

L 22187-67

ACCESSION NR: AR4049261

0.75-0.80). The gas is substantially lighter than reserves from the outer zone and contains peak amounts of light hydrocarbons. The difference in composition of natural gas from the Dolina and Bitkovskaya deposits is that the former contains lighter paraffin-naphthene hydrocarbons, while the latter contains more high molecular aromatic hydrocarbons. On the whole, crudes from the new deposits are basically low-sulfur, paraffinic and tarry, with a significant content of light fractions. V. Kotseruba

SUB CODE: FP

ENCL: 00

Card 3/3

YATSENKO, Ye.F.; DONTSOVA, G.M.

Determining the chemical composition of petroleum paraffin and
ozocerite. Trudy UkrNIIGRI no.5:371-377 '63.

(MIRA 18:3)

YATSENG, Y.F.; BOITEVA, G.M.

Physicochemical properties of petrolums in the water-oil
contact. Trudy UkrNIIOI no.7:250-256 '63.

(MIRA 1961)

YATSENKO, Ye.F.; DONTSOVA, O.M.; GORBUNOVA, I.Ye.

Physicochemical properties of petroleum in the new
Carpathian fields. Trudy UkrNIGRI no.7,233-241 '63.
(MIRA 19:1)

KONENKOVA, G.V.; NEVFAKH, A.A.

Increase in cytochrome oxidase activity in homogenates and
isolated mitochondria of loach embryos. Biokhimiia 29 no.4:
636-642 J1-Ag '64. (MIRA 18:6)

1. Institut morfologii zhivotnykh imeni Severtsova AN SSSR, Moskva.

NEYTAKH, A.A.; DORTSOVA, G.V.

Extremely fast stimulation of the increase in enzymatic activity
in the fertilization process. Dokl. AN SSSR 162 no.3:698-701 My
'65. (MIRA 18:5)

1. Institut morfologii zhivotnykh im. A.N.Severtsova AN SSSR.
Submitted August 1, 1964.

DONTSOVA, N. D.

DONTSOVA, N. D.--"Certain Changes Occuring in the Cardiovascular System during Opistorchosis."*(Dissertation for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions.) Omsk State Medical Institute imeni V. I. Kalinin, Chair of Institutional Therapy, Omsk, 1955

SO: Knizhnaya Letopis', No. 25, 18 Ju n 55

* For Degree of Doctor of Medical Sciences

DOMTSOVA, N. F.

"Cultivation Problems of the Broadleaf Water Parsnip (*Sium Latifolium*)."
Cand Agr Sci, Voronezh Agricultural Inst, Voronezh, 1954. (RZhBiol, No 7, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR
Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

SAFONOV, S.; BIROVA, O.; DONTSOVA, M.

Modernizing the technology of salting hides. *Mash.ind.SSSR* 31
no.3:24 '60. (MIRA 13:9)

1. Leningradskiy myasokombinat.
(Skins and hides)

DONTSOVA, R.G.

USSR / Plant Diseases. Diseases of Cultivated Plants

N-3

Abs Jour : Ref Zhur - Biol., No 6, March 1957, No 22984

Author : Dontsova, R.G.

Title : Dry Sclerosis of Sugar Beets as Observed on the Ramon Experimental-Selection Station

Orig Pub : V sb.: Vopr. agrotekhniki i selektsii sakharnoy svekly, M., Sel'khozgiz, 1955, 160-161

Abstract : It is established that roots affected by dry sclerosis (*Sclerotium bataticola*) are more poorly preserved in "kagatov" than the healthy ones. About 50% of diseased roots do not form any developed sprouts after storage, and rot with a "kagatov" rot during the storage period. The yield of seeds in plants diseased by dry sclerosis is diminished by 23-35%; crop losses from such seeds are increased as the disease stage of such roots is further aggravated by the disease. It is recommended that at the time of harvest, a thorough rejection of roots affected by dry sclerosis be practiced.

Card . 1/1

ZDOROV, V.M.; PAVLOVSKIY, L.G.; TARASOV, L.Ya., otv. red.; ~~DONTSOVA,~~
~~S.A.,~~ red.; POLYAKOV, M.G., tekhn. red.

[Electric cap and fuse blasting] Elektroognevoi sposob vzryva-
niia. Moskva, Otdel tekhn.informatsii, 1959. 60 p.

(MIRA 15:7)

(Blasting)

KHAZANOV, Ye.I.; KUZ'MINA, G.V.; DONTSOVA, S.G.

Changes in the phase composition of an alumina-kaolin charge mixture
in the process of charge-resistance melting of fused silicon and
aluminum. Trudy Vost.-Sib. fil. AN SSSR no.43:77-81 '62. (MIRA 16:3)
(Aluminum—Electrometallurgy) (Slag) (Phase rule and equilibrium)

ACC NR: AP6033649

SOURCE CODE: UR/0145/66/000/008/0090/0095

AUTHOR: Sidorin, I. I. (Doctor of technical sciences; Professor); Dontsova, S. G. (Aspirant)

ORG: MVTU im. N. E. Bauman

TITLE: Phase transformation and dimensional stability of ($\alpha + \beta$) titanium alloys

SOURCE: IVUZ. Mashinos::royeniye, no. 8, 1966, 90-95

TOPIC TAGS: ^{METAL AGING, PHASE TRANSITION,} titanium alloy, alloy structure stability, ~~alloy dimensional stability,~~ alloy stabilization treatment/OT4 alloy, VT8 alloy, VT3 1 alloy

ABSTRACT: To determine the optimum conditions for structure stabilizing heat treatment of $\alpha + \beta$ titanium alloys, phase transformations occurring with volume changes induced by prolonged aging have been investigated in OT4[U.S. RS110B], VT8[US. C135AMo] and VT3-1[U.S. T115A] titanium alloys. Hot-rolled alloys in the as-rolled condition or after a standard strengthening heat treatment were aged for up to 2000 hr at temperatures ranging from -70 to 180C. All dimension changes in test specimens were analogous in all the investigated alloys, and all were found to be associated with the cumulative additions of specific volumes resulting from transformations of the metastable β -phase and hydride transformation of the excess hydrogen liberated from the α -phase. OT4 alloy with a structure stable in the 20-100C range can be obtained by refrigeration at -70C for 1 hr following annealing at 900C. The stabilization

Card 1/2

UDC: 669.2.01

ACC NR: AP6033649

treatment for heat-treated VT8 alloy consists of aging at 100C for 4—5 hr followed by refrigeration at -70 for 1 hr. The VT3-1 alloy structure requires the most complex stabilization treatment. It includes aging at 50C for 10 hr, refrigeration at -70C for 1 hr followed by aging at 180C for 3 hr and a second refrigeration at -70C for 1 hr. Of all the investigated alloys, the VT8 alloy had the best dimensional stability.

SUB CODE: 11/ SUBM DATE: 11Apr66/ ORIG REF: 003/ OTH REF: 001

Card 2/2

DONTSOVA, V A

USSR/Chemistry - Gas purification; Hydrogen sulfide

FD-2527

Card 1/1 Pub. 50 - 6/14

Authors : Ivanovskiy, F. P., Dontsova, V. A., Semenova, T. A.

