

ZARAND, S.; CHAYKIN, L.; GORIKOV, P.

Investigation of petroleum sulfur compounds. I. p. 111.

MAGYAR KEMIKUSOK LAPJA. (Magyar Kemikusok Egyesulete)
Budapest, Hungary
Vol. 11, no. 10, Oct. 1959.

Monthly List of East European Accessions (EEAI) 10., Vol. 8, no. 12, Dec. 1959.
Uncl.

ZARANSKI, Tadeusz, prof. dr inż.

Remembrances about Docent Stefan Barczyk. Gornictwo Gliwice no.6:
9-11 '63.

1. Dziekan Wydzialu Gorniczego, Politechnika, Gliwice.

ZARANSKI, Tadeus, prof. dr inż.

Remembrances about Docent Jan Zyzak. Gornictwo Gliwice no.6:
5-6 '63.

1. Dziekan Wydziału Gorniczego, Politechnika, Gliwice.

ZARANSKI, Tadeusz

Certain problems concerning the heating of motors of electric mining locomotives. Gornictwo Gliwice no.4:3-24 '62.

ZARANSKI, T.

Thermal calculations of electric hoisting machines. p. 263.

ARCHIWUM GORNICITWA. (Polska Akademia Nauk. Komitet Gornictwa) Warszawa, Poland
Vol. 3, no. 4, 1958.

Monthly list of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959
uncla.

ZARANSKI, Tadeusz, prof. dr inż.

Permissible load for traction engines during underground work.
Gornictwo Gliwice no.12;147-182 '64.

ZARAPIN, A.

Glory born in battle. Voen. znan. 37 no.10:7-8 0 '61.
(MIRA 14:9)

1. Byvshiy nachal'nik politotdela 53-y gvardeyskoy tankovoy
brigady.

(World War, 1939-1945--Campaigns)

ZAFAPIN, D. (Moskva)

In an interplant school. HTO no.8;42 Ag '59.
(Moscow--Technical education)

(MIRA 12:11)

VINIK, P.A.; ZARAFIN, Ye.Ya., red.

[Manufacturing machine parts of laminated wood plastics and compressed wood; standard designs of the State Institute for Design and Planning in the Lumber, Timber-Floating and Woodworking Industries' "Proizvodstvo detalей машин из древесно-слоистых пластиков и древесной пресс-крошки; типовые проекты Гипролеспрома. Москва, Центр. научно-иссл. ин-т информатии и технико-экон. иссл. по лесной, целлюлозно-бумажной, деревообрабатывающей промышленности и лесному хозяйству, 1963. 29 p. (MIRA 17:10)

L 29920-66 EWP(k)/EWT(m)/T/EWF(w)/EWP(t)/ETI IJP(c) DJ/JD/HW/JG
ACC NR: AP6017300 (A, N) SOURCE CODE: UR/0136/66/000/005/0093/0194

AUTHOR: Krupin, A. V.; Pavlov, I. M.; Linetskiy, B. L.; Chernyshev, V. N.;
Zarapin, Yu. L.; Starkov, V. N.; Korchagin, P. A.; Vinogradov, V. V.; Tyukalov, T. V.

ORG: none

TITLE: Rolling of tungsten and molybdenum under conditions of low partial pressures of oxygen

SOURCE: Tsvetnyye metally, no. 5, 1966, 93-94

TOPIC TAGS: tungsten, molybdenum, hot rolling, tungsten rolling, molybdenum rolling, vacuum rolling

ABSTRACT: Tungsten and molybdenum plates (8 x 40 x 150 mm) preforged or prerolled from sintered ingots were hot rolled in air, argon containing 0.03% O₂ and 0.01% N₂, or in a vacuum of 0.1-0.005 mm Hg. Tungsten was rolled at 1200, 1300, and 1450C with reductions of 10, 20, and 30% per pass; molybdenum was rolled at 950, 1050, and 1150C with reductions of 10, 20, 30, 50, and 55% per pass. A sharp increase in the roll pressure, torque, forward slip, and friction coefficient was observed with change from air atmosphere to a pressure of 0.1 mm Hg. This was caused by increased friction. Lowering the pressure from 0.1 to 0.005 mm Hg had little or no additional effect. Increasing the rolling temperature in vacuum of 0.01 mm Hg had an insignificant effect on the specific pressure in rolling molybdenum, but appreciably

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UDC: 669.27/.28:621.771

L 29920-66

ACC NR: AP6017300

decreased the specific pressure in rolling tungsten, e.g., from 74 at 1200C to 64 and 60 kg/mm² at 1300 and 1450C, respectively. The specific pressure increased with increasing reduction. In rolling tungsten in a vacuum of 0.1 mm Hg, increasing the reduction from 20 to 30% led to a specific pressure increase from 74 to 91 kg/mm² at 1200C and from 60 to 69 kg/mm² at 1450C. In rolling molybdenum the specific pressure increased from 44 to 96.5 kg/mm² with increasing reduction from 10 to 45% at 1050C. In vacuum rolling at high temperatures and reductions a sticking of metal to the rolls was observed. In rolling of tungsten at 1450C with a reduction of 35%, an intensive sticking resulted in splitting of metal. Little or no sticking was observed at 1200C. Noticeable sticking was observed in rolling molybdenum at 1150C. [MS]

SUB CODE: 11,13/SUBM DATE: none/ ORIG REF: 001/ ATD PRESS: 5011

Card 2/2 (16)

SHCHEPOT'YEV, O.A.; ZARAPINA, Ye.Ye., red.

[Automated sizing of saw logs at sawmills] Avtomatizirovannaiia sortirovka pilovochnogo syr'ia na leszavodakh. Moskva, TSentr. nauchno-issl. in-t informatsii i tekhniko-ekon. issledovaniia po lesnoi, tselliulozno-bumazhnoi, derevoobrabatyvaiushchei promyshl. i lesnomu khoz., 1964. (MIRA 18:5)
68 p.

ARKHANGEL'SKIY, V.D.; REBRIN, S., nauchn. red.; ZARAPINA, Ye.Ya.,
red.; PETHENKO, V.M., tekhn. red.

[Units for drying shavings and sawdust] Agretaty dlia rishki
struzhek i opilok. Moskva, TSentr. in-t tekhn. informatsii
i ekon. issledovaniy po lesnoi, buma khnoi i derevoobrabat.
promyshl., 1963. 23 p. (MIRA 17:4)

ZARAPINA, Ye.Ya., red.

