  
D251/D304

cribes some automatic control system. The dependence of the solution on  $\varepsilon$  is investigated, by means of the solution of equation

$$\varepsilon \frac{dy}{dt} + by = f(t), \quad (2)$$

where  $f(t)$  is a continuous differentiable function defined in  $(0, T)$  whose derivatives satisfy

$$|f^{(n)}(t)| \leq \frac{q^n b^{n+1}}{\varepsilon^n} \quad (3)$$

where  $q < 1$ . The solution is found to be of the form

$$y = Ce^{-\frac{b}{\varepsilon}t} + \frac{1}{b}f(t) - \frac{\varepsilon}{b^2}f'(t) + \frac{\varepsilon^2}{b^3}f''(t) - \frac{\varepsilon^3}{b^4}f'''(t) + \dots$$

and hence, by writing  $f(t) = \sum_{j=1}^m q_j x_j$ , the solution of (1) is found

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The influence of a small parameter ...

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to be

$$y = Ce^{-\frac{b}{a}t} + \frac{1}{b} \sum_{j=1}^m g_j x_j - \frac{cB_1}{b^2} e^{-\frac{b}{a}t} - \frac{c}{b^2} B_2 y - \frac{c}{b^2} \sum_{j=1}^m F_j x_j + \frac{c^2}{b^2} \sum_{j=1}^m D_j x_j + \frac{c^2}{b^2} B_3 y. \quad (19)$$

where

$$B_1 = \sum_{j=1}^m g_j c_j$$

$$B_2 = 2 \sum_{j=1}^m \frac{dg_j}{dt} c_j + \sum_{j=1}^m g_j \sum_{k=1}^m a_{jk} c_k + \sum_{j=1}^m g_j \frac{dc_j}{dt} + \frac{1}{b} \left( \sum_{j=1}^m g_j c_j \right)^2$$

$$F_j = \frac{dg_j}{dt} + \sum_{k=1}^m g_k a_{kj} \quad (18) \quad (18)$$

$$D_j = \frac{d^2 g_j}{dt^2} + 2 \sum_{k=1}^m g_k a_{kj} + \sum_{k=1}^m g_k \frac{da_{kj}}{dt} + \sum_{k=1}^m \sum_{l=1}^m g_l a_{lk} a_{kj} +$$

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The influence of a small parameter ... S/696/61/003/000/007/011  
 D251/D304

$$+ \frac{1}{b} \sum_{k=1}^m \sum_{l=1}^m g_k c_l a_{kl} + \frac{1}{b} \frac{dg_l}{dt} \sum_{k=1}^m g_k c_k \quad (18)$$

Hence  $y$  may be found correct to the order of  $O(\epsilon^2)$ . Hence it is shown that when  $(\epsilon/b^2)c_i E$  and  $(\epsilon^2/b^3)c_i D_j E$  are less than  $a_{ij}$ , they vanish, so that the solution of (1) differs only by a small amount from the degenerate case ( $\epsilon = 0$ ).

Card 4/4

KONOGRAY, B.Ya.; TOMASHEVSKAYA, S.G.; VOZNYUK, L.P.

Study of the silencers of fan no.3A of the "Gigant" Mine main  
ventilation system. Sbor. nauch. trud. NIGRI no.7:34-38 '60.  
(MIRA 14:12)

(Krivoy Rog Basin—Mine ventilation)

S/123/61/000/020/034/035  
A004/A101

AUTHORS: Konogray, B. Ya., Tomashevskaya, S. G., Voznyuk, L. P.

TITLE: Investigating the noise-absorbing devices of the ventilation equipment of the no. 3A main ventilation of the "Gigant" mine

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 20, 1961, 4, abstract 20Ts43 ("Sb. nauchn. statey. N.-i. gornorudn. in-t, UkrSSR", 1960, no. 7, 34-38)

TEXT: The authors describe investigations to reduce the noise produced by the ventilation equipment consisting of two axial fans with impellers 2.4 m in diameter, by way of placing silencers in the diffusor. Shell rock blocks and slag-concrete blocks are used as silencers. The fans produced a noise of 100 decibels within a radius of 10 m, and 74 decibels within a radius of 160 m, the limiting noise level being 70 decibels. Instead of the required 30 decibels the silencers reduced the noise by 14 - 17 decibels only. The insufficient efficiency of the silencer was a result of its dimensions being too small: width -

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S/123/61/000/020/034/035  
A004/A101

Investigating the noise-absorbing devices ...