Title : Utilization of a by-product of the aluminum industry, red sludge, in the purification of gases from hydrogen sulfide

Periodical : Khim. prom. No 4, 218-222, Jun 1955

Abstract : Investigated red sludge (mainly ferric oxide) from the Ural'sk Aluminum Plant as an agent for the purification of industrial gases from hydrogen sulfide and found that it is effective. Determined the conditions under which purification with red sludge should be carried out. Eight references; 3 USSR, 2 since 1940. One figure, one graph, 7 tables.

L 34009-65 EFF(c)/EWP(c)/EWA(c)/ZWI(m)/T Pe-l/Pr-li RM
ACCESSION NR: AP5007672 (deceased); 9/0032/65/031/003/0296/0296
AUTHORS: Ivanovskiy, F. P.; Dontsova, V. A.; Barabarschikova, N. F.; Kaplan,
L. K.

TITLE: Chromatographic analysis of the products of cyclooctatetraene synthesis

SOURCE: Zavodskaya laboratoriya, v. 31, no. 3, 1965, 296

TOPIC TAGS: cyclic compound, chromatography/ Khrom I chromatograph

ABSTRACT: The synthesis of cyclooctatetraene by cyclization of acetylene under pressure takes place in the liquid phase. The reaction products are benzene, cyclooctatetraene, resin, and indeterminate impurities. The chromatographic method was used for partition of the indicated mixture, using a Khrom I chromatograph under the following conditions: 0.00147 ml of proportioning liquid, zeolite A carrier, granulation of 60 mesh, length of carrier layer 2.45 m, 30% solution of silicone A as fixed phase, partitioning temperature of 130C, and the velocity relations of nitrogen and hydrogen equal to 15 and 30 ml/min respectively. Figure 1 on the Enclosure shows chromatograms of partitioning of the reaction products. It is seen that the partitioning is good. Under the conditions of the experiment no linear dependence was observed in determining concentration of the

Card 1/3

L 34009-65

ACCESSION NR: AP5007672

components, and only approximate contents of the substances were thus obtained. For precise contents, calibration by some standard method is necessary. The conversion factor for benzene is 0.32, for cyclooctatetraene 0.676, dioxane 1.12, and acetone 1.5. Orig. art. has: 1 figure.

ASSOCIATION: Gosudarstvenny nauchno-issledovatel'skiy i proyektnyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza (State Scientific Research and Planning Institute of the Nitrogen Industry and the Products of Organic Synthesis)

SUBMITTED: 00

ENCL: 01

SUB CODE: OC,GC

NO REF SOV: 000

OTHER: 000

Card 2/3

L 34009-65
ACCESSION NR: AP5007672

ENCLOSURE: 01

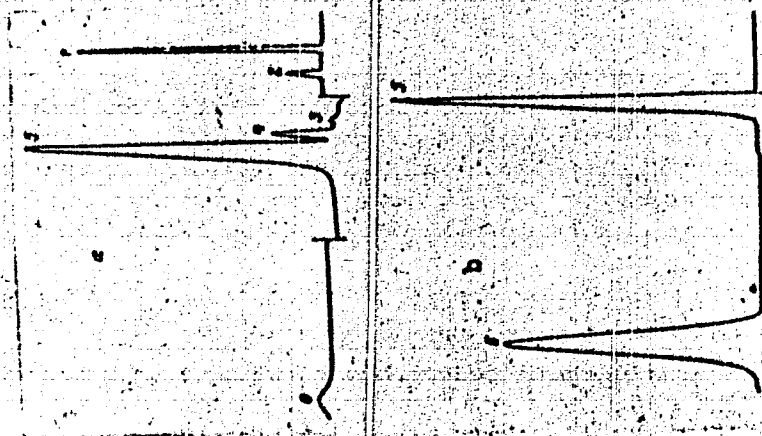


Fig. 1. Partitioning chromatogram for products of cyclooctatetraene synthesis:
a,b- beginning and end of run;
1- acetone; 2- acetone;
3- tetrahydrofuran; 4- benzene;
5- dioxane; 6- cyclooctatetraene

Card 3/3

IVANOVSKIY, F.P. [deceased]; DONTSOVA, V.A.; BARABANSHCHIKOVA, N.F.;
KAPLAN, L.K.

Chromatographic analysis of the products of the synthesis of
cyclo-octatetriene. Zav.lab. 31 no.3:296 '65.

(MIRA 18:12)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy
institut azotnoy promyshlennosti i produktov organicheskogo
sinteza.

SAPEZHINSKIY, I.I.; SILAYEV, Yu.V.; DONTSOVA, Ye.O.

Mechanism of the prolonged afterluminescence of serum albumin solutions, irradiated with ultraviolet rays. Biofizika 10 no.3:429-432. '65. (MIRA 18:11)

1. Institut khimicheskoy fiziki AN SSSR, Moskva. Submitted May 5, 1964.

DOTSOVA, E. I.

USSR/Geochemistry

1 May 1947

Minerals - Chemical Properties

"Isotopic Composition of Oxygen in Certain Minerals," A. P. Binogradov,
E. I. Dontsova, 2 pp

"Dok Akad Nauk USSR Nov Ser" Vol LVI, No 4

Minerals investigated are cuprite, magnetite, and chromite.

PA 1T93

DONTSOVA. YE. I.

USSR/Chemistry - Aluminosilicates
Chemistry - Oxygen

Oct 1947

"Isotope Composition of Oxygen of Aluminosilicate of Rock," A. P. Vinogradov, Ye. I. Dontsova, Inst Geochem and Analytical Chem imeni V. I. Vernadskiy, Acad Sci USSR, 2 pp

"Dok Akad Nauk S.S.R." Vol LVIII, No 1

Concludes on the basis of experiments conducted: 1) in formation of hard silicate covering of the Earth and water (or steam, if from the point of view of molten differentiation of the covering of the Earth), there is no division of isotopes of oxygen (between aluminosilicate and water); 2) the few observed changes in the isotope composition of oxygen of aluminosilicates and water (for CO₂, carbonates, some minerals, oxygen of the air) are apparently only characteristic for the processes, going into the upper covering of the Earth--the biosphere.

PA 52T10

DONTSOVA, Ye. I.

"Isotope Composition of the Oxygen in Some Rocks and Minerals,"
Dokl. Ak. Nauk SSSR, 61, No. 2, 1948

Inst. Geochem. and Anal. Chem. in Vernadskiy, Acad. Sci. USSR

3

V. DONTSOVA, Ye. I.

958. A study of the process of oxidation (rusting) of iron with the aid of oxygen isotopes. *E. I. Dontsova. Doklady Akad. Nauk. S.S.S.R. 63 305-6(1948) Nov. 21 (in Russian).*

No 3

In the course of geochemical studies on the isotope content of oxygen in minerals, as a method for determining the genesis of rocks and minerals, the author made several experiments on the oxidation of iron in river water. The rusting took place in the presence of air containing various quantities of the isotope O^{18} . As a result it was found that water, not air, is the main source of oxygen in rust, and that the part played by the air oxygen in the process of rusting is that of a depolariser.