[Collection of articles on lumber drying] Sbornik statei po sushke drevesiny. Moskva, 1963. 47 p. (MIRA 17:9)

1. Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut informatsii i tekhniko-ekonomicheskikh issledovaniy po lesnoy, tsellyulozno-bumazhnoy, derevoobrabatyvayushchey promyshlennosti i lesnomu khozyaystvu.

PATSIORY, P.P., doktor tekhn. nauk, red.; VIL'KE, G.A., kand.tekhn. nauk, red.; ZARAFINA, Ya.Ye., otv. za vypusk; KARAVASHKIN, S.I., otv. za vypusk; TIKHOMIROVA, V.R., red.

[Establishment and operation of automatic and semiautomatic lines in forest and wood-using industries] Ustroistvo i ekspluatatsia avtomaticheskikh i poluavtomaticheskikh liniy v lesnoi i derevoobrabatyvalushchey promyshlennosti. Moskva, GOSINTI, 1962. 172 p. (MIRA 16:8)

1. Russia (1917- R.S.F.S.R.) Gosudarstvennyy komitet po koordinatsii nauchno-issledovatel'skikh rabot. (Wood-using industries) (Automatic control)

ZARAI OV, A.A., assistant

Cancer of female sex organs in young women and its localization.
Sber. nauch. trud. Rost. gos. med. inst. no.21:103-110 '68.
(MIRA 17:11)

1. iz kafedry akusherstva i ginekologii (zav. - prof. P.Ya. Leipunuk)
Rostovskogo meditsinskogo instituta.

ZARAPOV, A.A., assistant; SHURYGINA, M.A., ordinator

Primary cancer of the fallopian tubes. Sbor. nauch. trud. Rost.
gos. med. inst. no.21:71-75 '63.

(MIRA 17:11)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. P.Ya. Iel'chuk)
Rostovskogo meditsinskogo instituta.

ZARAPOV, A.A., assistant

Combination of r fibromyoma of the uterine body and extrauterine pregnancy. Sbor. nauch. trud. Rost. gos. med. inst. no.21:153-156 '63. (MIRA 17:11)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. P.Ya. Iel'chuk) Rostovskogo meditsinskogo instituta.

BLGKHINA, L.I.; KARAVNYAYEVA, B.K.; KRASIVSKAYA, I.S.; PETROVA, M.A.;
TIKHOMIROVA, E.I.; YAKOVLEVA, Ye.B.

Classification of detrital volcanic and tuffaceous-sedimentary rocks.
Bul.MOIP. Otd.geol. 33 no.3:145-146 My-Je '58. (MIRA 11:11)
(Rocks, Sedimentary)

ЗАРВНЫЯЕВА, В.К.

BOGDANOV, A.A.; ZARAVNYAYEVA, V.K.; CHETVERIKOVA, N.P.

New data on the structure of the lower Paleozoic of the Sary-Su-Tengiz uplift in central Kazakhstan. Sov. geol. no.52:27-33 '56.
(Kazakhstan--Geology, Stratigraphic) (MLRA 10:4)

SOV-5-58-3-16/39

AUTHORS: Blokhina, L.I., Zaravnyayeva, V.K., Krasivskaya, I.S.,
Petrova, M.A., Tikhomirova, E.I., Yakovleva, Ye.B.

TITLE: Questions of Classification of Volcanogen and Tuffogen Sedi-
mentary Rocks (K voprosu o klassifikatsii oblomochnykh vul-
kanogennykh i tufogenno-osadochnykh porod)

PERIODICAL: Byulleten' Moskovskogo obshchestva ispytateley prirody,
Otdel geologicheskiiy, 1958, Nr 3, pp 145-146 (USSR)

ABSTRACT: This is a resume of a lecture held on Feb 27, 1958. Experi-
ence gained by studying the Paleozoic effusive layers of the
Altay, in Kazakhstan and other regions has shown that none
of the existing classifications for clastic volcanogen rocks
(Vol'f, Ventvors and Vil'yams, Ye.T. Shatalov, Ye.F. Maleyev,
N.I. Nakovnik and others) can be utilized completely. Ge-
neral classification principles were examined in the lecture.
In as much as the examined rocks were by origin intermediate
products between effusive and sedimentary rocks, classifica-
tion standards were based on the principles of classification
of rocks of magmatic (chemical composition) and sedimentary
origin (size of fragmentary material). The authors subdivided

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SOV-5-58-3-16/39

Questions of Classification of Volcanogen and Tuffogen Sedimentary Rocks

fragmentary rocks into 3 groups according to the nature of the cement; 1) rocks with lavatic cement; 2) rocks with pyroclastic cement; 3) rocks with tuffogenous -sedimentary cement. A short description of these groups together with a table is given.
There is 1 table.

1. Geology--USSR 2. Geology--Study and teaching 3. Rock--Classifi-
cation

Card 2/2

MILLER, Ye.Ye.; ZARAVNIYAYEVA, V.K.; ANTONYUK, R.M.

Volcanic ophiolite formation of the Rphean. Trudy Inst. geol.
nauk AN Kazakh, SSR 13:17-50 '65. (MIRA 19:1)

ZARAVNYAYEVA, V.K.; ZVONTSOV, V.S.

Porphyrite formation of the Upper Cambrian, Tremadoc
(Tortkuduk series). Trudy Inst. geol. nauk AN Kazakh.
SSR 13:76-120 '65. (MIRA 19:1)

ZARAWNYAYEVA, V.K.; ANTONYUK, R.M.; RAKHIMBAYEV, T.

Volcanic (prophyrite) formation of the Ashgill stage of the
Upper Ordovician. Trudy Inst. geol. nauk AN Kazakh. SSR 13:
145-201 1965. (MIRA 19:1)

ZARAVYAYEVA, V.K.; CHETVERIKOVA, N.P.

Paleontological upper Cambrian deposits in the western part of
Central Kazakhstan. Sov. geol. 1 no.2:174-176 '58. (MIRA 11:4)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
(Kazakhstan--Petrology)

ZARAVNYAYEVA, V. K., Cand Geol-Min Sci -- Effusive volcanism
of the Lower Paleozoic Era of the Sarysu-Teniz Water Divide
(Central Kazakhstan). Alma-Ata, 1961. (Min of Higher Ed
USSR. Kazakh Polytech Inst) (KL, 8-61, 233)

ZARAVYAYEVA, V.K.

