ACC NR: AP6013350 SOURCE CODE: UR/0363/66/002/004/0693/0701

AUTHOR: Denisov, Yu. V.; Dzhurinskiy, B. F.; Kizel', V. A.

ORG: Moscow Physicotechnical Institute (Moskovskiy fiziko-tekhnicheskiy institut); Institute of General and Inorganic Chemistry im. N. S. Kurnakov, Academy of Sciences SSSR (Institut obshchey i neorganicheskoy khimii Akademii nauk SSSR)

TITLE: Structure of glasses of the Na_2O–B_2O_3 system activated with rare earths. Europium.

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 2, no. 4, 1966, 693-701

TOPIC TAGS: borate glass, europium compound, luminescence spectrum

ABSTRACT: The emission and absorption spectra of glasses of the Na_2O–B_2O_3–Eu_2O_3 system (prepared from Na_2CO_3, H_3BO_3, and Eu_2O_3) were studied at room and liquid nitrogen temperatures using apparatus of high dispersion and sensitivity. The absorption spectra undergo little change with temperature. The form of the luminescence spectra depends on the frequency of the exciting light, not on the europium concentration. It is postulated that two types of luminescence centers of unlike coordination exist. The duration of luminescence was measured for certain lines. As the Na_2O content rises, the transfer of energy to the lattice increases. The strongest interactions between an Eu^{3+} ion and its surroundings take place at the highest and the lowest Na_2O content, at which the homogeneity of the field around the ion is greatest. The asymmetry of the field increases with the Na_2O content. The authors are sincerely grateful to S. L. Mandel'shtam for providing the facilities for the work, to M. D. Galanin for useful discussions,

UDC 546.33+546.273

Card 1/2

ACC NR: AP6013350

and to N. Kunavin for assistance in the measurements. Orig. art. has: 7 figures and 1 table.

SUB CODE: 07,11 / SUBM DATE: 18Dec65 / ORIG REF: 008 / OTH REF: 006

Card 2/2

DENISOV, Yu.V.

Vacuum cleaning of pile fabrics from fluff on roller shearing machines. Obm.tekh.opyt. [MLP] no.10:35-36 '56. (MIRA 11:11)
(Textile machinery) (Vacuum cleaning)

DENISOV, Yu. V.

Printing with dark violet K diazole with a carboxymethyl cellulose thickener. Obm. tekh. opyt. [MLP] no.11:16-17 '56. (MIRA 11:11)

(Textile printing--Equipment and supplies)

DENISOV, Yu.V.

Directing the use of information mateials at the "Krasnaia Talka" Plant. Opyt rab. po tekhn. inform. i prop. no.4:6-7 '63. (MIRA 17:1)

1. Starshiy inzh. Byuro tekhnicheskoy informatsii fabriki "Krasnaia Talka".

ACC NR: AP7003152 SOURCE CODE: UR/0368/66/005/006/00766/0769

AUTHOR: Denisov, Yu. V.

ORG: none

TITLE: Photoelectric recording of luminescence in the infrared range

SOURCE: Zhurnal prikladnoy spektroskopii, v. 5, no. 6, 1966, 766-769

TOPIC TAGS: photoelectric method, luminescence spectrum, spectrophotometer, IR lamp, two beam spectrophotometer

ABSTRACT: A description is given of a two-beam spectrophotometer for analyzing the luminescence spectra activated in glass by rare earth elements. The spectrophotometer is based on an existing IKS-14 model (see Fig. 1). The spectrophotometer's sensitivity is increased by more than two orders by having the photomultiplier cooled with liquid nitrogen, using a cryostat of original design. Analysis of samples at low temperatures is effected by means of an optical cryostat which provides continuous change in temperature, from room to that of liquid nitrogen. The author thanks V. A. Kizel' for his supervision of the work. Orig. art. has:

Card 1/2 UDC: 535.33:535.37

ACC NR: AP7003152

4 figures. [Based on author's abstract] [NT]

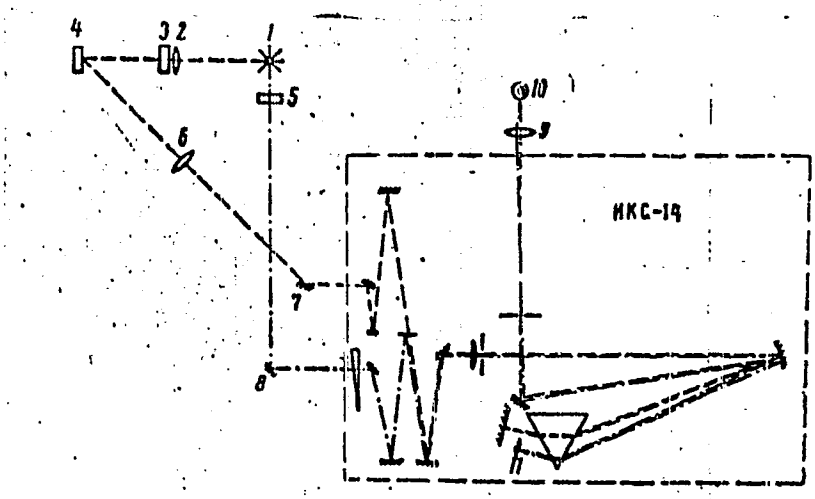


Fig. 1. Optical circuit. 1— Excitation source; 2, 6, 9—capacity; 3, 5—light filters; 4—sample; 7, 8—rotating mirrors; 10—photo receiver; 11—supplementary mirror

Card 2/2 SUB CODE: 20/SUBM DATE: 11May65/

DENISOV Z. N.

DENISOV Z.N. "On kik-sagyz selection", Izvestiyz akad. nauk BSSR Issure 7 1948 p. 41-44

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

LUPINOVICH, I.S.; SKOROPANOV, S.G.; DENISOV, Z.N.; KOVDA, V.A., otv.red.; MARKOV, V.Ya., red.izd-va; POLYAKOVA, T.V., tekhn.red.

[Transformation of nature in the Polesyan lowlands] Preobrazovanie prirody Poleskoi nizmennosti. Moskva, Izd-vo Akad.nauk SSSR, 1953. 77 p. (MIRA 13:7)
(Polesye--Drainage)

USSR/Soil Science - Soil Genesis and Geography. J

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15231

Author : Z.N. Denisov

Inst : Bielorussian Scientific Research Instutute for Melioration and Water Economy.