*Inst. Geochem. + Anal. Chem im V.I Vernadskiy,
Acad. Sci. USSR*

ASB-55A METALLURGICAL LITERATURE CLASSIFICATION

FROM SOURCE

CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

117 AND 118 SERIALS		119 AND 120 SERIALS		121 AND 122 SERIALS		123 AND 124 SERIALS	
MATERIALS				METALLURGY			
PROCESSES AND PROPERTIES INDEX							
4285	DONTSOVA, (e.l.)			5			
<p>Investigation of Formation Conditions of Certain Minerals with the Aid of the Isotopic Method. E. I. Dontsova, <i>Doklady Akad. Nauk S.S.S.R.</i> 71, 905-6 (1960) (in Russian).</p> <p>Oxygen in air and in carbonate rocks of sedimentary origin has a O^{18} content that is about 7 y higher than that in oxygen of river water. This observation can be used for the determination of the geochemical conditions of formation of certain minerals of the oxide class. Various hydrated iron oxides (limonites and hydrogoethites) and magnetites were used to test the method. The first named are known to be deposited under water or within loose formations in ground-water some; the magnetites examined were formed within limestones by contact-metamorphic agents. The analysis of the first group (after elimination of water of crystallization) showed that the O^{18} content of their oxygen approached that of O in water, while a similar investigation of magnetites revealed a 8 y excess. This latter result points to the CO_2 of the limestone as the probable source, (under definite conditions of pressure), of the mineral's oxygen. The method used involved determinations of specific gravities of synthetic water; its accuracy was 10.4 y.</p>							
ASB. 2.6 A METALLURGICAL LITERATURE CLASSIFICATION							
10000 #		10000 #		10000 #		10000 #	
10	11	12	13	14	15	16	17

USSR/Chemistry - Corrosion, Isotopes 1 Jul 52

"Investigation of the Process of Oxidation (Rusting) of Iron With the Aid of the Isotope Method," Ye. I. Dontsova, Inst of Geochem and Analyt Chem imeni V. I. Vernadskiy, Acad Sci USSR

"Dok Ak Nauk SSSR" Vol LXXXV, No 1, pp 165-167

Established by using O^{18} that the oxygen of the final product of Fe oxidation in the presence of an excess of water is derived essentially from water (cf. "Dok Ak Nauk SSSR" Vol LXXIII, 305, 1948). Found in the oxidation of Fe with a definite quantity of H_2O and oxygen gas contg O^{18} that O^{18} is distributed evenly

224724

between products of oxidation (hydroxides) and water. This indicates exchange between products of oxidation (hydroxides) and water. Presented by Acad A. N. Frumkin 7 May 52.

224724

DONTSOVA, YE. I

DONTSOVA, Ye. I.

"Isotope Composition of the oxygen of skarn-origin minerals," A. P. Vinogradov
and E. I. Dontsova, Dokl. Ak. Nauk SSSR 1952, vol. 85, No. 6, Aug 21

DONTSOVA, E. I.

USSR/Physical - Chemistry

Card 1/1

Author : Dontsova, E. I.

Title : Exchange of oxygen isotopes between natural SiO_2 and carbon dioxide.

Periodical : Dokl. AN SSSR 95, 6, 1223 - 1226, 21 Apr 1954

Abstract : The article describes experimental determination, by the method of isotopic exchange, the mobility of oxygen in silicates (SiO_2). As an exchanging agent carbon dioxide was taken (CO_2). Diagrams.

Institution : V. I. Vernadskiy's Institute of Geo-Chemistry of the Acad. of Scs. of the USSR.

Submitted : 3 Mar 1954

DONTSOVA, B. I.

3

CH
D
NU

Investigation of the mobility of oxygen in silicates and aluminosilicates by the isotope tracer method. B. I. DONTSOVA. Doklady Akad. Nauk S.S.S.R. 103, 1000-7 (1967).

The present investigations concern sphene, albite, and phlogopite powders of ϕ grain size of 12 μ and 4 μ . The experimentally observed exchange of O^{18} with O^{16} in the temp. interval 800 to 1100° during 20 min. to 6 hrs. is based on the use of CO_2 with an O^{18} content of 1.4%. The results are plotted in isotherms and temp. vs. exchange curves from which the kinetics are calculated by the function $a = \rho \log(r + a/\rho)$ in which a is the percentage exchange, r the time; ρ and a are consts. of the material and app. The av. depth of the exchange is a specific property of the mineral structure. At 1100° (3 hrs.), the exchange is 89% in corundum, 82.5% in mica, 71% in sphene, 48.5% in albite, 40% in quartz. It is increased with increased anion charges, and is decreased with increasing 3-dimensional framework formation. O anions which are not bound to $[SiO_4]$ tetrahedra are highly activated for the exchange, e.g. in sphene and mica. Linear functional relations under the conditions of const. exchange (isothermic curves for a 10% exchange) are given in a graph of $\log r$ vs. $1/T \cdot 10^3$. These can be extrapolated to low temps. The $O^{18} \rightleftharpoons O^{16}$ exchange reactions under geol. conditions are best illustrated for albite, with an exchange of 10% in a time period of 10^{10} years, for sphene with 10^8 years, for mica with 10^4 years. W. Fittel

PM

Dontsova, E. I.

Exchange of oxide-mineral oxygen with carbon dioxide.
 E. I. Dontsova. Doklady Akad. Nauk S.S.S.R. 109, 306-8
 1967. The O exchange in MnO, Fe₂O, and Al₂O₃ against
 O₂ in CO₂ was studied at various temps. for 20 min. to 6 hrs.
 The rate of exchange was progressively lower with time,
 and an equil. was reached in 1.5 to 2 hrs. The hetero-
 geneous gaseous O₂ exchange with the minerals proceeds
 qualitatively analogously to the SiO₂ exchange (C.A. 50,
 6181). The rate of exchange followed the order Fe₂O₃ >
 Al₂O₃ > SiO₂ at 1100° and the rate of exchange for MnO₂
 was detd. at 700°. The difference in the exchange rates of
 the oxides may be related to their different tendency to
 exist in various valencies, and the rate is higher the stronger
 are the metallic properties of the elements. W. M. S.