4.4 m, length - 4.6 m, height - 6.3 m, and the use of slag blocks with a comparatively low coefficient of noise absorption. There are 3 figures.

B. Preobrazhenskiy

[Abstracter's note: Complete translation]

Card 2/2

ACC NR: AR7001769 SOURCE CODE: UR/0169/66/000/010/G018/G019

AUTHOR: Zapara, S. A.; Sergiychuk, A. G.; Voznyuk, L. P.; Krupin, V. F.

TITLE: Dependence of the intensity of seismic vibrations on the number of steps of retardation and on the distance from the explosion site

SOURCE: Ref. zh. Geofizika, Abs. 10G120

REF SOURCE: [Sb. nauchn. tr.] N. -i. gornorudn. in-t. USSR, no. 8, 1965, 168-172

TOPIC TAGS: seismic wave, ~~seismic vibrations, geologic explosion~~, MINING ENGINEERING, DETONATION

ABSTRACT: The detonation of millisecond delay blasts with shot holes in a grid pattern in the Krivbass [section of the USSR] is difficult because the seismic waves occurring there considerably exceed the safety norm for buildings and installations located within 1 to 1.5 km of the explosion site. Experimental explosions with an identical total weight of explosives were detonated, the bores in the quarries being spaced at 3 to 5 m, generally in one line. For each explosion, two seismic stations were installed over the length of the profile

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UDC: 550.341

ACC NR: AR7001769

(along the granites). The seismographs of each station were divided into two groups and seismic vibrations in three mutually perpendicular directions were recorded at two different points of the profile. The distances from the site of the explosions to the site of the seismographs were constant: 250, 400, 750, and 900 m. Four explosions occurred; with, respectively, 11 bores with a charge of 3115 kg of explosives (with 10 m/sec intervals of delay between the consecutively exploded groups of bores in both cases); 10 bores with 2840 kg of explosives; and 12 bores with 3250 kg of explosives. The delays between bores was 10 m/sec in the third case and 20 m/sec in the fourth. Results of the experimental explosions showed that the total explosive being equal, an increase in the number of groups of charges exploded at different times during the general blast, is always followed by a decrease in the intensity of seismic waves. Division of the total weight of explosives into 10 consecutive groups (9 degrees of delay) decreases the intensity of seismic vibration 4.2 times at a distance of 250 m, and 2.57 times at a distance of 900 m. When a considerable reduction of the seismic effect of mass explosions is necessary, the consecutive explosion of one shot hole after the other must be effected. Otherwise, shot holes should be planned with a maximum possible number of charges exploded at different times. The intensity of the exploded vibrations during millisecond delay explosions depends to a great

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ACC NR: AR7001769

degree on the volume of the delay interval, the decrease or the increase of which is accompanied by an increase in the seismic effect of the explosion. B. Rossi.  
[Translation of abstract] [GC]

SUB CODE: 08/

Card 3/3

VOZNYUK, R.K., inzhener.

---

Using bituminous gravel for road repair under Far Eastern conditions.  
Avt.dor. 20 no.3:14 Mr '57. (MIRA 10:5)  
(Soviet Far East--Roads--Maintenance and repair)  
(Pavements, Bituminous)



VOZNYUK, S.T.; KOROBCHENKO, Yu.T.; SKOCHINSKAYA, N.N.

Change in the characteristics of the improved peat soils  
in Polesye and the forest-steppe of the Ukraine under the  
effect of farming. Pochvovedenie no.1:19-28 Ja '64.