SOV-5-58-3-10/39

AUTHOR:

None Given

TITLE:

Chronicle. Activities of the Geological Sections of the Moscow Naturalist Society, Petrographical Section (Khronika. O deyatel'nosti geologicheskikh sektsiy Moskovskogo obshchestva ispytateley prirody, Petrograficheskaya sektsiya)

PERIODICAL:

Byulleten' Moskovskogo obshchestva ispytateley prirody, Otdel geologicheskii, 1958, Nr 3, pp 135-137 (USSR)

ABSTRACT:

On 6 February 1958, at a meeting under the chairmanship of Ye.A. Kuznetsov (secretary T.L. Nikol'skaya), Ya.D. Shenkman lectured "Several Paleozoic Intrusions of Eastern Tuva". On February 13, 1958, Ye.A. Kuznetsov gave a review of foreign literature pertaining to petrography. Questions on the submitted themes were asked by: Ya.D. Shenkman, Ye.K. Markhinin, and T.M. Dembo. A.M. Daminova lectured on the importance of the study of field spar in petrographical work. On February 20, a manual by Ye.A. Kuznetsov, entitled "Petrography of Magmatic and Metamorphic Rocks", was discussed by the following geologists: S.D. Chetverikov, V.I. Chernov, T.L. Nikol'skaya, V.S. Koptev-Dvornikov and T.M. Dembo. On February 27 E.I. Tikhomirova, on behalf of collective authors L.I. Blokhina, V.K. Zaravyayeva, I.S. Krasivskaya, M.A. Petrova, E.I. Tikhomirova, and Ye.B. Yakovleva, lectured on

Card 1/3

SOV-5-58-3-10/39

Chronicle. Activities of the Geological Sections of the Moscow Naturalist Society, Petrographical Section

"The problem of Classification of Clastic Volcanogene and Tuffogene-Sedimentary Rocks". Questions pertaining this subject were asked by the following geologists: S.K. Onikiyenko, Ye.K. Markhinin, O.M. Kanfel', A.D. Rakcheyev, T.I. Frolova, A.M. Daminova, T.Ya. Goncharova, M.N. Shcherbakova, Afonin, G.B. Rudnik. On March 6, 1958, Ye.K. Markhinin lectured on "The History of Volcanism on the Kunashir Island", which was discussed by: S.K. Onikiyenko, T.M. Dembo, A.D. Rakcheyev, V.S. Koptev-Dvornikov, V.N. Pavlinov, Ye.A. Kuznetsov. Ye.N. Odintsova, Doktorant of the Institut Biokhimii AN SSSR (Biochemical Institute AS USSR), drew attention to the fact that plants of this region had an extremely high content of sugar. Following the suggestion made by T.M. Dembo to discuss the question of indexes of mountain rocks in geologic mapping at the VSEGEI, it was moved to delegate V.Ye. Gendler to take up this problem with MGRI, MITSMIZ and VAGT. On March 13, 1958, O.S. Polkovoy delivered a lecture on "Petrographic Features of Multi-Colored Devonian Massifs in the Betpak-Dala Desert". The

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SOV-5-58-3-10/39

Chronicle. Activities of the Geological Sections of the Moscow Naturalist Society, Petrographical Section

following geologists participated at the discussion: M.A. Dmitriyev, A.D. Rakcheyev, Ye.K. Markhinin, V.I. Chernov, A.M. Daminova, T.L. Nikol'skaya, V.Ye. Gendler, V.I. Chernov, T.M. Dembo, Ye.A. Kuznetsov and V.S. Koptev-Dvornikov. On March 20, 1958, M.G. Lomize lectured on "New Data on Jurassic Volcanism of the North-Western Caucasus". Questions pertaining to this report were asked by: Ye.B. Yakovleva, Ye.Ye. Milanovskiy, A.D. Rakcheyev, V.S. Koptev-Dvornikov. On March 27, 1958, N.A. Sirin lectured on "Recent Magmatism of the Urals". On the discussion that followed, questions were asked by the following geologists: T.L. Nikol'skaya, A.D. Rakcheyev, V.N. Gavrilova, Ye.K. Markhinin, and Ye.A. Kuznetsov.

1. Geology--USSR 2. Scientific personnel--Performance 3. Scientific reports--USSR

Card 3/3

ZARAVNYAEVA, V. K.

20575 ZARAVNYAEVA, V. K. K petrografii nekotorykh mednykh shlakov kazakhstana. Izvestiya akad. nauk kazakh. SSR. No. 70, seriya geol., vyp.11, 1949, s. 102-07.-Rezyume na kazakh. yaz.-Bibliogr: 5 NAZV.

SO: LETOPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949

ZARAY, E.

Hand compression on cotton carding machines. p. 155.
INDUSTRIA TEXTILA, Bucuresti, Vol. 6, no. 5, May 1955.

SO: Monthly List of East European Accessions, (HEAL), LC, Vol. 4, no. 1, Oct. 1945,
Uncl.

ZARAY, Ervin dr.

A new internal cystomanometer, Fogrov. scale 47 no.5:174-176

May 5th.

(BLADDER

pressure determ., appar.)

ZARAI, Ervin, dr.; KONYA, Karoly, dr.

On the harmful effect of the organic hydroxylacids of the lemon on the dental enamel. Gyermekgyógyászat 14 no.1:4-9 Ja '62.

1. A Budapesti Orvostudományi Egyetem Konzerváló Fogászati Klinikájának és a Fővárosi Peterfy Sándor utcai kórház-rendelő Gyermekosztályának közleménye.

(ASCORBIC ACID) (DENTAL CARIES) (DENTAL ENAMEL)
(CITRUS FRUITS) (ACIDS)

307/19-58-6-554/685

AUTHORS: Burtsev, V.M., Yelyutin, S.P., Zarayev, I.I., Lysenko, N.Ye., Migdal, Ye.Ya., Molchankin, Yu.T., Mysina, A.S., Myagkov, M.A., Pavlov, R.M., and Filippovich, V.N.

TITLE: A Method of Coloring the Ends of Paper Cartridges on Bobbin-Winding Machines (Sposob okraski kontsov bumazhnykh patronov na shpulezavertochnykh mashinakh)

PERIODICAL: Byulleten' izobreteniy, 1958, Nr 6, p 122 (USSR)

ABSTRACT: Class 54c, 4. Nr 113596 (580171 of 11 Oct 57). Submitted to the Committee for Inventions and Discoveries at the Ministers Council of USSR. In order to simultaneously color both ends of the cartridge by one coloring roller, the paint is applied on one side of the paper tape in the form of rectangular sections: the tape is cut down the center of the colored sections and fed to the rotating spindle with the side opposite to the colored sections facing outwards.