1

AM

Problem of the isotopic composition of the oxygen of the minerals...
 CO₂ of shells of contemporary mollusks and that of the...
 was detd. and no significant difference in the composition of O was found. Also the isotopic composition of these CO₂ depends to the average amount of O of low-temperature...
 dependent of geol. age. The isotopic composition of magnetite and chromite were very close to that of water. Our magnetite contained more "heavy" oxygen. As a result of other expts. it was shown that the isotopic composition of O of magnetites of contact origin display an increase of O¹⁸ content as compared with the O of river water, and with that of natural oxides of Fe of sedimentary origin. Systematic studies were made to examine the kinetics of exchange and exchange equilibrium of the O of oxide minerals, and also of silicates and aluminosilicates, with the O of gaseous CO₂, tagged with O¹⁸. Oxide minerals studied were MnO₂, Fe₂O₃, Al₂O₃, and NiO. Exchange was carried out under static conditions at different temps. (200-1400°) and with different times of contact with reactants (0 hrs. to 20 min.). The particle size of the mineral powder studied was 30 to 4 μ. Before exchange the weighed portion of powder was dehydrated *in vacuo* for 3 hrs. at 400-600°. Isotopic analysis of CO₂ was made with a mass spectrometer. Av. relative accuracy of detns. of the ratio of CO₂¹⁸/CO₂¹⁶ was 0.4%. The following results were obtained: (1) the course of the process of exchange of isotopes of oxygen in the minerals with time was characterized by the equation, $Z = p \log [(r + a)/a]$, where Z is the per cent of exchange, r is the time of exchange, p and a are const.; (2) the oxide minerals differed in their capacity for isotopic exchange of O; (3) capacity of the oxide for exchange was

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CONTSO, A, E I

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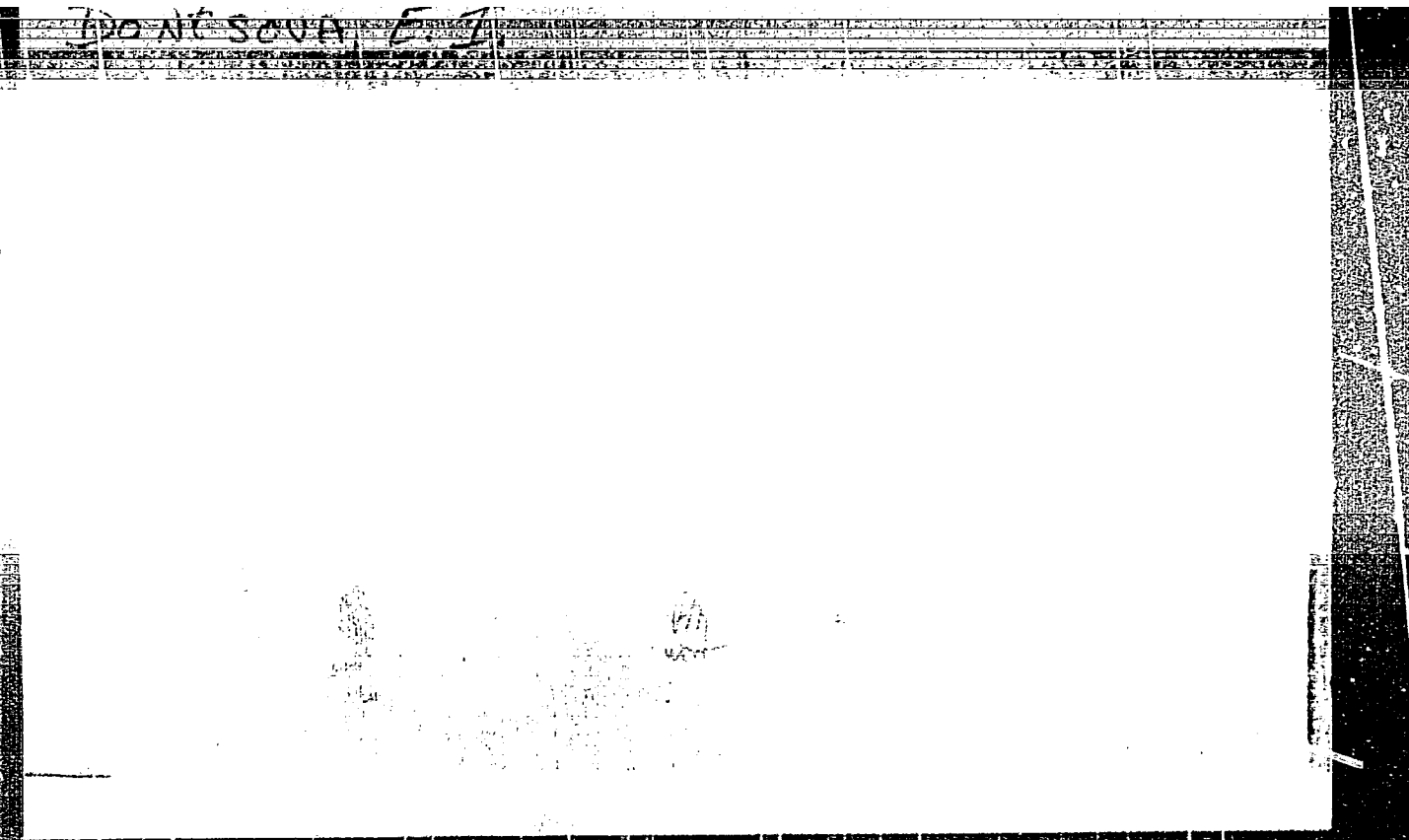
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APPROVED FOR RELEASE: 07/19/2001

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KUKHARENKO, A.A.; DONTSOVA, Ye.I.

Genesis of carbonatites. Geol.rud.nestorozh. no.2:32-47 Mr-Apr
'62. (MIRA 15:4)

1. Leningradskiy gosudarstvennyy universitet i Institut geologii
rudnykh nestorozhdeniy, petrografii, mineralogii i geokhimii AN
SSSR, Moskva.

(Kola Peninsula---Carbonatites)

IONTSOVA, Ye. I.,

"Oxygen in igneous rocks and meteorites"

Report to be submitted for the 13th General Assembly, Intl. Union of Geodesy
and Geophysics (IUGG), Berkeley Calif., 19-31 Aug 63

DONTSOVA, Z.N.

ZHUKOV, Ye.E.; DONTSOVA, Z.N.

Role of metabolism in manifestations of rhythm accommodation.
Uch. zap. Len. un. no.99:238-251 '49. (MLRA 10:2)

1. Fiziologicheskiy institut imeni akademika A.A. Ukhtomskogo,
Leningradskiy gosudarstvennyy ordena Lenina universitet.
(HEART) (RHYTHM) (METABOLISM)

DONTSOVA, Z.N.

Some results of the scientific activity of the Turkestan Department of the Russian Geographic Society during the prerevolutionary period, 1897-1917. Trudy SAOU no.31:33-48 '52. (MLRA 9:5)
(Turkestan--Geographical societies)

DONTSOVA, Z.N.

AZAT'YAN, A.A.; DONTSOVA, Z.N.

~~Uz.fil.Geog.ab-va 1:178-181 '55.~~
P.P. Semenov-Tian-Shanskii; fortieth anniversary of his death. Izv.
Uz.fil.Geog.ab-va 1:178-181 '55. (MIRA 10:3)
(Semenov-Tian-Shanskii, Petr Petrovich, 1827-1914)

~~DONTSOVA, Z.N.~~

N.A. Zarudnyi, Izv.Uz.fil. Geog.ob-va 1:181-183 '55. (MIRA 10:3)
(Zarudnyi, Nikolai Alekseevich, 1859-1919)

USSR / Cultivated Plants. Fruits, Berries.