(MIRA 17:3)

1. Ukrainskiy nauchno-issledovatel'skiy institut pochvo-  
vedeniya imeni A.N. Sokolovskogo i Khar'kovskiy sel'sko-  
khozyaystvennyy institut imeni V.V. Dokuchayeva.

VOZNYUK, S. T., Cand Agric Sci (diss) -- "Peat-bog soils of the left-bank central Dnepr region: genesis, classification, and productive features (On the example of the flood plain of the Trubezh River)". Khar'kov, 1959. 22 pp (Min Agric Ukr SSR, Khar'kov Order of Labor Red Banner Agric Inst im V. V. Dokuchayev, Ukr Sci Res Inst of Soil Science im A. N. Sokolovskiy), 150 copies (KL, No 9, 1960, 126)

VOZNYUK, S.N.

Tobacco Manufacture and Trade

High time to Mechanize cleaning of machinery. Tabak 13 no. 1, 1952

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

KRENKEL', E., Geroy Sovetskogo Soyuz; VISHNEVETSKIY, F.; TARIVERDIYEV, D.,  
kand. tekhn. nauk; KARAYANIY, V.; TOVMASYAN, L., nauchnyy rabotnik  
(Yerevan); ROBUL, B.; VOZNYUK, Y.; YEREMIN, H., radiolyubitel'  
(Moskva); MATLIN, S., inzh.; BORNOVOLOKOV, E., inzh.; GONCHAROV, V.;  
GRIF, A.; MSTISLAVSKIY, A.

Works and needs of radio amateurs. Radio no.7:1-3 '64.

(MIRA 18:1)

1. Predsedatel' prezidiuma Federatsii radiosporta SSSR (for Krenkel').
2. Glavnyy redaktor zhurnala "Radio" (for Vishnevetskiy).
3. Chlen Bakinskogo radio-kluba (for Tariverdiyev).
4. Predsedatel' L'vovskoy oblastnoy seksii radiosporta (for Karayaniy).
5. Nachal'nik Donetskoy shkoly radioelektroniki (for Robul).
6. Predsedatel' soveta Novosibirskogo oblastnogo radiokluba (for Voznyuk).
7. Spetsial'nyy korrespondent "Pravdy" (for Goncharov).
8. Spetsial'nyye korrespondenty zhurnala "Radio" (for Grif, Mstislavskiy).

YEMEL'YANOV, Ye.; BOCHAROV, M.; VOZNYUK, V.; TIMOSHIN, D.

Towards new achievements. Radio no.8:3 Ag '62. (MIRA 15:8)

1. Nachal'nik Novosibirskogo radiokluba (for Bocharov).
2. Predsedatel' soveta Novosibirskogo radiokluba (for Voznyuk).
3. Nachal'nik Sumskogo radiokluba (for Timoshin).  
(Radio operators)

INOZEMTSEV, G.B.; VOZNYUK, V.S.

High-voltage **switch** for systems used in the lacquering of goods  
in the electrostatic field. Ber. 1 der. prom. no.3:31-32 31-3  
'65. (MIRA 18:9)

ZEL'TSER, G.Ya.; VOLOBOYEV, I.N.; KOSTIN, A.P.; BULGAKOV, A.A.;  
VOZNYUK, V.S.; KALMYKOV, A.M.; STUDENTSOV, S.A.; BERSHIDSKIY,  
P.I.; MOISEYEV, G.A., inzh., retsenzent; SOBAKIN, V.V., inzh.,  
red.; VOROTNIKOVA, L.F., tekhn. red.

[The TG102 diesel locomotive] Teplovoz TG102. Moskva, Transzheldor-  
izdat, 1962. 150 p. (MIRA 16:1)  
(Diesel locomotives--Hydraulic drive)

BELOKON', M.Ye.; INOZEMTSEV, G.B.; KOZYRINA, A.P.; VOZNYUK, V.S.;  
OSTIYAN, Z.Yu.; KOZUB, M.M.; MAN'KO, Ya.V.