Title : Swamp Formation as a Stage in Soil and Rock Formation. (Bolotoobrazovaniye kak stadiya pochvoobrazovaniya i porodoobrazovaniya).

Orig Pub : Tr. Belorussk. n.-i. in-ta melior. i vodn. kh-va, 1956, //, 234-253

Abstract : In a single soil forming process, in the opinion of the author, two directions of development are observed: the progressive and the regressive. Water plays a particularly important role, its dearth and excess stipulating the development of the regressive aspect in

Card 1/2

USSR/Soil Science - Soil Genesis and Geography. J

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15231

soil formation. All varieties of soil formation on the surface of the earth may be reduced to three types: the podzolic, peat and bog. The most characteristic feature of the bog type is the simultaneous combination of the processes of soil formation and rock formation. The basis of swamp development is found in a reduction in their supply of ash substances and the accumulation of rock of organic origin, namely peat.

Card 2/2

/

DENISOV, Z.N.

1.

USSR/Meadow Cultivation.

Abs Jour : Ref Zhur - Biol., No 21, 1958, 95886

Author : Denisov, Z.N., Danilovich, A.F.

Inst : Belorussian Scientific-Research Institute of Improvement and Water Management.

Title : Development of Improvements for Increasing the Productivity of Natural Meadows in the Pre-Terrace Area of the Dnepr River Valley.

Orig Pub : V sb.: Osnovnye rezul'taty nauchno-issled. raboty Belorussk. n.-i. in-ta melior. i vodn. kh-va za 1956 g. Minsk, AN BSSR, 1957, 161-166.

Abstract : No abstract.

Card 1/1

MALININ, S.N.; LUPINOVICH, I.S.; MOLOCHKO, I.S.; ABRAMCHUK, A.P.; ALEKSEYEV, Ye.K.; AL'SMIK, P.I.; AMBROSOV, A.L.; ANDREYEVA, N.M.; ANOKHIN, A.N.; AFONIN, M.I.; BABOSOV, M.M.; BALOBIN,V.N.; BARANOVSKIY, A.K.; BEZDENKO, T.T.; BEL'SKIY, B.B.; BOBKOVA, A.F.; BOL'SHAKOVA, V.P.; BULGAKOV, N.P.; VAGIN, A.T.; BIL'DFLUSH, R.T.; VIL'CHINSKIY, A.D.; VLASOVA, K.S.; VOYTKO, D.I.; VOLUZHEV, A.G.; GABYSHEV, M.F. [deceased]; GAYKO, A.A.; GALASHEV, M.A.; GOREGLYAD, Kh.S.; GARKUSHA, I.F.; GOSTILOVSKAYA, M.N.; GORBUNOVA, N.N.; GORSKIY, N.A.; GORFINKEL', Z.Sh.; GRUBILKO, N.P.; GUSAKOV, V.A.; GUDAYKIN, A.I.; DANILOVICH, A.F.; DEMENT'YEV, V.A.; DENISOV, Z.N.; DOROZHKIN, N.A.; DUBOV, A.B.; DUBOVSKIY, Ya.K.; YEVTIKHIYEV, B.Ye.; ZHARIKOV, I.S.; ZHILIN, A.P.; ZHOLNEROVICH, A.M.; ZHURAVEL', B.N.; ZABELLO, D.A.; ZAKHARENKO, G.D.; ZUBETS, V.M.; IVITSKIY, A.I.; KACHURO, I.M.; KEDROV-ZIKHMAN, O.K.; KIDALINSKIY, V.A.; KIPENVARLITS, A.F.; KOVALEVSKIY, G.T.; KOVAL'CHUK, P.P.; KOZHANOV, K.Ya.; KOZLOVSKIY, I.Ye.; KOCHETOVA, Z.N.; KRIVODUBSKIY, I.P.; KUDRYAVTSEV, S.F.; KUSTOVA, A.I.; LAPPO, A.I.; LARIONENKO, V.B.; LASHKEVICH, G.I.; MAL'CHEVSKIY, V.I.; MAN'KO, N.F.; MARKOVETS, A.F.; MATSKEVICH, M.Ye.; MEDVEDEV, A.G.; MEL'TSER, Ya.D.; MOISEYEV, I.G.; MUSORIN, V.V.; MUKHIN, N.D.; NAGORSKAYA, Ye.D.; NALIBOTSKIY, S.B.; NIKOLAYEVA, Yu.N.; NEDOLUGOV, I.T.; ORLOVSKIY, I.A.; ORLOVSKIY, K.P.; PANKEVICH, A.A.; PESKIN, A.L.; PROKOPOV, P.Ye.; PUSHKAREV, I.I.; RAZMYSLOVICH, I.R.; RAZUMENKO, A.V.; REMNEVA, Z.I.; RINKIS, V.A.; ROVDO, A.I.; ROGOVOY, P.P.; ROZENBLYUM, B.M.; RYZHMANOV, A.G.; RUSINOV, A.A.; SAVCHENKO, A.I.; SAPUNOV, V.A.; SAFRONOV, I.P.; SVIRSKIY, Ya.N.; SEVERNEV, V.P.; SERGEYEV, I.V.; SEMENOV, A.L.; SIDORENKO, G.M.;

(Continued on next card)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000310130002-1"

MALININ, S.N.---(continued) Card 2.
SKOROPANOV, S.G.; SKRIPNICHENKO, L.A.; SMIRNOV, T.Ye.; STAROVOYTOV, K.T. [deceased]; STRELKOV, I.G.; SUSLOV, V.P.; SUKHORUKOV, G.Ye.; SYUBAROV, A.Ye.; TIMOSHININ, V.D.; TISHKEVICH, I.I.; TROPASHKO, I.N.; TRIZNO, S.I.; TRIMA, N.K.; TUZOVA, R.V.; TURETSKIY, R.L.; UMANSKIY, M.M.; UR'YEV, I.M.; KHOT'KO, A.I.; KHROBOSTOV, S.N.; TSEKHANOVICH, P.V.; CHERNYAVSKIY, I.G.; CHULKOVA, Ye.I.; CHUNOSOV, M.N.; SHEMPEL', V.I.; SHIKHALEYEV, N.F.; SHKLYAR, A.Ye.; SHCHERBOV, N.A.; YURGENS, B.A.; YUSKOVETS, M.K.; YAKOVLEV, B.I.; YAKERSON, S.A.; YAROSHEVICH, A.A.; LUTSENKO, M.N., red.; LARIN, V., red.; KALECHITS, G., tekhn.red.