M-7

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58722
Author : Dontsova, Z. N.
Inst : Middle-Asian Institute
Title : Some Peculiarities of Horticulture and Viticulture
of the Kashka-Dar'inski Oblast'
Orig Pub : Tr. Sredneaz. in-ta, 1956, vyp. 80, 141-152

Abstract : An analysis of the distribution of gardens over the regions of the oblast is given. These gardens occupy an area of 4942 ha. The area of the kolkhoz vineyards of the oblast occupies the third place in the republic. A small area is occupied by subtropical and nut crops. Kernel crops occupy 51% and the seed crops - 31.8%. Mountainous and foothill regions of the oblast have the most favorable conditions for development of

Card 1/2

133

USSR / Cultivated Plants. Fruits. Berries.

M-7

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58722

horticulture and viticulture on bogaras (non-irrigated
land). -- V. M. Kol'

Card 2/2

DONTSOVA, Z.H.

Pages from the history of the Turkestan Branch of the Russian
Geographical Society. Izv.Uzb.fil.geog.ob-va no.3:39-50 '57.
(MIRA 11:4)

(Turkestan---Geographical Societies)

DONTSOVA, Z.N.

"A.P.Fedchenko, geographer and traveler" by A.A.Azat'ian.
Reviewed by Z.N.Dontsova. Izv.Uzb.fil.Geog.ob-va 4:125-126 '60.
(MIRA 13:7)

(Fedchenko, Aleksei Pavlovich, 1844-1873)

(Azat'ian, A.A.)

CHETYRKIN, Vladimir Mikhaylovich, prof. [deceased]; SHUL'TS, V.L., prof.,
otv.red.; DONTSOVA, Z.N., dotsent. otv.red.

[Central Asia; geographical features and zoning] Srednaya Azia;
opyt kompleksnoi geograficheskoy kharakteristiki i raionirovaniya.
Tashkent. Izd-vo SANU, 1960. 239 p. (Tashkent. Universitet. Trudy,
no.182). (MIRA 14:12)
(Soviet Central Asia--Physical geography)

AZAT'YAN, A.A.; DONTSOVA, Z.N.

E.P.Korovin's views on geography. Trudy TashGU no.187:11-16
'61. (MIRA 15:3)

1. Tashkentkiy gosudarstvennyy universitet imeni Lenina.
(Asia, Central--Geographical research)

DONTSOVA, Z.N.

Dokuchaev and modern science. Nauch. trudy TashGU no.193:
15-27 '62. (MIRA 16:7)

(Dokuchaev, Vasilii Vasil'evich, 1846-1903)

KORZHENEVSKIY, N.L.; DONTSOVA, Z.N.; KHASANOV, Kh.Kh., dots.;
VASIL'KOVSKIY, N.P.; BRVOETSOV, Yu.A.; POSLAVSKAYA, O.Yu.;
KOGAY, N.A., dots.; MAMEDOV, E.D.; AKULOV, V.V.; BABUSHKIN,
L.N., prof.; SHUL'TS, V.L., prof.; GORBUNOV, B.V.; GRANITOV,
I.I.; KOSTIN, V.P.; SMIRNOV, N.V., dots.; TSAPENKO, N.G.,
dots.; DEGTYAR', V.I.; CHERNOV, P.N.; MUKMINOV, F.G.;
SELIYEVSKAYA, A.A.; RYABCEIKOV, A.M.; DALIMOV, N.D., dots.;
LOBACH, Kh.S.; TADZHIMOV, T.; ARKAD'YEVA, A.N.; GAL'KOV,
Ch.V.; SHTARKLOVA, S.I.; IESSONOV, M., red.; BAKHTIYAROV, A.,
tekhn. red.

[The Uzbek S.S.R. Uzbekskaya SSR. Tashkent, Gos.izd-vo
UzSSR, 1963. 483 p. (MIRA 16:8)
(Uzbekistan)

DONTSOVA, Z.N.

Results of S.S.Nestruiev's soil expeditions in 1903 - 1914.
Nauch. trudy TashGU no. 213 Geography no. 24:82-96 '63.
(MIRA 17:5)

GVOZDETSKIY, N.A.; FEDCHINA, V.N.; AZIT'YAN, A.A.; DONTSOVA, Z.N.;
FEDOSEYEV, I.A., otv. red.; MEASKOV, V.A., red.; SOLOV'YEV,
A.I., red.

[Russian geographical explorations of the Caucasus and
Central Asia in the 19th and the beginning of the 20th
century] Russkie geograficheskie issledovaniia Kavkaza i
Srednei Azii v XIX - nachale XX v. [By] N.A. Gvozdet'sii i
dr. Moskva, Nauka, 1964. 156 p. (MIRA 17:11)

DONTSOVA, Z.O.

Study of physiological changes in the gray matter of the spinal cord of dogs following exclusion of the afferent impulses from the receptors of the aorta. *Bull. eksp. biol. i med.* 54 no.9:10-14 S '62. (MIRA 17:9)

1. Iz kafedry fiziologii cheloveka i zhivotnykh (zav. - prof. P.Ye. Motsnyy- Dnepropetrovskogo universiteta, Predstavlena deystvitel'nym chlenom AMN SSSR A.V. Lebedinskim.

Dontsova, Z.S.

EXCERPTA MEDICA Sec.2 Vol.10/2 Physiology, etc Feb57

809. DONTSOVA Z. S. Dept. of Human Physiol. and Biochem., State Univ. of Dnyepropetrovsk. *Nature of the action of the midbrain on the respiratory centre FIZIOL. Ž. 1956, 42/8 (668-674) Graphs 3 Illus. 2 (Russian text)

The experiments were performed on large frogs with well-marked pulmonary ventilation. Electrical, chemical or mechanical stimulation of the midbrain arrested the pulmonary respiration, and this effect was due to decreased excitability of the respiratory centre in presence of a shortening of the chronaxie similar to the effect of anelectrotonus. Simonson - Minneapolis, Minn.

DONTSOVA, Z. S.

DONTSOVA, Z.S.

Dynamics of accommodation processes in various functional states of
nerves [with summary in English]. *Fiziol.zhur.* [Ukr.] 3 no.3:41-48
My-Je '57. (MLRA 10:8)
(NERVES)

DONTSOVA, Z.S.

Neural elements of diencephalon influencing the respiratory center. Nauch.dokl.vys.shkoly;biol.nauki no.4:88-91. '58.
(MIRA 11:12)

1. Rekomendovana kafedroy fiziologii i biokhimii cheloveka i zhivotnykh Dnepropetrovskogo gosudarstvennogo universiteta imeni 300-letiya vossoyedineniya Ukrainy s Rossiyey.
(BRAIN) (RESPIRATION)

DONTSOVA, Z.S.

Influence of diencephalon on the respiratory center. Nauch.dokl.vys.
shkoly; biol.nauki no.2:56-59 '59. (MIRA12:6)

1. Rekomendovana kafedroy fiziologii i biokhimi cheloveka i
shivotnykh Dnepropetrovskogo gosudarstvennogo universiteta im. 300-
letiya vossoyedineniya Ukrainy s Rossiysy.
(BRAIN) (RESPIRATION)

DONTSOVA, Z. S.

Nature of polarisation changes during multiple reaction of nerves.
Nauch. dokl. vys. shkoly; biol. nauki no.1:56-58 '60.
(MIRA 13:2)

1.Rekomendovana kafedroy fiziologii cheloveka i zhevotnykh
Dnepropetrovskogo gosudarstvennogo universiteta in. 300-letiya.
vossoyedineniya Ukrainy s Rossiyey.
(NERVES)

DONTSOVA, Z. S.