Card 1/1

ZARATEV, A.

At the Ufa petroleum refinery named for the 22d Congress of the
CPSU. Neftianik 9 no.9:16-17 S '64 (MIRA 18a2)

15788-65

540(3)/577(m)

5/27/65/010/002/001/009

1965, vol. 3, 1965 31-32

TOPIC TAGS: man, radioactive particle, lung, tissue, irradiation exposure, radiation dosimetry, beta radiation

ABSTRACT: Calculation of local irradiation doses produced by hot particles in lung tissue of humans exposed to radioactive aerosols is presented. For the calculation of dose rate, it was assumed that the total activity of a hot particle is concentrated at its center. Calculation of dose distribution for the medium surrounding the particle is given with maximum energy E_0 and absorption

also shown. At distances of 10 and 50 microns from a hot particle

S. P. O. BOX: 10, 17

YR 002

Card 2/2

L 32808-66 EWT(m)

ACC NR: AP6011837

(A)

SOURCE CODE: UR/0240/65/000/011/0047/0054

AUTHOR: Bykhovskiy, A. V. (Doctor of medical sciences); Zarayev, O. M.

4/2
B

ORG: Branch of Physicochemical Institute im. L. Ya. Karpov (Filial fiziko-khimi-
chiskogo instituta)

TITLE: Observation of hot radioactive particles in the atmosphere in 1962—1964

SOURCE: Gigiyena i sanitariya, no. 11, 1965, 47-54

TOPIC TAGS: radioactive aerosol, atmospheric radioactivity, radioactivity measure-
ment, autoradiography, spectrometry

ABSTRACT: Systematic obseravtions of radioactive aerosols in the atmosphere over
the continent were carried out. Filters, through which 150—200 thousand m³ of the
air were drawn, were assayed by the autoradiographic method. Separate hot particles
were isolated and subjected to γ -spectrometry. For converting the results of auto-
radiographic assay of filters into values expressing the activity of separate aerosol
particles, a nomograph was drawn using a second autoradiograph. The data presented
point to an abrupt fall in the concentration of hot aerosol particles in the atmosphere
during the period from 1963 to 1964 when atmospheric nuclear testing was discontinued.
Orig. art. has: 5 figures and 2 tables. [Based on authors' abstract.] [N.T.]

SUB CODE: 06, 18/ SUBM DATE: 13Aug64/ ORIG REF: 004

Card 1/1 YMS

UDC: 614.73-07

MAKAROVA, G.V. [Makarova, H.V.]; ZARAYSKAYA, K.N. [Zarais'ka, K.N.];
BORISYUK, Yu.G. [Borysiuk, IU.H.]

Studies on the oil of *Salvia sclarea* seeds. Farmatsev. zhur.
18 no.5:16-19 '63. (MIRA 17:8)

1. Khar'kovskiy farmatsevticheskiy institut.

GUBERGRITS, A.Ya., prof., zasl. deyatel' nauki Udmurtskoy Avtonomnoy SSR, otv. red.; VORONCHIKHIN, S.T., zasl. deyatel' nauki Udmurtskoy Avtonomnoy SSR, red.; GAZIZOV, A.M., red.; ZARAYSKAYA, A.A., red.; MAMAYEV, A.N., red.; ORESHKOV, T.K., zasl. vrach Udmurtskoy Avtonomnoy SSR, red.; ODIYANKOV, G.A., red.; RUPASOV, N.F., red.; SEMOVA, V.I., red.; KOREPANOVA, L.V., red.; MASHAGATOV, V.F., kand. med. nauk, red.; VORONTSOVA, Z.Z., tekhn. red.

[Problems in the pathology of the biliary tract; collected scientific works of the First Republic Clinical Hospital] Voprosy patologii zhelchnykh putei; sbornik nauchnykh trudov 1-i Respublikanskoj klinicheskoi bol'nitsy. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1960. 222 p. (MIRA 15:3)

1. Zaveduyushchiy terapevticheskimi klinikami Izhevskogo meditsinskogo instituta (for Gabergrits). 2. Terapevticheskaya klinika Izhevskogo meditsinskogo instituta (for Oreshkov, Mashagatov). 3. Zaveduyushchiy fakul'tetom khirurgicheskoy kliniki Izhevskogo meditsinskogo instituta 1-oy Respublikanskoj klinicheskoy bol'nitsy Ministerstva zdravookhraneniya Udmurtskoy Avtonomnoy SSR (for Voronchikhin). 4. Fakul'tet khirurgicheskoy kliniki Izhevskogo meditsinskogo instituta 1-oy Respublikanskoj klinicheskoy bol'nitsy Ministerstva zdravookhraneniya Udmurtskoy Avtonomnoy SSR (for Odiyankov).

(BILIARY TRACT--DISEASES)

ZARAYSKAYA, A.I., inzh.-ekonomist

We are studying the specific subject of communication economics.
Vest.svizai 20 no.3:15 Mr '60. (MIRA 13:6)

1. Kirovskaya telegrafno-telefonnaya kontora.
(Telegraph) (Telephone)

ZARAYSKAYA, L.P.

136-8-8/21

AUTHORS: Flaksin, I.N., Okolovich, A.M. and Zarayskaya, L.P.

TITLE: Contribution to Methods of Measuring the Specific Surface of Mineral Powders (K metodike izmereniya udel'noy poverkhnosti poroshkov mineralov)

PERIODICAL: Tsvetnye Metally, 1957, Nr 8, pp.37-43 (USSR)

ABSTRACT: After reviewing proposed methods of measuring the specific surface of mineral powders the authors describe their own experiments with a modified form of an apparatus proposed by B.V.Deryagin (Ref.11) based on air pressure-drop measurements. The modifications introduced had the object of creating Knudsen conditions (high vacuum and low air inflow rates) and they are listed and discussed. A selection of mineral (mainly sulphide) powders and sizes were studied and results are tabulated, (Tables 1-5). The relation between specific surface and porosity is shown graphically. Specific surface values for quartz and for galenite found by geometrical calculations from mean particle size and from microscopic determinations of grain sizes and numbers, by

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136-8-8/21

Contribution to Methods of Measuring the Specific Surface of Mineral Powders.

filtration of air at atmospheric pressure and at reduced pressure are compared (Table 6). There are 2 figures, 6 tables and 21 references, all Slavic.

AVAILABLE: Library of Congress.

Card 2/2

ZARAYSKAYA, S.M.