[Measures for increasing agricultural production per 100 hectares of land on collective and state farms of White Russia] Meropriiatiia po uvelicheniiu proizvodstva sel'skokhoziaistvennoi produktsii na 100 gektarov zemel'nykh ugodii v kolkhozakh i sovkhozakh BSSR. Red.kollegiia; I.S.Lupinovich i dr. Minsk, Gos.izd-vo BSSR. Red.sel'khoz. lit-ry, 1959. 601 p. (MIRA 13:4)

1. White Russia. Ministerstvo sel'skogo khozyaystva.
(White Russia--Agriculture)

YASINSKIY, I.I.; DENISOV, Z.N., kand.sel'skokhoz.nauk

Some peculiarities of the development of swamps in the flood plain of the Sluch River. Sbor. bot. rab. Bel. otd. VBO no.2:155-166 '60. (MIRA 15:1)

1. Zaveduyushchiy otdelom lugov i pastbishch Instituta melioratsii, vodnogo i bolotnogo khozyaystva.
(Sluch Valley--Swamps)

USSR / Human and Animal Morphology, Normal and Pathological. Nervous System. Peripheral Nervous System. S-2

Abs Jour : Ref Zhur - Biol., No 18, 1958, No 83673

Author : Denisov-Nikol'skiy, Yu. I.
Inst : Military Medical Academy
Title : A Contribution to the Morphology of Pelvic Nerves.

Orig Pub : Tr. Voyen.-med. akad., 1957, 76, 28-36.

Abstract : No abstract given.

Card 1/1

DENISOV-NIKOL'SKIY, Yu.I.

State of the intraorgan blood supply of the posterior extremity in rabbits under conditions of disturbed blood supply. Arkhiv. anat. gist. i embr. 43 no.10:71-78 O'62. (MIRA 17:6)

1. Kafedra normal'noy anatomii (ispolnyayushchiy obyazannosti zaveduyushchego - prof. V.M. Godinov) Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova, Leningrad. Adres avtora: Leningrad, K-9, ul. Lebedeva, 6, Kafedra normal'noy anatomii Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova.

DENISOV-NIKOL'SKIY, Yu.I.

State of peripheral nervous structures of the pelvic extremity in rabbits during the development of collateral circulation. Biul. eksp. biol. i med. 55 /i.e. 56/ no.10:110-113 O'63 (MIRA 17:8)

1. Iz kafedry normal'noy anatomii (ispolnyayushchiy obyazannosti [illegible] - prof. V.M. Godinov) Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova, Leningrad. Predstavlena deystvitel'nym chlenom AMN SSSR V.V. Parinym.

DENISOV-MIKOL'SKIY, Yu.I.

Condition of the elements of the peripheral nervous system of the locomotor apparatus during ischemia. Trudy Len. ob-va est. 74 no. 1:62-64 '63. (MIRA 17:9)

PRINTSEVA, inzh.; RODINA, inzh.; DENISOVA, inzh.; VINOGRADOV, K.A., kand. sel'skokhozyaystvennykh nauk; KORZHEV, M.P., arkhitektor

Preserving forests in areas designated for housing construction. Gor. khoz. Mosk. 33 no.7:29-30 Jl '59. (MIRA 12:10)

1.Gorproyekt, g.Perm' (for Printseva, Rodina, Denisova). 2.Rukovoditel' sektora ozeleneniya gorodov Akademii kommunal'nogo khozyaystva (for Vinogradov).

(Forests and forestry)

DENISOVA, A.A.

At the Scientific Council of the Central Scientific and Technical Institute of the Leather and Footwear Industry. Kozh.-obuv. prom. no.7:40 Jl '59. (MIRA 12:11)
(Leather industry)
(Ultrasonic waves—Industrial application)

DENISOVA, A. A.

Surgical treatment of craniostenosis. Vop.neirokhir. 18 no.6:49-54 N-D '54 (MLRA 8:4)

1. Iz Nauchno-issledovatel'skogo ordena Trudovogo Krasnogo Znameni instituta neyrokhirurgii imeni akad. N. N. Burdenko Akademii meditsinskikh nauk SSSR.

(CRANIUM, surgery,
craniostenosis, surg.)

DENISOVA, A.A. (Moskva, V-95, Pyatnitskaya ul., d.76, kv.30); SIVASH, K.M.

Mechanical characteristics of normal bones and metal fixations for osteosynthesis; experimental study. Ortop., travm. i protez. 25 no.6:63-64 Je '64. (MIRA 18:3)

1. Iz Instituta eksperimental'noy khirurgicheskoy apparatury i instrumentov (dir. - M.G. Anan'yev).

DENISOVA, A.A., inzhener.

Separation-paper chromatography used in the analysis of pretanning waste liquids. Leg.prom.16 no.12:38-40 D '56. (MLRA 10:2)
(Tanning) (Chromatographic analysis)

DENISOVA, A.A., inzhener; SHESTAKOVA, I.S., doktor tekhnicheskikh nauk, professor.

Tanning Russian leather with pine tannins. Leg.prom.17 no.3:19 Mr '57. (MLRA 10:4)

(Tannins)

DENISOVA, A.A., inzh.; ZAYDES, A.L., kand.khim.nauk; MIKHAYLOV, A.N., doktor tekhn.nauk, prof.

Quantitative chromatographic analysis in laboratory practice of the leather industry. Leg.prom.17 no.9:23-26 S '57. (MIRA 10:12)
(Leather industry) (Tanning materials--Testing)
(Chromatographic analysis)

DENISOVA, A.A.