Characteristics of the effect of acetylcholine on the skeletal nerve in vertebrates. Nauch. dokl. vys. shkoly: biol. nauki no.3:84-85 '60. (MIRA 13:8)

1. Rekomendovana kafedroy fiziologii cheloveka i zhivotnykh Dnepropetrovskogo gosudarstvennogo universiteta im. 300-letiya vossoyedineniya Ukrainy s Rossiyei.
(ACETYLCHOLINE) (NERVIS)

DONTSOVA, Z.S.

Pattern and localization of automatism formed in the respiratory center of frogs. Izv. eksp. biol. i med. 50 no.7:21-26 J1 '60.
(MIRA 14:5)

1. Iz kafedry fiziologii cheloveka i zhivotnykh (zav. - prof. P.Ye. Mozhaynyy) Dnepropetrovskogo gosudarstvennogo universiteta.
Predstavlena deystvitel'nym chlenom AMN SSSR V.N. Chernigovskina.
(RESPIRATION) (MEDULLA OBLONGATA)

DONTSOVA, Z.S.; KOROPOVA, A.Ye.

Changes in the functional characteristics of neural elements of the respiratory center of a frog after the exclusion of afferent pulmonary impulses. *Biul. eksp. biol. i med.* 52 no.12:13-17 D '61. (MIRA 14:12)

1. Iz kafedry fiziologii cheloveka i zhivotnykh Dnepropetrovskogo universiteta (zav. - prof. P.Ye.Motsnyy). Predstavlena deystvitel'nyy chlenom AMN A.V.Lebedinskiy. (MEDULLA OBLONGATA) (LUNGS---INNERVATION)

DONTSOVA, Z.S.

Electrical activity of the respiratory center in frogs under normal conditions and following exclusion of the receptors in the aortic zone. Fiziol. zhur. 49 no.7:863-869 JR '63.

(MIRA 17:11)

1. From the Department of Physiology, Dnepropetrovsk University.

DONTSOVA, Z.S.

Formation of stationary excitation in the nerve centers. Nerv.
sist. no. 1:105-107 '63 (MIRA 18:1)

1. Dnepropetrovskiy universitet.

DONTSOVA, Z.B.; DERENTSEVA, N.V.

Studies on the effect of the cathode and anode polarization on the frog respiratory center depressed by the exclusion of afferent impulses. Biul. eksp. biol. i med. 59 no.2:15-19 F '65. (MIRA 1:17)

1. Kafedra fiziologii cheloveka i zivotnykh (zav. - prof. P.Ye. Motsnyy) Dnepropetrovskogo gosudarstvennogo universiteta.

DONU, E. V.
DONU, G. V.

Introducing mechanization in the underground repair of wells.
Neftianik 1 no.6:14-15 Ja '56. (MIRA 10:12)

1. Master podzemnogo remonta neftepromysla No.4 neftepronyslovogo
upravleniya Busovnyneft'.
(Busovny region--Oil wells--Repairing--Equipment and supply)

DONUKALOVA, R.P.; LAVUSHKINA, V.Yo.

Practical exercises on the subject "America" in the sixth class.
Geog. v shkole 20 no.1:35-39 Js-F '57. (MIRA 10:3)
(Geography—Study and teaching)

1/1 complicated silicosis and in silicotuberculosis. 3 figures, 0 west-
ern, 3 Czech, 3 USSR references. (Ms. rec. 20Dec 66)

CZECHOSLOVAKIA

UDC 615.24-003.65-084:331.96

MAUTNER, Bedrich; Department of Occupational Diseases, Institute of Public Health of Moravia (Oddeleni Chorob z Povolani ZUNZ) OKD [abbreviation not explained], Ostrava, Director (Reditel) Dr M. DONUTIL

"Organized Replacement of Miners as a Precaution in the Control of Pneumoconiosis."

Prague, Pracovni Lekarstvi, Vol 19, No 2, Mar 67, pp 74 - 78

Abstract [Author's English summary modified]: Experience gained in organized replacement of miners in the mining region of Ostrava-Karvinna is described. The work in the mines is classified in 4 categories according to dust content: over 50, 20-50, 10-20, and less than 10 mg/ cubic meter. When pneumoconiosis is found, miners are moved to a zone where the dust rating is lower than in the zone in which they were working previously. A maximum exposure period for individual zones was established. 12 Tables, no references.
1/1

UDOVICHENKO, N.Ya.; DONYA, A.P.

Studying the detonation capacity of a hexogen mixture with ammonium nitrate and other substances. Vzyv. delo no.52/9: 225-233 '63. (MIRA 17:12)

1. Makeyevskiy nauchno-issledovatel'skiy institut po bezopasnosti truda v gornoy promyshlennosti.

DONYA, V.

Joy of difficult roads. *Wost, ugl.* 9 no.12:7 D '60. (MIRA 13:12)

1. Mashinist elektrivosa shakhty "Kontrat'yevka-Novaya"
(Donets Basin--Mine railroads--Labor productivity)

DON-YAKHIO, A.B., inzhener; TERESHKOVICH, S.A., inzhener.

The book "Electric power stations and transformer substations for railroad transportation" by M.V. Rogali-Levitskii, A.IA. Riabkov. Reviewed by A.B. Don-Iakhio, S.A. Tereshkovich. Elektrichestvo no.7:96 J1 '56. (MLRA 9:10)

1. Transtekhproyekt Mintransstroya.
(Electric power plants) (Electric substations)

DONYUSHKIN, N. K.

Donyushkin, N. K. "The trade of Saratov", Saratov, Issue 7, 1948, pp. 24-31.

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

KOCHKIN, M.A.; DONYUSHKIN, V.I.

Methods of studying eroded soils. Pochvovedenie no.12:88-96
D '63. (MIRA 17:11)

1. Gosudarstvennyy Nikitskiy botanicheskiy sad, Yalta.

DONZH'YE, S.

USSR/Human and Animal Physiology - Nervous System.

V-12

Abs Jour : Ref Zhur - Biol., No 1, 1958, 4460

Author : A. Gasto, A. Rozhe, S. Donzh'ye, A. Rezhi

Inst : -

Title : Study of Electroencephalographic Equivalents in the Processes of Central Excitation and Central Inhibition during the Development of Conditioned Reflexes.

Orig Pub : Zhurnal vyssh. nerv. deyatel'nosti, 1957, 7, No 2, 185-202

Abstract : No abstract.

Card 1/1

DODLOTBEKOV, M.

~~ENTYASHEV, G. D.~~

176

PHASE I BOOK EXPLOITATION SOV/5410

Tashkentskaya konferentsiya po mirnomu ispol'zovaniyu atomnoy energii. Tashkent, 1959.

Trudy (Transactions of the Tashkent Conference on the Peaceful Uses of Atomic Energy) v. 2. Tashkent, Izd-vo AN UzSSR, 1960. 449 p. Errata slip inserted. 1,500 copies printed.

Sponsoring Agency: Akademiya nauk Uzbekskoy SSR.