Cortical projection of different sections of the vagus nerves.
Dokl. AN SSSR 157 no. 2:493-496 J1 '64. (MIRA 17:7)

1. Institut fiziologii imeni Pavlova AN SSSR. Predstavleno
akademikom V.N.Chernigovskim.

CHERNIGOVSKIY, V.N., akademik; BURINYAN, R.A.; ~~ZARITSKAYA, S.M.~~

Some data on the analysis of evoked potentials. Dokl. Akad. Nauk SSSR 136 no. 3:749-752 Ja '61. (MEDA 14:2)

1. Institut normal'noy i patologicheskoy fiziologii Akademii meditsinskikh nauk SSSR.

(Electroencephalography)

CHERNIGOVSKIY, V.N., akademik; ZARAYSKAYA, S.M.

Projection of the vagus nerve in the cerebral cortex and the limbic lobe of the brain in cats. Dokl. AN SSSR 147 no. 3:712-744 N '62. (MIRA 15:12)

1. Laboratoriya obshchey fiziologii Instituta fiziologii im. I.P. Pavlova AN SSSR,
(VAGUS NERVE) (ELECTROENCEPHALOGRAPHY)

ZARAYSKAYA, S.M.; MUSYASHCHIKOVA, S.S.; CHERNIGOVSKIY, V.N.

Cortical representation of the afferent systems of the alimentary tract. Zhur. vya. nerv. deiat. 15 no.2:405-413 M-Ap '65.

(MIRA 18:5)

1. Laboratoriya obshchey fiziologii Instituta fiziologii imeni I.P. Pavlova AN SSSR, Leningrad.

ZARAYSKAYA, YE. N.

ZARAYSKAYA, Ye. N. —"Investigation of Essential and Fatty Oils from the Fruits of Garden Fennel and of Essential Oils from the Fruit of Transcaucasian Mountain Parsley of the Umbellate Family." * (Dissertation for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions.) Min of Health Preservation, USSR, Tartuskiy State Univ, Kharkov, 1955

SO: Knizhnaya Letopis', No. 25, 18 Jun 1955

* For Degree of Candidate in Pharmaceutical Sciences

FLOROVSKAYA, V.N.; ZARAYSKIY, G.P.; ZEZIN, R.B.

Kerites and other carbon compounds in the Komsomol'sk sulfide
ore deposit of the Southern Urals. Dokl. AN SSSR 157 no.5:
1131-1134 Ag '64. (MIRA 17:9)

1. Moskovskiy gosudarstvennyy universitet im. Lomonosova.
Predstavleno akademikom V.I. Smirnovym.

YAKOVLEV, G.F.; ZARAYSKIY, G.P.; STAROSTIN, V.I.

Acid subvolcanic bodies and copper pyrite mineralization in
the Blyava region (Southern Urals). Sov. geol. 8 no.4:3-18 Ap
'65. (MIRA 18:7)

1. Moskovskiy gosudarstvennyy universitet.

ZARAYSKIY, Leonid Arsen'evich; KAPLUN, S.M., nauchnyy redaktor; SHAURAK,
Ib.M., redaktor; DVORAKOVSKAYA, A.A., tekhnicheskiiy redaktor;
KAMOLOVA, V.M., tekhnicheskiiy redaktor

[Machining of screw propellers] Mekhanicheskaya obrabotka grebnykh
vintov. Leningrad, Gos.soiuznoe izd-vo sudostroitel. promyshl.,
1957. 167 p. (MIRA 10:9)
(Propellers)

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MEKHANICHESKAYA OBRABOTKA GREBNIYKH
VINTOV (MECHANICAL TREATMENT OF
SCREW PROPELLERS) LENINGRAD, SUD-
PROIZGIZ, 1957.

167 P. ILLUS., DIAGRS., TABLES.
#LITERATURA": P. 152

SOLOV'YEV, G.I.; POROLAVIKAYA, I.N.; KARAYOKIY, M.P.

Earthquake in the western part of Iturup Island on May 7-8, 1962.
Geol. i geofiz. no.7:55-62 '62. (MIRA 18:8)

I. Sakhalinskiy kompleksnyy nauchno-issledovatel'skiy Institut
Sibirskogo otdeleniya AN SSSR, poselok Novo-Aleksandrovsk.

ZARAYSKIY, P.K.

Rutchenkovo By-product Coking Plant in the next seven years. Koks i
khim. no. 7:13-14 '59. (MIRA 12:10)

1. Rutchenkovskiy koksokhimicheskiy zavod.
(Rutchenkovo--Coke industry)

ZARAYSKIY, P.K.; ROTT, M.V.; SENYUTA, V.N.; SHUKH, Ya.I.; MARKOV, A.Ye.;
Prinimala uchastiye SHIPULINA, L.A.

Soda-potash method for hydrogen sulfide removal from coke-oven
gas. Koks i khim. no.4:40-43 '62. (MIRA 16:8)

1. Rutchenkovskiy koksokhimicheskiy zavod.
(Gases--Purification) (Hydrogen sulfide)

STIRSENKO, Ye.Ya.; ZARAYSKIY, P.K.; ROTT, M.V.

Changing the operational system of a sulfate plant in order to produce a higher quality ammonium sulfate . Koks i khim. no.6:36-39 '60. (MIRA 13:7)

1. Giprokoks (for Stetsenko). 2. Rutchenkovskiy koksokhimicheskiy zavod (for Zarayskiy, Rott). (Ammonium sulfate)

SOV/68-59-7-5/33

AUTHOR: Zarayskiy, P.K.

TITLE: Rutchenkovo Coking Works During the Current Seven Years

PERIODICAL: Koks i khimiya, 1959, Nr 7, pp 13 - 14 (USSR)

ABSTRACT: A brief historical review of the Works' development is given. The Works started operating with the bee-hive coke ovens in 1890. It was destroyed during the last war and re-built in 1944. During the current seven years plan the main direction of development of the works will be in the field of production of chemical products such as chemically pure benzole, metha, para- and ortho-xyloles, mesitylene and pseudocumene.