EXCERPTA MEDICA Sec 2 Vol.2/6 Physiology June 58

2466. QUANTITATIVE DETERMINATION OF AMINO-ACIDS BY PAPER CHROMATOGRAPHY (Russian text) - Denisova A. A. Physico-Chem. Lab., Centr. Res. Inst. of Leather Industry, Moscow - BIOKHIMIJA 1957, 22/4 (755-760) Graphs 3 Tables 3 Illus. 1

Quantitative determination of amino-acids was carried out by direct photometric measurements of the chromatograms. The method is simpler and less cumbersome than the elution method. The error in 9 parallel determinations is 4-5%.

Edgar - Amsterdam

AUTHORS: Denisova, A. A., Zaydes, A. L. 20-114-6-41/54

TITLE: The Composition of the Collagen Fractions With Regard to Amino Acids in the Guinea Pig (Aminokislotnyy sostav fraktsiy kollagena morskoy svinki)

PERIODICAL: Doklady AN SSSR, 1957, Vol. 114, Nr 6, pp. 1287-1290 (USSR)

ABSTRACT: Collagen is a system of many phases and components. The main components are collastromine and procollagen (references 1, 2). After a short survey of the works hitherto published on the problem mentioned in the title (references 3-6) the authors express the opinion that a number of intermediate protein-forms exists in the skin beside procollagen and collagen. In all procollagen fractions in the guinea pig they determined tyrosine. In the present paper the proteins: collastromine and procollagen are successively isolated from the collagen complex and in this connection the problem cited in the title is studied. The central layer of skin was subjected to a fractionation. The separation of the collagen complex into its components was done by a multiple extraction by citrate buffer with pH 4,0 for 48 hours respectively. Procollagen was precipitated in

Card 1/4

every extract with 5% sodium chloride solution. In citrate extracts the collagen-content decreases from fraction to fraction. Due to the insufficient content several extracts were gathered in one group. Thus extract 3 and 4 formed fraction II, 5 - 7 were gathered in fraction IV, and 8 - 11 in fraction V. The content of amino acids was determined on paper by means of distributing chromatography (according to reference 7, somewhat modified). The positive of the chromatogram was photometrically evaluated. The test results showed that the qualitative composition of the individual fractions is equal (table 1), but that they are quantitatively different from each other. Quite surprising was the fact that the content of amino acids in procollagen changes from fraction to fraction. These modifications do not take place gradually, but often pass a minimum or maximum point. Thus the smallest amount of proline is contained in fraction II, and then it increases. With oxyprolins it is different: its maximum amount is contained in fraction III and is even higher than in the initial collagen. The same holds true for aspartic acid. The different amount of amino acids prevents the authors from

The Composition of the Collagen Fractions With Regard to Amino Acids in the Guinea Pig 20-114-6-41/54

making a comparison of the content of amino acids in procollagen and collastromine. As in the collagen-complex about 80% fall to collastromine, a comparison of the content of amino acids in collastromine and collagen would be little characteristic. But in collastromine the authors found less oxyproline and lysine, and more leucine and phenyl-alanine than in collagen. According to an interesting observation a jump of content of some amino acids takes place on transition from the last procollagen fraction to collastromine. Thus the content of arginine decreases on transition from fraction III to V. In collastromine the content of arginine again increases. From the standpoint of the authors this may to some extent serve as a confirmation of the many phases in collagen which were proved by physical and histochemical methods (reference 1). The differences in the content of amino acids of the individual fractions may stem from various causes. Without additional tests it is therefore difficult to interpret the results. There are 2 figures, 1 table, and 9 references, 5 of which are Slavic.

Card 3/4

The Composition of the Collagen Fractions With Regard to Amino Acids in the Guinea Pig 20-114-6-41/54

ASSOCIATION: Central Scientific Research Institute of the Leather-Shoe Industry (Tsentral'nyy nauchno-issledovatel'skiy institut kozhevenno-obuvnoy promyshlennosti)

PRESENTED: March 28, 1957, by A. I. Oparin, Academician

SUBMITTED: March 9, 1957

Card 4/4

DENISOVA, A. A. Cand Tech Sci -- (diss) "Description of the amino-acid composition ~~content~~ of collagen fractions of the integumen of mammals." Mos, 1958. 24 pp with illustrations (Min of Higher Education USSR. Mos Technological Inst of Light Industry), 100 copies (KL, 13-58, 96)

FRIDMAN, V.M., kand.tekhn.nauk; DENISOVA, A.A., kand.tekhn.nauk; PANFILOVA, K.L., inzh.

Using ultrasonics for obtaining fatty emulsions. Kozh.-obuv. prom. no.6:22-27 Je '59. (MIRA 12:9)
(Ultrasonic waves--Industrial applications)
(Tanning materials)

DENISOVA, A.A., kand.tekhn.nauk; ZAYDES, A.L., kand.khim.nauk; MIKHAYLOV, A.N., prof., doktor tekhn.nauk

Amino-acid composition of the fractionation products of collagen from the skin of mammals. Izv.vys.ucheb.zav.; tekh.leg.prom. no2: 69-75 '59. (MIRA 12:10)

1. TSentral'nyy nauchno-issledovatel'skiy institut kozhevenno-obuvnoy promyshlennosti.
(Hides and skins) (Collagens)

DENISOVA, A.A., kand.tekhn.nauk

Amino acid composition of fractionation products of collagen obtained from cattle hides. Izv.vys.ucheb.zav.; tekh.leg.prom. no.5:21-24 '60. (MIRA 13:11)

1. TSentral'nyy nauchno-issledovatel'skiy institut kozhevenno-obuvnoy promyshlennosti. Rekomendovana kafedroy tekhnologii kozhi Kiyevskogo tekhnologicheskogo instituta legkoy promyshlennosti.
(Collagen) (Amino acids)

LISITSIAN, Nazeli Stepanovna. Prinimali uchastiye: SIMONOVA, N.N.; DENISOVA, A.A.; NADEZHDINA, A., red.; LEBEDEV, A., tekhn. red.

[Issuing credit on the basis of the turnover of material values] Kredit po oborotu material'nykh tsennostei. Moskva, Gosfinizdat, 1961. 166 p. (MIRA 15:2)

1. Institut ekonomiki Akademii nauk SSSR (for Simonova, Denisova).

(Moscow Province—Credit)

DYSHLER, B.N.; DENISOVA, A.A.; YEGOROVA, S.I.; SOKOLOVA, G.S., red.; LEVINA, L.G., tekhn. red.