Responsible Ed.: S. V. Starodubtsev, Academician, Academy of Sciences Uzbek SSR. Editorial Board: A. A. Abdullayev, Candidate of Physics and Mathematics; D. M. Abdurasulov, Doctor of Medical Sciences; U. A. Arifov, Academician, Academy of Sciences Uzbek SSR; A. A. Borodulina, Candidate of Biological Sciences; V. N. Ivashev; G. S. Ikramova; A. Ye. Kiv; Ye. M. Lebanov, Candidate of Physics and Mathematics; A. I. Niklayev, Candidate of Medical Sciences; D. Nishanov, Candidate of Chemical Sciences; A. S. Sadykov, Corresponding Member, Academy of Sciences USSR, Academician, Academy of Sciences Uzbek SSR; Yu. N. Talanin,

Card ~~1/20~~

175

Transactions of the Tashkent (Cont.)

SOV/5410

Candidate of Physics and Mathematics; Ya. Kh. Turakulov, Doctor of Biological Sciences. Ed.: R. I. Khamidov; Tech. Ed.: A. G. Babakhanova.

PURPOSE : The publication is intended for scientific workers and specialists employed in enterprises where radioactive isotopes and nuclear radiation are used for research in chemical, geological, and technological fields.

COVERAGE: This collection of 133 articles represents the second volume of the Transactions of the Tashkent Conference on the Peaceful Uses of Atomic Energy. The individual articles deal with a wide range of problems in the field of nuclear radiation, including: production and chemical analysis of radioactive isotopes; investigation of the kinetics of chemical reactions by means of isotopes; application of spectral analysis for the manufacturing of radioactive preparations; radioactive methods for determining the content of elements in the rocks; and an analysis of methods for obtaining pure substances. Certain

Card 2/20

176

Transactions of the Tashkent (Cont.)

SOV/5410

instruments used, such as automatic regulators, flowmeters, level gauges, and high-sensitivity gamma-relays, are described. No personalities are mentioned. References follow individual articles.

TABLE OF CONTENTS:

RADIOACTIVE ISOTOPES AND NUCLEAR RADIATION
IN ENGINEERING AND GEOLOGY

Lobanov, Ye. H. [Institut yadernoy fiziki UzSSR - Institute of Nuclear Physics AS UzSSR]. Application of Radioactive Isotopes and Nuclear Radiation in Uzbekistan

7

Taksar, I. M., and V. A. Yanushkovskiy [Institut fiziki AS Latv SSR - Institute of Physics AS Latvian SSR]. Problems of the Typification of Automatic-Control Apparatus Based on the Use of Radioactive Isotopes

9

Card 3/20

Transactions of the Tashkent (Cont.)	SOV/5410	
Physics AS KazSSR]. Experimental Application of the Scintillation Gamma-Defectoscope		47
Levitakiy, R. V., A. M. Gurevich, D. F. Pavlov, and M. Doolotbekov. [Institute of Nuclear Physics AS UzSSR]. Gamma Radiography Reinforced Concrete		53
Yakobson, I. I. [Tashkentskiy institut inzhenerov zheleznodorozhnogo transporta - Tashkent Institute of Railroad Transportation Engineers]. Gammagraphy of Parts of Rolling Stock		59
Chubarov, L. B. [Tashkent Institute of Railroad Transportation Engineers]. Gammagraphy of Welded Joints of Pipes in the Circulation System		69
Muminov, M. M. [Uzbekskiy gosudarstvennyy universitet im. A. Navoi - Uzbek State University imeni A. Navoi]. Possibility of Applying Radioactive Cobalt for Quality Control in Brickwall Laying		71
Card 6/20		

DOOROMBЕКOV, Zh.; KASATKIN, Yu.N.; FEDOROV, N.A.

Effect of the sodium salt of rhodizonic acid on the excretion of
radioactive strontium from the organism. Med. rad. 5 no.8:76-79
'60. (MIHA 13:12)

(RHODIZONIC ACID)

(STRONTIUM METABOLISM)

DOOS, Aleksandr Vol'demarovich; SUSHCHENKO, A.S., red.

[Glass-reinforced plastics as a new building material]
Stekloplastiki - novyi stroitel'nyi material. Leningrad,
1964. 29 p. (MIRA 17:11)

GALAKTIONOV, Al'bert Vital'yevich; DOOS, A.V., red.

[Mechanical properties of the new building material, FL-1
foam plastic] Mekhanicheskie svoistva novogo stroitel'nogo
materiala - penoplasta FL-1. Leningrad, 1965. 21 p.
(MIRA 18:10)

L 40999-65 BWP(s)/EPA(s)-2/BWT(m)/EPT(s)/EPR/ERP(j)/T Pe-4/Pr-4/Ps-4
WW/RM

ACCESSION NR: AR5005647

S/0081/64/000/021/3057/3057

34
33
B

SOURCE: Ref. zh. Khimiya, Abs. 228386

AUTHOR: Krascheninikov, A.N.; Doos, A.V.; Staranitskiy, P. Ya.

TITLE: A study of the effect of atmospheric factors on the mechanical properties of glass reinforced plastics

CITED SOURCE: Sb. Osnovaniya i fundamenty inzh. Konstruktsii, stroit. proiz-vo. L., 1964, 69-71

TOPIC TAGS: fiberglass, glass reinforced plastic, glass plastic mechanical property, glass plastic aging, atmospheric aging, cold hardening, hot hardening, glass plastic creep

TRANSLATION: The authors studied the effect of atmospheric factors (the climate around Leningrad) on the long-term and short-term mechanical properties of glass reinforced plastics prepared by hot and cold hardening. They found that the binder of glass reinforced plastic prepared by cold hardening undergoes additional polymerization over a long period of time, which leads to a 22% increase in compressive strength (6 months) and a 5.5% increase in tensile strength (3 months) during the first few months of testing. Subsequently, the strength decreases somewhat in all types of tests due to natural aging.

Card 1/2

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There is also an initial increase in the strength of glass reinforced plastic prepared by hot hardening. In this case, atmospheric aging has a significantly stronger effect. Data are also presented on the creep of glass reinforced plastic prepared by cold hardening and of the SVAM brand of glass plastic. K. Ivanova

ENCL: 00

SUB CODE: MT

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60
2/2

NIKOLAYEV, Anatoliy Fedorovich; TRIZNO, Maya Stepanovna; DCOS, S.A.,
red.

[Epoxy-novolak compositions] Epoksidno-novolachnye kompo-
zitsii. Leningrad, 1965. 21 p. (MIRA 19:1)

DOPAN, G., ing.

Let us apply the antiseismic measures properly and integrally.
Constr Bus 16 no.751:3 30 thy '64.

1. State Committee for Constructions, Architecture and Systema-
tization, State Inspection for Constructions.

PAWELCZYK, Ewaryst; DOPIERALA, Tadeusz

Analysis of decomposition products of medicinal drugs.Pt.2.
Chromatographic division of products of aging solutions of
chlorpromazine. Farmacja Polska 18 no.10:234-237 My '62.