Electric apparatus for chair varnishing. Der. prom. 12 no.9:  
11-12 S '63. (MIRA 16:10)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanicheskoy obrabotki drevesiny (for Belokon', Inozemtsev, Kozyrina, Voznyuk).
2. Irshavskiy mebel'nyy kombinat (for Ostiyan, Kozub, Man'ko).



VOZNYUK, Vladislav Vladimirovich; SHPAKOVSKAYA, L.I., red.; SUBBOTINA, G.M., tekhn. red.

[Amateur radio designs] Radioliubitel'skie konstruktsii. Novosibirsk, Novosibirskoe knizhnoe izd-vo, 1961. 133 p.  
(MIRA 15:2)

(Radio circuits)

VOZNYUK, Ye.I.; POMAROV, B.D.

Use of radioactive phosphorus in the diagnosis of stomach cancer.  
Khirurgiia 38 no.12:60-62 D '62. (MIRA 17:6)

1. Iz kafedry fakul'tetskoy khirurgii lechebnogo fakul'teta  
(zav.- akad. A.N. Ba'ulev) i kafedry rentgenologii i radiologii  
(zav. - prof. V.A. D'yachenko) II Moskovskogo meditsinskogo  
instituta N.P. Pirogova.

VOZNYUK, Ye. I.; GRUSHA, O. V.

Radioactive phosphorus in the differential diagnosis of pigmented tumors of the eye. Med. rad. no.4:35-40 '62. (MIRA 15:6)

1. Iz kafedry rentgenologii i radiologii (zav. - prof. V. A. D'yachenko) i kafedry glaznykh bolezney (zav. - prof. N. A. Pletneva) II Moskovskogo meditsinskogo instituta imeni N. I. Pirogova.

(EYE—TUMORS) (PHOSPHORUS—ISOTOPES)  
(DIAGNOSIS, DIFFERENTIAL)

VOZNYUK, Ye.I.

Significance of the caffeine load in the diagnosis of thyroid gland hyperfunction. Med.rad. no.6:23-26 '61. (MIRA 15:1)

1. Iz kafedry rentgenologii i radiologii II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.

(HYPERTHYROIDISM) (CAFFEINE—PHYSIOLOGICAL EFFECT)

LARINA, Z.T., kand.med.nauk; GRUSHA, O.V.; VOZNIUK, Ye.I.

USSR

Radioindications and the luminescent method in the diagnosis of tumors of the anterior segment of the eye and its adnexa. Vest. oft. no.3:22-26 My-Je '62. (MIRA 15:8)

I. Kafedra glaznykh bolezney (zav. - prof. N.A. Pletneva) i kafedra rentgenologii i radiologii (zav. - prof. V.A. D'yachenko)  
II Moskovskogo meditsinskogo instituta imeni N.I. Firogova.  
(EYE---TUMORS) (LUMINESCENCE) (RADIOACTIVE TRACERS)

L 18430-63

EWT(d)/EWP(q)/EWT(m)/BDS AFFTC/ASD JD

ACCESSION NR: AP3005540

S/0184/63/000/004/0035/0035

AUTHORS: Vit'ko, P. I.; Roytman, V. I.; Voznyy, A. V. (Engineers)

TITLE: An experiment on checking the hardness of pipes by a magnetic method

SOURCE: <sup>16</sup> Khimicheskoye mashinostroyeniye, no. 4, 1963, 35-36

TOPIC TAGS: coercimeter, magnetic method, hardness, pipes, steels ShKh15, 10, 20, 12KhN3A, Kh5M, 12Kh5MA

ABSTRACT: This factory has applied a magnetic method for inspecting the hardness of pipes by means of a coercimeter. The method has been used on cold and hot rolled pipes of steel ShKh15. In the former, the magnitude of the coercive force (relative to the hardness) varies within broad limits; in the latter the differences in coercive force are much smaller. Minute variations in the structure of pipes cause large variations in coercive forces which can be measured with a Mikheyev coercimeter. The hardness of pipes made of soft steels 10, 20, 12KhN3A, Kh5M, 12Kh5MA and others was more difficult to determine and called for changes in the coercimeter. The augmented design is shown in Enclosure 1. It has been noted in plotting of hardness curves that the scatter of points obtained with a coercimeter is conditioned by the form and material composition of the electromagnet, its

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L 18430-63

ACCESSION NR: AP3005540

contact with the pipe, etc. The use of this method saves metal and time and makes it possible to inspect the entire length of a pipe. Orig. art. has: 2 figures.