[Collection V-58-2 (consolidated norms and estimates) Rural construction and assemtly work)Sbornik V-58-2 (ukrupnennye normy i mestnosti. Moskva, No.2. [Walls of residential buildings] Steny zhilykh zdanii. 1961. 25 p. (MIRA 16:2)

1. Russia (1917- R.S.F.S.R.)Ministerstvo sel'skogo khozyaystva. (Walls)

LIPOVETSKIY, G.S.; GOL'DINA, B.G.; KUL'KOVA, I.A.; PEREPELKIN, V.P.; DENISOVA, A.A.; MANEVICH, Ye.I.; SMIRNOVA, M.G.

Sutureless joining of tissues; experimental study on cyacrine glue. Eksper. khir. i anest. 9 no.1:3-6 Ja-F '64. (MIRA 17:12)

1. Institut eksperimental'noy khirurgicheskoy apparatury i instrumentov Ministerstva zdravookhraneniya SSSR, Moskva.

L 15551-63 EWP(q)/EWT(m)/BDS AFFTC/ASD JD

ACCESSION NR: AP3003892 S/0181/63/005/007/1933/1935

AUTHOR: Glinchuk, K. D.; Denisova, A. D.; Litovchenko, N. M.

TITLE: Recombination of current carriers at zinc atoms in p-type silicon

SOURCE: Fizika tverdogo tela, v. 5, no. 7, 1963, 1933-1935

TOPIC TAGS: recombination, current carrier, Zn, Si, p-type, electron, hole, capture cross section, acceptor level, atom, lifetime, specific resistance, excess conductivity, zinc, silicon

ABSTRACT: The authors have determined the capture cross section of electrons by neutral atoms to be 10^{-15} cm^2 and of holes by singly negatively charged atoms to be 10^{-13} cm^2. This cross section is practically independent of temperature within the range 80-200K. It is noted that neutral and singly negatively charged atoms of zinc, because of the relative large values of capture cross section for both electrons and holes, can not bring about strong capture and trapping of electrons in p-type silicon, leading to the appearance of long-lived components in the relaxation of excess conductivity. Such atoms are effective recombination

Card 1/2

L 15551-63

ACCESSION NR: AP3003892

centers, the injection of which permits a considerable decrease in lifetime of current carriers. Orig. art. has: 1 figure.

ASSOCIATION: Institut poluprovodnikov AN UkrSSR, Kiev (Institute of Semiconductors Academy of Sciences, Ukrainian SSR)

SUBMITTED: 21Jan63	DATE ACQ: 15Aug63	ENCL: 00
SUB CODE: PH	NO REF SOV: 011	OTHER: 003

Card 2/2

L 22507-65 EWT(m)/EWP(j) RM

ACCESSION NR: AP4043099 S/0185/64/009/007/0805/0807

AUTHORS: Glyenchuk, K. D. (Glinchuk, K.D.); Denysova, A. D. (Denisova, A. D.); Lytovchenko, N. M. (Litovchenko, N. M.)

TITLE: The nature of centers of trapping and capture of current carriers in thermally treated silicon. II.

SOURCE: Ukrayins'kyy fizychnyy zhurnal, v. 9, no. 7, 1964, 805-807

TOPIC TAGS: trapping center, capture center, current carrier trapping center, current carrier capture center, silicon, iron additive, copper additive, nickel additive, zinc additive, palladium additive, energy state, silicon structural defect, annealing

ABSTRACT: The trapping of current carriers in silicon alloyed with admixtures of Fe, Cu, Ni, Zn or Pd atoms, which in certain charge stages tend to form complexes with themselves or with oxygen, was studied by comparing the energy state of centers produced by them, and the change in their concentration upon aging, with analgous values for control samples. The presence of the additives (Cu, Fe) caused an increase in the concentration of the electron and hole trapping centers; the concentration, the change in concentration

Card 1/2

L 22547-65

ACCESSION NR: AP4043099

with time, and the energy state of the capture centers approximated the concentrations and the energy state in the control thermally treated silicon. It was concluded that complexes of the admixed atoms, as well as structural defects, can be trapping and capture centers for current carriers in n- and p-type silicon. Annealing does not necessarily deactivate the complexes-- some of them, especially the complexes with oxygen, are stable at high temperatures. Orig. art. has: 3 figures

ASSOCIATION: Instytut napivprovidnykiv AN URSR, Kiev (Institute of Semiconductors, AN URSR)

SUBMITTED: 20Mar64 ENCL: 00

SUB CODE: SS, EE NR REF SOV: 003 OTHER: 003

Card 2/2

GLINCHUK, K.D. [Hlynchuk, K.D.]; DENISOVA, A.D. [Denysova, A.D.]; LITOVCHENKO, N.M. [Lytovchenko, N.M.]

Nature of attachment and trapping centers for current carriers in thermally treated silicon. Part 2. Ukr. fiz. zhur. 9 no.7:805-807 Jl '64. (MIRA 17:10)

1. Institut poluprovodnikov AN UkrSSR, Kiyev.

L 14127-66 EWT(1)/EWT(m)/EWP(b)/EWP(t) LJP(c) AT/JD
ACC NR: AP6000882 SOURCE CODE: UR/0181/65/007/012/3669/3670

AUTHORS: Glinchuk, K. D.; Denisova, A. D.; Litovchenko, N. M. 58

ORG: Institute of Semiconductors, AN UkrSSR, Kiev (Institut poluprovodnikov AN UkrSSR) B

TITLE: Photoconductivity of silicon doped with deep impurities 21,44,55 27

SOURCE: Fizika tverdogo tela, v. 7, no. 12, 1965, 3669-3670

TOPIC TAGS: silicon, photoconductivity, impurity level, temperature dependence, semiconductor carrier, light excitation

ABSTRACT: The investigation was stimulated by recent results of I. A. Kurova and N. N. Ormont (FTT v. 6, 3708, 1964), who showed that the photoconductivity spectra of gold-doped germanium vary with the temperature as a result of changes in the charge exchange of the impurities upon illumination. The authors report that they observed in silicon doped with gold and zinc (which produce deep levels) a temperature variation of the photoconductivity spectrum under conditions when no appreciable charge exchange of the impurities took

Card 1/2

2

L 11127-66
ACC NR: AP6000882

place. The measurements were made with partially compensated samples with high resistivity that increased exponentially with decreasing temperature. The photocurrent was found to be constant at low temperatures and to grow considerably at high temperatures. The shape of the spectral curves also was strongly temperature dependent. The results are attributed to the effect produced by the depth of the levels produced by the impurities and by the thermal excitation of the carriers from these levels. This produces effectively additional centers whose optical ionization contributes greatly to the photoconductivity at low temperatures. The authors also report that they observed in nSi + Zn extinction of photoconductivity, which is connected, as in germanium, with transitions to and from the deep levels. Orig. art. has: 2 figures.