ASSOCIATION: Rutchenkovskiy koksokhimicheskiy zavod (Rutchenkovo Coking Works)

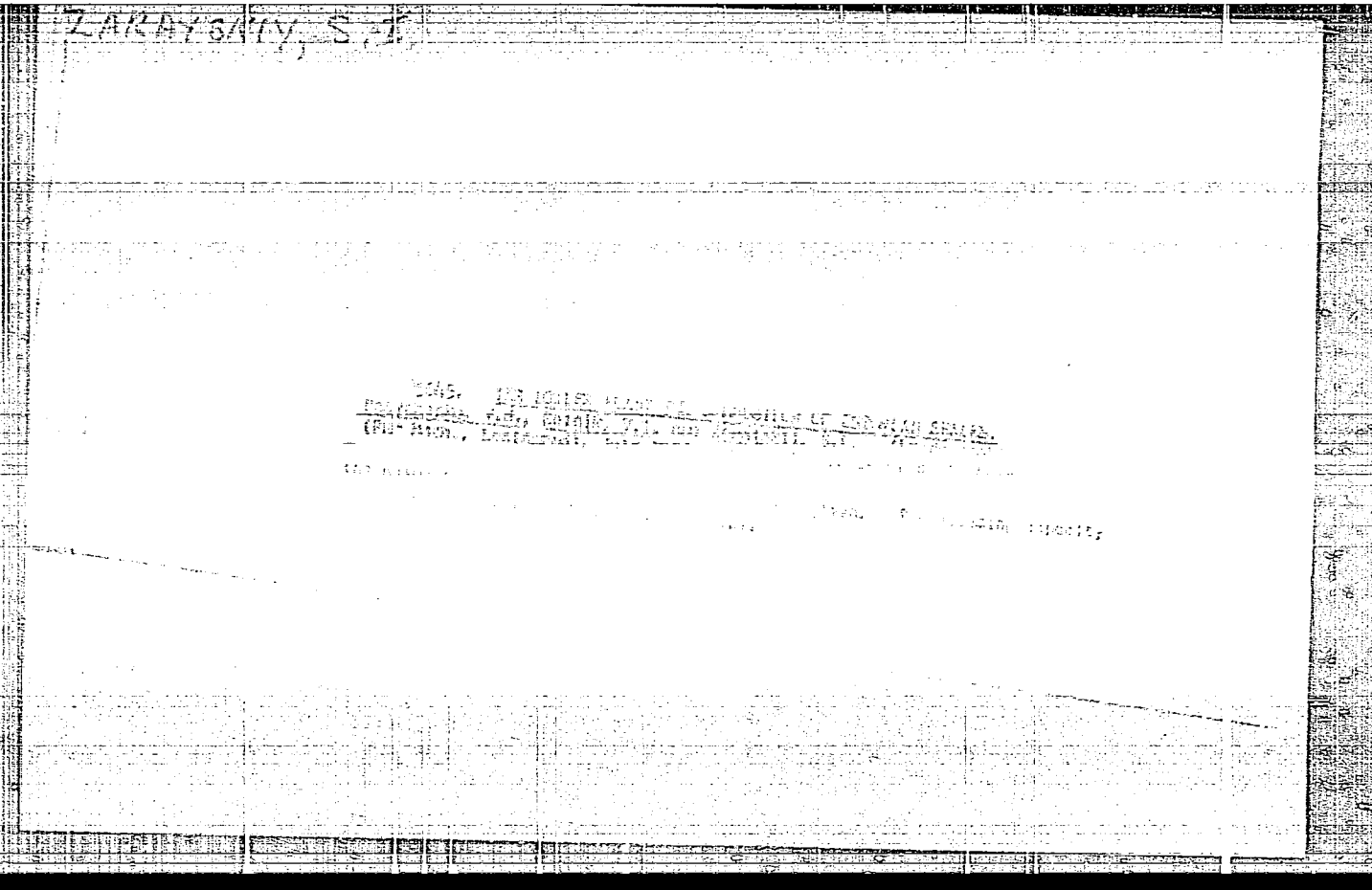
Card 1./1

ZARAYSKIY, S.I.

PATYCHENKO, V.S., inzhener; REZNIK, V.I., inzhener; ZARAYSKIY, S.I., inzhener.

A TEZ boiler unit for burning Estonian shale. Energomashinostroenie
3 no.7:1-6 J1 '57. (MIHA 10:10)

(Boilers)



ZARAYSKIY, V.N.; KUZ'MIN, V.I.

Determination of the variability of deposit indices with the aid
of secondary differences. Izv.vys.ucheb.zav.; geol. i razv. 8
no.1:94-96 Ja '65. (MIRA 18:3)

1. Khar'kovskiy institut gornogo mashinostroyeniya avtomatiki i
vychislitel'noy tekhniki.

114-7-1/14
AUTHORS: Patychenko, V.S., Reznik, V.I., and Zarayskiy, S.I. (Engineers).

TITLE : A boiler set of the Taganrog Boiler Works for the Combustion of Estonian shales. (Kotel'nyy agregat TKZ dlya szhiganiya Estonskikh slantsev.)

PERIODICAL: "Energomashinostroyeniye". (Power Machinery Construction.) 114-7-1/14
1957, No.7, Vol.3, pp.1-6. (U.S.S.R.)

ABSTRACT: There is at present no operating data on the combustion of pulverised Estonian shale in high pressure boilers. The shales are only used in small boilers. In the existing boilers the ash forms clinkers on the superheater tubes even with medium steam conditions. There is also heavy wear of the water economiser. A special approach was therefore required to the problems of boiler design for high pressure sets burning Estonian shales. The properties of Estonian shales are then described in detail. They are low grade, highly reactive power fuels with a calorific value of 2,100 to 2,700 kcal/kg and an ash content of 14-22% weight. Some of the ash melts at a very low temperature. The shales contain free calcium carbonate so that the fly ash contains free lime which reacts with the sulphurous gases to form deposits of $CaSO_4$. The ash characteristics govern the temperature ranges of the boiler processes. In designing a boiler for an output of 220 tons/hour at a steam pressure of 100 atms and a superheat temperature of 540 C, burning Estonian shales, the following main

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A boiler set of the Taganrog Boiler Works for the Combustion of Estonian shales. (Cont.)

114-7-1/14

conditions were accepted. In view of the lack of experience in burning Estonian shales in high pressure boilers only well tried components and operating conditions would be used. In order to reduce clinkering of fly ash on the heating surfaces the superheater was made of separate screens. Available data shows that in the gas temperature range of 600 to 650 C built-in ash arresters do not work reliably and, therefore, the boiler was designed without one. However, in order to remove some of the coarser ash before the water economiser a special chamber was designed. The boiler set is then described in detail under the following headings: the furnace chamber, (of the usual prismatic shape with section 7100 x 9852 mm); the superheater of the radiation-convective type (illustrated in Fig.2); the water economiser, which uses a step-wise motion of the water (Fig.3) so that the boiling part of the economiser can be in the higher temperature range, thus considerably reducing the size of the steam volume. Figs. 4 and 5 give data on calculations of the dynamic characteristics of the boiler with the boiling economiser as an object of the control of water level in the drum by the procedure proposed by Cand.Tech.Sci. Z.Ya. Beyrakh. In addition to the dynamic calculations a static calculation was made of the change of level on instantaneous

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A boiler set of the Taganrog Boiler Works for the Combustion of
Estonian shales. (Cont.)