ASSOCIATION: Nikopol'skiy yuzhnotrubnyy zavod (Nikopol' Southern Pipe Factory)

SUBMITTED: 00

DATE ACQ: 21Aug63

ENCL: 01

SUB CODE: ML

NO REF SOV: 002

OTHER: 000

Card 2/3 21

TARASOV-AGALAKOV N.; ~~VOZNEKOV, N.~~; GOLUBEV, S.; LAVROV, D.; AMANOV, I.;  
GELAKH, V.; BOLANIN, N.; KASHCHENKO, V.; MAKAROV, M.; GOLOSTIN, M.;  
ZNAMENSKIY, N.; DZHALALOV, Ya.; GLEBOV, V.; CHELYSHEV, P.;  
D'TAKOV, N.; BRAUN, P.

Georgii Innokent'evich Zhukov; obituary. Posh.delo 5 no.7:32  
Jy '59. (MIRA 12:9)  
(Zhukov, Georgii Innokent'evich, d.in 1959)



~~VOENNY, G.~~, referent.

Making transformer steel by mixing open hearth and electric steels  
(from foreign journals). Stal' 18 no.3:225-226 Nr '58. (MIRA 11:3)  
(Czechoslovakia--Metallurgy) (Steel--Metallurgy)

VOZNYI, G.F.

✓ Flotation possibilities of high-sulphur coals. G. F. Voznyi  
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S and pyritic S contents were determined. Flotation of the 1-mm.  
fraction with a fluid of sp. gr. 1.3 reduced its content of pyritic S to  
0.9—0.95%, so that the coal could be used for making metallurgical  
coke.

Fuel

1

B.C.U.R.A. (R.B.C.)

Ukrainian Coal Chemistry Inst

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(Coal preparation--Equipment and supplies)

SOV/68-59-4-5/23

AUTHORS: ~~Voznyy, G.F., Tankovskiy, P.I.~~ and Burda, N.I. (UZhIN),  
Vladovskaya, A.Ya. and Samylin, N.A.

TITLE: An Industrial Test of Micro-additions for Decreasing  
the Moisture Content of Flotation Concentrates Obtained  
on Vacuo-Filters (Promyshlennyye ispytaniya  
mikro-dobavok dlya snizheniya vlazhnosti kontsentrata  
flotatsii na vakuum-fil'trakh)

PERIODICAL: Koks i Khimiya, 1959, Nr 4, pp 13-16 (USSR)

ABSTRACT: The influence of small additions of surface active  
substances on the moisture content of flotation  
concentrates have been investigated on an industrial  
scale. It was found that an addition of 0.025% of  
"gas oil contact" (0.7 to 0.8 kg/t of dry substance) or  
0.05% of PM-50 (a product based on coal tar oils - not  
specified) decreases the moisture content of flotation  
concentrates by 3%. It was established that the above  
additions speed up the coagulation of slurries and  
clearing of water on the works. It is expected that  
with the accumulation of a micro-additive in the water  
the currently added amount can be decreased without a

Card 1/2

SOV/68-59-4-5/23

An Industrial Test of Micro-additions for Decreasing the Moisture Content of Flotation Concentrates Obtained on Vacuo-Filters

decrease in the dewatering effect. In order to obtain more information on the technico-economical effect of adding PM-50 and "gas oil contact" a prolonged continuation of the test is proposed. There are 3 tables and 6 references of which 3 are Soviet, 1 English, and 2 German.

ASSOCIATION: Yenakiyevskiy Koksokhimicheskiy zavod (Yenakiyevskiy Coking Works) - (Vladovskaya and Samylin); UkhIN (Voznyy, Tankovskiy and Burda)

Card 2/2

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