SUB CODE: 20/ SUBM DATE: 05Jul65/ ORIG REF: 003/ OTH REF: 001

Card 2/2

ACC NR: AP7003611 SOURCE CODE: UR/0185/66/011/012/1324/1331

AUTHOR: Hlynchuk, K. D.—Glinchuk, K. D.; Denysova, A. D.—Denisova, A. D.; Lytovchenko, N. M.—Litovchenko, N. M.

ORG: Institute of Semiconductors, AN URSR, Kiev (Instytut napivprovidnykiv AN URSR)

TITLE: Photoconductivity of silicon doped with Au and Zn

SOURCE: Ukrayins'kyy fizychnyy zhurnal, v. 11, no. 12, 1966, 1324-1331.

TOPIC TAGS: photoconductivity, photoconductor, silicon

ABSTRACT: The intrinsic and impurity photoconductivity of p- and n-type silicon doped with Av and Zn was investigated in the 90—300°K temperature range. The impurities were introduced by the diffusion method at 1200°C; impurity concentration was in the 10^{16}—10^{17} range. The photoconductivity spectrum at low temperatures (T - 90°K) depended on the introduced impurities, but at high temperatures (300°K), thermal centers formed during high-temperature annealing determine photoconductivity. In compensated n-Si + Zn, quenching of intrinsic photoconductivity was observed. This quenching is connected with exchange of the Zn atom charge under light action. Orig. art. has: 3 figures and 1 formula. [JP]

SUB CODE: 20/ SUBM DATE: 28Feb66/ ORIG REF: ~~005~~ 004/ OTH REF: ~~003~~ 006

Card 1/1 UDC: none

AKIMOV, V.I.; ALEKSEYENKO, I.P.; ALENT'YEVA, K.A.; AMOSOV, N.M.; ARUTYUNOV, A.I.; BRATUS', V.D.; VASHCHENKO, I.D.; GELLERMAN, D.S.; GRISHIN, M.A.; DANILEYEVA, T.N.; DENISOVA, A.G.; DOLGOVA, M.P.; IVANOV, N.A.; ISHCHENKO, I.N.; KATS, V.A.; KOLOMIYCHENKO, M.I.; LAVRIK, S.S.; LIMAREV, A.A.; NAZAROVA, N.G.; NOVACHENKO, N.P.; PETRUNYA, S.P.; PKHAKADZE, A.L.; RUDENKO, F.A.; SERGIYEVSKIY, V.F.; TAYTSLIN, I.S.; TARTAKOVSKIY, B.S.; CHIZHONOK, P.I.; SHALABALA, M.P.; SHUMADA, I.V.; SHUPIK, P.L.

Konstantin Konstantinovich Skvortsov; obituary. Nov.khir.arkh. no.3:142-143 My-Je '59. (MIRA 12:10)
(SKVORTSOV, KONSTANTIN KONSTANTINOVICH, 1871-1959)

DENISOVA, A. I.

Cand Chem Sci - (diss) "Hydrochemical conditions of the Kakhovskiy Reservoir in its standing period." /Novocherkassk/, 1961. 18 pp; (Academy of Sciences USSR, Hydrochemical Inst); 200 copies; price not given; (KL, 10-61 sup, 207)

DENISOVA, A.I.; ALMAZOV, A.M.

Mineralization forecasts for the water of Kakhovka Reservoir and their accuracy. Gidrokhim. mat. 32:97-104 '61. (MIRA 14:6)

1. Institut gidrobiologii AN USSR (otdel gidrokhimii) Kiyev.
(Kakhovka Reservoir—Water—Composition)

DENISOVA, Aleksandra Ivanovna[Denysova, O.I.]; MAYSTRENKO, Yuriy Gordeyevich[Maistrenko, IU.H.]; ALMAZOV, O.M., doktor geogr. nauk, otv. red.; KOVAL', V.A., red.; RAKHLINA, N.P., tekhn.red.

[Hydrochemistry of Kakhovka Reservoir]Gidrokhimiia Kakhovs'koho vodoimyshcha. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 198 p. (MIRA 15:9)
(Kakhovka Reservoirs--Water--Composition)

DENISOVA, Aleksandra Ivanovna[Denysova, O.I.]; MAYSTRENKO, Yuriy Gordeyevich[Maistrenko, IU.H.]; ALMAZOV, O.M., doktor geogr. nauk, otv. red.; KOVAL', V.A., red.; RAKHLINA, N.P., tekhn. red.

[Hydrochemistry of Kakhovka Reservoir]Hidrokhimiia Kakhovs'koho vodoimyshcha. Kyiv, Vyd-vo AN URSR, 1962. 198 p.
(MIRA 15:12)
(Kakhovka Reservoir--Water--Composition)

DENISOVA, A.I.; MAYSTRENKO, Yu.G.; ALMAZOV, A.M.

Hydrochemical regime of Kakhovka Reservoir as an ecologic factor governing the existence of water organisms. Vop. ekol. 5:50-52 '62. (MIRA 16:6)

1. Institut gidrobiologii AN UkrSSR, Kiyev.
(Kakhovka Reservoir--Water--Analysis)
(Kakhovka Reservoir--Phytoplankton)

ALMAZOV, A.M. [Almazov, O.M.]; MAYSTRENKO, Yu.G. [Maistrenko, IU.H.]; DENISOVA, A.I. [Denysova, O.I.]

Hydrochemical regimen of the Dnieper River and the floodplain bodies of water in the downstream of the Kahovka Hydroelectric Power Station. Pratsi Inst. hidrobiol. AN URSR no.39:5-15 '63. (MIRA 17:12)

DENISOVA, A.I.