114-7-1/14

removal of 75% of the load. This calculation was based on a modification of the procedure proposed by Cand. Tech. Sci. L.S. Shumskii. The main data of the calculation are given in Table 1. Further description of the boiler equipment continues under the following headings: air heater; drum, separation device and stepwise evaporation, soot blowing, lining and installation for mechanised continuous slag removal. The main design data of the boiler are given in Table 2. The arrangement of the boiler set in the building is considered briefly.

3/3 There are five figures, two tables.

AVAILABLE :

ZARAYSKIY, S.K., inzh.

Nomogram for calculations in the hard facing of cylindrical parts. Svar. proizv. no.1:33-34 Ja '64. (MIRA 17:1)

~~ZARAYSKIY, S.K.~~ [Zarais'kyi, S.K.], inzh.; KREMINSKIY, D.G. [Kremins'kyi, D.H.], inzh.

Ustraightening grinding wheels. Mekh. sil', hosp, 12 no. 1:25
Ja '61. (MIRA 14:1)

(Grinding wheels)

ZARAYSKIY, V.

Electric picker stick for cattle. *Mes.ind.SSSR* 35 no.1144
'64. (MIRA 17:4)

1. Volgogradskiy myasokombinat.

ZARAYSKIY, V., insh. (Stalingrad)

Automatic foam generating equipment at an oil tank base. Pozh.
delo 5 no. 7:24 Jy '59. (MIRA 12:9)
(Stalingrad--Fire extinction--Chemical systems)
(Stalingrad--Petroleum--Storage)

KUZ'MIN, V.I., dotsent; ZARAYSKIY, V.N., inzh.

Extent of errors in the analogy of the reserves of mineral deposits.
Izv. vys. ucheb. zab; gor.zhur, no.2:41-50 '61. (MIRA 14:3)

1. Khar'kovskiy gornyy institut. Rekomendovana kafedroy
marksheyderskogo dela Khar'kovskogo gornogo instituta.
(Assaying)

ZANBAYLOV, A., *land. geograficheskikh nauk*

Characteristics of wind and wave conditions in the Kuybyshev
Reservoir. *Rech. transp.* 21 no.10:45 0 '62. (MIRA 15:10)

(Kuybyshev Reservoir)

ZARBAILOV, A. Yu.: Master Geogr Sci (diss) -- "Physicogeographical factors
determining the shipping conditions on large reservoirs". Moscow, 1959. 16 pp
(Inst of Geogr of the Acad Sci USSR), 110 copies (KL, No 9, 1959, 113)

ZARBAILOV, A. Yu.

Zartailov, A. Yu., Certain relations of wave sizes to wind force in navigation courses of large reservoirs, Tr. Tsentr. n.-i. in-ta ekon. i ekspluat. vodn. transp. (Works of the Central Scientific Research Institute of Management and Operation of Water Transport), No 12, 1957, p 147-158; (RZh/Mekh 2/59-1436)

ACC NR: AR6028505

(N)

SOURCE CODE: UR/0398/66/000/005/B003/H003

AUTHOR: Zarbailov, A. Yu.

TITLE: The wind and wave regime on Lake Onega

SOURCE: Ref. zh. Vodnyy transport, Abs. 5B18

REF SOURCE: Proizv.-tekhn. sb. Tekhn. upr. M-va rechn. flota RSFSR, no. 4 (48), 1965, 65-67

TOPIC TAGS: oceanography, wind direction, wind measurement, atmospheric movement, data recording, data analysis

ABSTRACT: The wind regime over various sections of Lake Onega is given. Data on the average, long-term certainty of stormwinds in percentage of navigation time are cited. Data on the repetitiveness of prevailing wave movements during the navigation season are cited. Tables containing the relationships between wave heights and wind velocities, and between height and length of waves, are included. Data on the periods of waves generated by the wind, as well as on wave steepness, are cited. A table showing the relationship between the length and steepness of waves is included. 1 figure, 1 table. [Translation of abstract]

SUB CODE: 08,04

Card 1/1

UDC: 656.052.55

ZARBEYEVA, M. S.: Master Med Sci (diss) -- "The effect of applications of omentum to corneal ulcers in trachoma and under experimental conditions (Clinical-experimental investigation)". Kazan', 1959. 14 pp (Kazan' State Med Inst), 200 copies (KL, No 16, 1959, 110)

KRUGLOV, A.N., prof.; ZARBEYEVA, M.S., kand.med.nauk

Tissue therapy in severe forms of trachoma. Kaz. med. zhur.
no.1:47-48 Ja-F '62. (MIRA 15:3)

1. Kafedra glavnykh bolezney (zav. - prof. A.N. Kruglov)
Kazanskogo gosudarstvennogo instituta dlya usovershenstvovaniya
vrachey imeni Lenina.

(CONJUNCTIVITIS, GRANULAR)
(TISSUES--TRANSPLANTATION)

ZARCHIJ, S.

Harder than steel. Tr. from the Russian. p. 181.
ZELEZNICE, Prague, Vol. 4, no. 7, July 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,
June 1956, Uncl.

POTOP, P.; BADESCU, V., chim.; ZARCUZON, A.; LEONTE, E.

Obtaining potassium salts from soluble salt deposits. Pt.2.
Rev chimie Min petr LA no.10:565-573 0'63.

1. Lucrarile au fost executate in laboratorul de tehnologie anorganica din Institutul de Cercetari Chimice al Ministerului Industriei Petrolului si Chimiei.

RUMANIA

MIHAESCU, Dr. O., Sanitation Veterinary Directorate at the C.S.A. (directia sanitar-veterinara din C.S.A.) [Acronym not explained]; and ZARCUZON, N., Veterinary Physician, Veterinary Station (Circ. veterinara) Cocloc, region of Bucharest.