1. Zakład Chemii Farmaceutycznej, Akademia Medyczna, Poznan.
Kierownik Katedry: prof.dr. F.Adamanis.

DOPIERALA, T.

POLAND

PAMNICKI, E. and DOPIERALA, T.; Department of Pharmaceutical Chemistry of the Medical Academy, Poznan (Zaklad Chemii Farmaceutycznej Akademii Medycznej w Poznaniu).

"Analysis of Decomposition Products of DRUG. 4. Criticism of Certain Formulations Containing Chlorpromazine."

Warsaw, Farmacja Polska, Vol 18, No 23, 10 Dec 62, pp 565-567

Abstract: The authors investigated seven preparations of chlorpromazine in order to evaluate the stability of this drug in relation to the other ingredients in the mixture. It was found that in the presence of sodium luminal or sodium bromide this drug precipitates out. It was also found that chlorpromazine was unstable in the presence of light and oxygen. Sensitivity to pH variations was noted. In some of the preparations piperazine was precipitated on addition of aminopyrine. These investigations were carried out by colorimetric methods and paper chromatography. This article contains three tables and one reference (Polish).

2/1

CHODERA, A.; DOPIERALA, T.; MROZIKIEWICZ, A.; PAMELCZYK, E.

Chemical and biological determination of chlorpromazine decomposition in water solution. Bull. soc. amis. sci. Poznan [med.] 13:69-75 '64

DOPITA, J.

The rationalization movement and the raising of technological standards.

P. 20, (Sbirka Vynaezu) Vol. 6, no. 1, Jan. 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

DOPITA, J.

Stimulation of the invention and improvement movements. p.121.
(Sbirka Vynalezu, Vol. 6, No. 6, June 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) IC. Vol. 6, No. 9, Sept. 1957. Uncl.

DOPITA, M.

1116: MACRO-PETROGRAPHICAL CLASSIFICATION OF LIGNITE COALS AS A
FUNCTION OF THE ORIGIN OF COAL RESINS. - Zeman, K. and Dostal, J.
C. (Coal, Prague), 1954, vol. 4, 144-145.

①

DOPIA, M.

Relation between coal beds and multicolored strata in the Ostrava-Karvina basin. p. 420. UHLI. (Ministerstvo paliv a energetiky) Praha. Vol. 5, no. 12, Dec. 1955.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

6/22 ✓ **Qualification of the seams in the Opatowitz-Karvin District and its dependence on geological factors.** Jan Pouch and Milos sv Dupla (Univ. Geol. Prague) *2*
Univ. Geol. Prague, *geol. 27*, 1964 (1965), 1-20
summary: A qualitative profile of the coal seams is given on the basis of various parameters in the area of effect of the Carpathian and Variscan orogenesis. The quality of the coal is discussed. It is assumed that the seams in the adjacent Beskydy area will contain less sulfur than in the coal found at Opatowitz. *1964*

DOPITA, M.

GEOGRAPHY & GEOLOGY

PERIODICAL: KWARTALNIK GEOLOGICZNY. Vol. 2, no. 3, 1958

DOPITA, M.: ZEMAN, J. The carbonization of poor coal deposits in the Upper Silseian Coal Basin. p. 565.

Monthly List of East European Accessions. (EEAI) LC Vol. 8, No. 5
May 1959, Unclass.

CERNY, Ivo, inz.; DOPITA, Miloslav, inz.

Surveying and geological services in the mines of Ostrava-Karvina coal basin. Rudy 10 no.1:408-410 D '62.

1. Sdruzeni ostravskokarvinskych dolu, Ostrava.

DOPIA, Miloslav; HAVLENA, Vaclav

Formation of rocks in Ostrava-Karvina basin in two different
epochs. Prid cas slesaky 23 no.3:369-371 '62.

DOPITA, Miloslav, inz.; SPACEK, Otakar, inz.

Requirements of the safety boros for sinking shafts in the Ostrava
area. Geol pruzkum 6 no.8:228-230 Ag '64

1. Sdruzeni ostravsko-karvinskyoh dolu, Ostrava; Vystavba ostravsko-
kurvinskyoh dolu, Ostrava.

L 5h/515-65 EWT(1) IJP(a)

ACCESSION NR: AR5014264

UR/0081/65/000/007/G013/G013

SOURCE: Ref. zh. Khimiya, Abs. 7G81

12
B

AUTHOR: Dopott, Z.M.; Sklyarova, Z.N.

TITLE: Quantitative spectral determination of rare earths of the yttrium group by means of a DFS-13 diffraction spectrograph

CITED SOURCE: Byul. nauchno-tekhn. inform. Gos. geol. kom-t SSSR. Otd. nauchno-tekhn. inform. VIEMSa, no. 2(52), 1964, 81-82

TOPIC TAGS: rare earth analysis, yttrium group determination, spectroscopic analysis, diffraction spectrograph, fluorite analysis

TRANSLATION: To determine rare earth elements in fluorites, use is made of a DFS-13 spectrograph with a grid of 600 lines/cm and a working spectral range of 3000-3500 Å in the second order. The determination is made using three standards. The buffer mixture contains 80% charcoal powder, 20% BaCO₃, and 0.01% Sc₂O₃ (internal standard). The samples and standards are mixed with the buffer mixture in the proportion 1:3. The spectra are excited in a vertical alternating-current arc (15a, 220 v). The samples are

Card 1/2

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placed in the upper and lower electrode and are vaporized for 2.5-3 min. The slit of the spectrograph measured 0.02 mm. The photographic plates are of type II, 22 um. GOST.

SUB CODE: IC,OP ENCL: 00

Card 2/2

... .. POU,

... .. activity of, bivalent, and complex tuberculin
... .. . Veterinaria 8 no.3:195-200. 1963.

... .. Institute of Veterinary Medicine, Brno. Director of the
... .. .

DOPP, E.

Achievements and prospects for the future. p. 2.
(CONSTRUCTOUL. Vol. 9, no. 401, Sept. 1957, Bucaresti, Poland)

SO: Monthly List of East European Accessions (EEAL) IC. Vol. 6, No. 12, Dec. 1957
Uncl.

COUNTRY : USSR
CATEGORY : Farm Animals. Q
 : The Honeybee.
ABS. JOUR. : RZhBiol., No. 6, 1959, No. 25945
AUTHOR : Doppel'mayr, G. A.
INST. :
TITLE : Applying Streptomycin and Desinfection in
 : Treating Bees against European Foul Brood.
ORIG. PUB. : Pchelovodstvo, 1958, No 7, 48-50
ABSTRACT : Thirteen bee colonies were cured by feeding
 each colony 0.2 liter of sugar syrup (1 : 1)
 for 5 days to which 1,000,000 international
 units of streptomycin per 1 liter of syrup
 had been added. One colony suffering from
 European foul brood which did not submit to
 penicillin treatment, was cured with strepto-
 mycin. In order to prevent a relapse, it is
 recommended to supplementary feed streptomycin
 in therapeutical doses at the beginning of the
CARD: 1/2

COUNTRY : USSR
CATEGORY :

ABS. JOUR. : RZhBiol., No. 1959, No.

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : following season or to change the old nest
(frames and beshivo).

Card: 2/2