Characteristics of the hydrochemical regimen of Kremenchug Reservoir under ice. Gidrobiol. zhur. 1 no.4:61-69 '65.
(MIRA 18:10)

1. Institut gidrobiologii AN UkrSSR, Kiyev.

GAMBURG, A.L.; DENISOVA, A.M.

Effect of certain pharmacological preparations on the cerebral bioelectric activity in schizophrenia. Zhur. nevr. i psikh. 64 no.1:116-124 '64. (MIRA 17:5)

1. Kafedra psikhiatrii (zaveduyushchiy - prof. M.P. Kutanin) Saratovskogo meditsinskogo instituta.

KATSENOVICH, A.L., prof.; MADZHIDOV, V.M., dotsent; KADYROV, V.K., assistent; SHEKHTEL', A.I.; BISEROVA, M.G.; Prinimali uchastiye: KHAVKINA, Ye.B.; SADYMENKO, I.I.; VASIL'YEVA, T.L.; ATAYEVA, T.I.; MYATISHKINA, Z.I.; TUTAYEVA, V.F.; BAIDOV, T.I.; YAKUNINA, N.I.; SOKOLOVA, Ye.G.; LOPATO, E.A.; ABDULLAYEVA, N.A.; YELIOKUL'SON, L.M.; BAGDASAROVA, K.A.; DENISOVA, A.P.

Some unsolved problems of influenzal infection from the aspect of the epidemic of influenza in 1957 and 1959. Med. zhur. Uzb. no.2: 3-8 F '62. (MIRA 15:4)

(INFLUENZA)

DENISOVA, A.S.

Effect of small doses of luminal upon the higher nervous activity in dogs. Trudy Inst.fiziol. no.2:31-51 '53. (MLRA 7:5)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti (zaveduyushchiy - F.P.Mayorov). (Barbituric acid) (Nervous system)

DENISOVA, A.S.

USSR/ Physical Chemistry - Kinetics. Combustion. Explosives. Topochemistry. Catalysis B-9

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 11292

Author : Andrianov K.A., Golubtsov S.A., Trofimova I.V., Denisova A.S., Turetskaya R.A.

Inst : Academy of Sciences USSR

Title : On the Role of Copper in the Reaction between Ethyl Chloride and Silicon

Orig Pub : Dokl. AN SSSR, 1956, 108, No 3, 465-468

Abstract : A study was made of the influence of Cu-content of silicon-copper alloys on their interaction with C_2H_5Cl (I); among the reaction products were found $C_2H_5SiHCl_2$, $C_2H_5SiCl_3$, $(C_2H_5)_2SiHCl$, $(C_2H_5)_2SiCl_2$ (II) and a number of liquid and gaseous products. Catalytic activity of alloys was evaluated on the basis of the content, in the reaction products, of II, the formation of which takes place according to the most advantageous reaction: $2C_2H_5Cl + Si \rightarrow (C_2H_5)_2SiCl_2$, involving no loss of organic radicals. With decrease in Cu-content of the alloy from 70 to 5%, content of II in the reaction products increases from 20 to 45-50%. It is shown that drop in catalytic activity of alloys with high Cu-content is due not to thermal

1/2

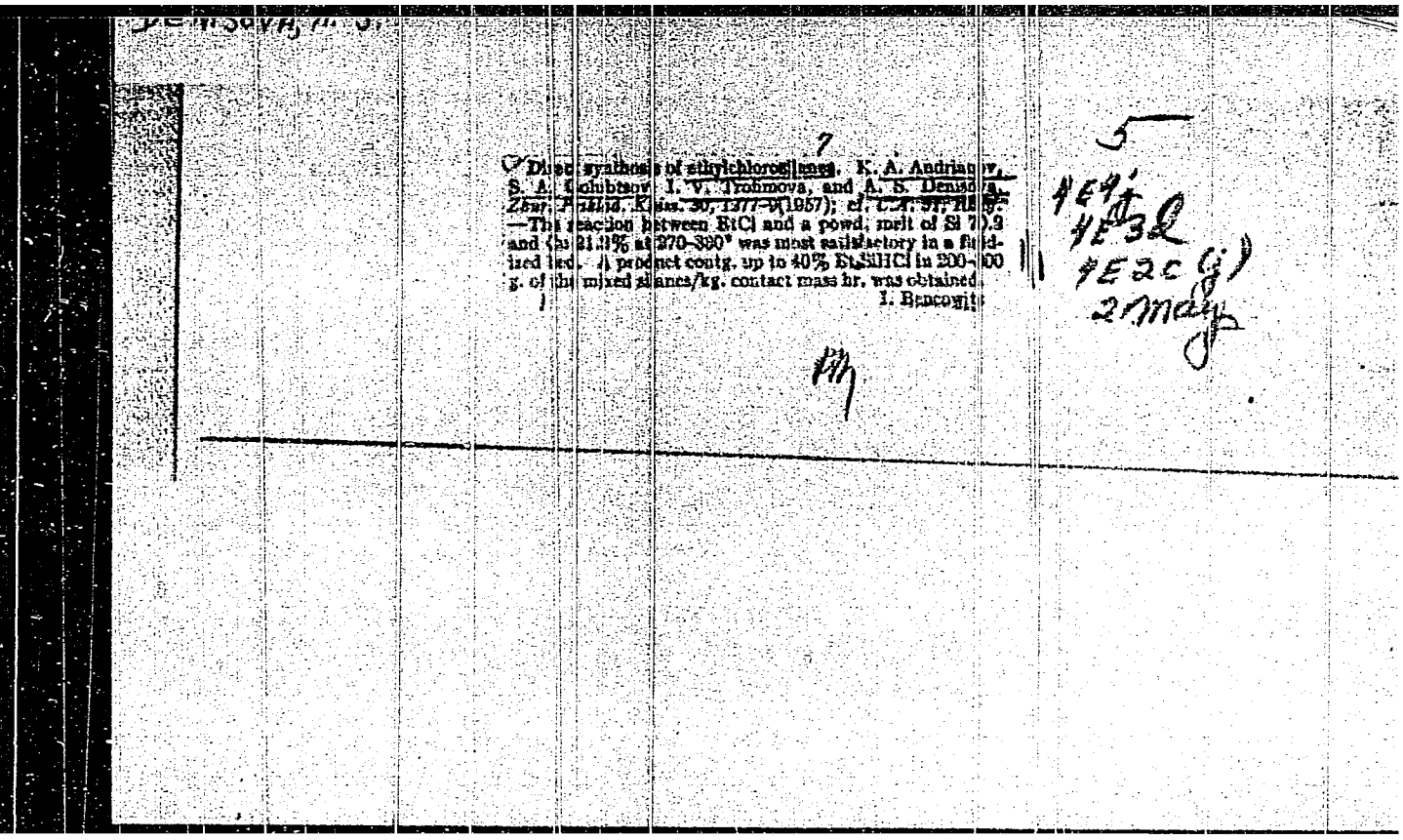
Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 11292