"Epizootic Aspects of Transmissible Infectious Gastroenteritis in Pigs"

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 16, No. 6, June 1966; pp 61-64

Abstract: Review of what is known on the virus of transmissible gastroenteritis in pigs as illustrated by several small epizootic outbreaks seen in the fall of 1965 in various cooperative farms in the Bucharest region; diagnostic, preventive and therapeutic problems and suggested remedies are reviewed and discussed.

1/1

ZARCZYNSKI, Antoni; PARASIEWICZ, Wanda.

New butadiene rubber, properties and methods of processing.
Polimery tworzą wielk 8 no. 7/8:267-272 JI-Ag'63.

1. Instytut Przemysłu Gumowego, Łódź.

ZARCZYNSKI, J.

Three flying skills in one year. p. 14. (SKRZYDLATA POLSKA, Warszawa, Vol. 11, No. 6, Feb. 1955)

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

ZARJAI, Fabian (Filisszontivan); DEMAK, Ferenc (Oronhaza)

Forum of innovators. Ujit lap 12 no.21:31 10 H '60.

1. Fointezo (for Demak).

ZARDALISHVILI, G.I.

Principles of economic zoning. Trudy Geog. ob-va Gruz. SSR 7:
181-192 '63. (MIRA 18:5)

ZARDALISHVILI, G.I.

Economic regionalization of the Georgian S.S.R. Vest. Mosk.
un. Ser. 5: Geog. 20 no.1:7-11 Ja-F '65. (MIRA 18:3)

1. Tbilisskiy gosudarstvennyy pedagogicheskiy institut imeni
A.S. Pushkina.

ZARDAY, Imre, dr.

Correct interpretation in ECG diagnosis in practice. Orv. hetil.
96 no.23:623-628 5 June 55.

1. A Budapesti Fovarosi Bajesy Zsilinsky horhaz (igazgato: Andies
Gabriella dr.) Szivbetegosztalyanak (foorvos: Zarday Imre dr.)
kozlemenye.

(ELECTROCARDIOGRAPHY,
interpretation)

ZARDA, Vladimir

OPPL, Ladislav, Ing. Dr.; MAURER, Karel, Ing.; ZARDA, Vladimir

Characteristics of air current in exhaust hoods. Pracovni lek.
6 no.5:282-287 15 Oct 54.

1. Z ustavu pro higienu prace a chorob z povolani, red. prof.
Dr. J. Teisiger

(INDUSTRIAL HYGIENE
exhaust of polluted air)
(VENTILATION
exhaust hood current)

IZSO, Z.; ZARDAY, I.

The effect of caffeine on blood pressure of persons without from
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(CML 23:3)

1. Third Internal Department (Head Physician -- Prof. Dr. Imre Zarday),
Bajosy Zsilinsky Metropolitan Hospital (Director -- Dr. Gabriella
Andics), Budapest.

ZARDALISHVILI

USSR / Cultivated Plants. Plants for Technical Use. Oil Plants. II
Sugar Plants.

Abs Jour : Ref Zhur - Biol., No 3, 1953, No 34770

Author : Zardalishvili.

Inst : Institute for Soil Science AS GruzSSR

Title : Effects of Seed Maceration in Solutions of Boron
and Manganese on the Growth and Development of
Sugar Beets.

Orig Pub : Soobshch. AN GruzSSR, 1957, 13, #5, 307-310

Abstract : Vegetation experiments conducted during 1954/5
by the Experimental Station of the Institute for
Soil Science, Agrochemistry and Soil Improvement
of the Academy of Sciences of the Georgian SSR,
have shown that seed maceration in solutions of
micronutrients is more effective and economical
than their use as fertilizers in the soil. The

Card 1/2

Z. ARDALISHVILI

USSR / Cultivated Plants, Plants for Technical Use. Oil Plants. M
Sugar Plants.

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 34769

Author : Zardalishvili

Inst : Institute for Soil Science AS GruzSSR

Title : Side-Dressing Sugar Beets with Boron

Orig Pub : Tr. In-ta pochvoved. AN GruzSSR, 1957, 8,
171-178

Abstract : Action of boracic fertilizers on the crop of sugar beets and on their sugar content was studied. Experiments were conducted by the Institute for Soil Science, Soil Improvement and Agronomy of the Academy of Sciences of the Georgian SSR in alluvial-meadow carbonaceous soil under conditions of irrigation. Boron in form of boric acid (dosage: 2 kg per ha.) was spread on a background of NPK and NPK + manure during

Card 1/2

ZARDALISHVILI, G.

"Vakhushti as a Geographer," Iz. v-s. Geograf. Obshch., 80, No. 4, 1948.

ZARDALISHVILI, G.

Names, Geographical - Klukhori District

Ascertaining some geographical names in the Klukhori District, *Izv. Vses. geog. obshch.*, 84, No. 3, 1952.

Monthly List of Russian Accessions, Library of Congress October 1952 Unclassified

ZARDALISHVILI, G.

Klukhori District - Names, Geographical

Ascertaining some geographical names in the Klukhori District. Izv. Vses. Geog. obshch. 84, no. 3, 1952.

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

ZARDALISHVILI, G. I.

Hydroelectric Power - Yori River

Big river. Geog. v shkole, No. 2, 1952

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

ZARDALICHVILI, G. I.

Hydroelectric Power - Kura River

Big river. Geog. v shkole, No. 2, 1952.

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

ZARDALISHVILI, G. I.

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Big river. Geog. v shkole, No. 2, 1952.

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

ZARDALISHVILI, G.I.

Zardalishvili, G.I. "Rail transport of the Georgian SSR," Trudy
Goegr. o-va Cruz. SSR, Vol. I-II, 1949, p. 167-76, (In Georgian
resume in Russian)

SO: U-5241, 17 December 1953 (Letopis 'zhurnal 'nykh Statoy No. 26, 1949).

GEKHTMAN, G.N., prof.[deceased]; DZHAVAKHISHVILI, A.N., prof.,
zasl. deyatel' nauki, akademik; ATABEGOV, T.N., prof.,
red.[deceased]; ZARDALISHVILI, G.I., dots., red.; KIFIANI,
Sh.Ya., dots., red.; KONDRATENKO, N.V., red. izd-va;
DZHAPARIDZE, N.A., tekhn. red.

[Prominent geographers and explorers]Vydaishchiesia geo-
grafy i puteshostvenniki. Tbilisi, Izd-vo Akad. nauk Gru-
zinskoi SSR, 1962. 306 p. (MIRA 15:11)

1. Akademiya nauk Gruzinskoy SSR(for Dzhavakhishvili).
(Geographers) (Explorers)