decomposition of products (which is slight under the conditions of the synthesis), but to catalytic decomposition of I in the presence of Cu, according to the reaction:
$C_2H_5Cl \rightarrow C_2H_4 + HCl$ and subsequent reactions: $C_2H_5Cl + 2HCl + Si \xrightarrow{Cu} C_2H_5SiCl_3 + H_2$ and $2C_2H_5Cl + 4HCl + Si \xrightarrow{Cu} 2C_2H_5SiHCl_2 + H_2$.

DENISOVA, A.S.

Effect of optimal doses of bromine on the maximum duration of differentiation. Trudy Inst. fiziol. 6:230-241 '57. (MIRA 11:4)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti (zaveduyushchiy P.M. Mayorov)
(BROMINE) (PSYCHOLOGY, PHYSIOLOGICAL)



Direct synthesis of ethylchlorosilanes. K. A. Andrianov, S. A. Golubtsov, I. V. Trobmova, and A. S. Denisova. *Zhur. Prikhl. Khim.* 30, 1277–9(1957); cf. *C.A.* 51, 11[illegible]. —The reaction between EtCl and a powd. melt of Si 70.9 and Cu 21.1% at 270–330° was most satisfactory in a fluidized bed. A product contg. up to 40% Et_2SiHCl in 200–300 g. of the mixed silanes/kg. contact mass hr. was obtained. I. Bencowitz

DENISOVA, A.S.

Dynamics of changes in the magnitude of conditioned reflexes due to reduced physical intensity of the conditioned stimulus. Trudy Inst. fiziol. 10:13-22 '62 (MIRA 17:3)

1. Laboratoriya fiziologii i patologii vysshey nervsnoy deyatel'nosti (zav. - F.P.Mayorov) Instituta fiziologii imeni Pavlova AN SSSR.

DENISOVA, A.S.

Dynamics of changes in the conditioned reflexes of dogs following administration of small adrenaline doses. Dokl. AN SSSR 142 no.3: 725-727 Ja '62. (MIRA 15:1)

1. Institut fiziologii im. I.P.Pavlova AN SSSR. Predstavleno akademikom V.N.Chernigovskim.
(CONDITIONED RESPONSE) (ADRENALINE)

DENISOVA, A.S.

Changes in the higher nervous activity in dogs following the administration of noradrenaline. Zhur.vys.nerv.deiat 14 no.1:40-46 Ja-F '64. (MIRA 17:6)

1. Laboratory of Physiology and Pathology of Higher Nervous Activity, Pavlov Institute of Physiology, U.S.S.R. Academy of Sciences, Leningrad.

DENISOVA, A.S.; MAYOROV, F.P. [deceased]

Analysis of the excitation of conditioned response under the effect of a very weak stimulant. Nauch.soob. Inst.fiziol. AN SSSR no.3:35-38 '65. (MIRA 18:5)

1. Laboratoriya fiziologii i eksperimental'noy patologii vysshey nervnoy deyatel'nosti (zav. - F.P.Mayorov [deceased]) Instituta fiziologii imeni Pavlova AN SSSR.

MESSEL, Yu.A.; DENISOVA, A.T.; MALYSHEV, A.I.

Lead storage battery. Patent U.S.S.R. 77,300, Dec. 31, 1949.
(CA 47 no.19:9827 '53)

OGANDZHANOVA, S.S.; ZENTSEL'SKAYA, Ye.A.; DENISOVA, A.T.

Method of controlling the composition of black powder raw material.
TSement 19 no.6:25-26 N-D '53. (MLRA 6:12)

1. Ambrosiyevskiy tsementnyy zavod.
(Cement)

KHUVES, Ya.E.; MALIN, M.K.; DENISOVA, A.V.

Gas phase separation of fluorine during oxygen flash roasting of copper concentrates. TSvet. met. 38 no.9:31-33 S '65.
(MIRA 18:12)

MASHTAKOV, S.M.; DENISOVA, A.Z.

Variation in the structural elements of mechanical tissue in the stems of grasses induced by molybdenum. Biul. Inst. biol. AN BSSR no.3:143-145 '58. (MIRA 13:7)
(MOLYBDENUM--PHYSIOLOGICAL EFFECT) (GRASSES)

DENISOVA, A.Z.; LUPINOVICH, I.S.

Effect of gibberellic acid on the mineral nutrition of plants.
Fiziol. rast. 8 no.4:454-459 '61. (MIRA 14:11)

1. Soil Science Institute, B.S.R. Agricultural Academy, Minsk.
(Gibberellic acid)
(Plants--Assimilation)

MASHTAKOV, S.M.; DENISOVA, A.Z.; PARADOVSKAYA, Z.I.; PARSHAROVA, Z.P.

Effect of the sodium salt of 2-methyl-4-chlorophenoxyacetic acid on the nucleic acid content of corn plants. Dokl. AN BSSR 8 no.10: 677-679 O '64. (MIRA 18:3)

1. Institut eksperimental'noy botaniki i mikrobiologii AN BSSR.

KOVALEVSKAYA, I.L.; EPSHTEYN-LITVAK, R.V.; DMITRIYEVA-RAVIKOVICH, Ye.M.; KURNOSOVA, N.A.; SHCHEGLOVA, Ye.S.; FERDINAND, Ya.M.; KHOMIK, S.R.; MAKHLINOVSKIY, L.P.; PETROVA, S.S.; GOLUBOVA, Ye.Ye.; GONCHAROVA, Z.I.; SARMANEYEV, A.P.; SIZINTSEVA, V.P.; Prinimali uchastiye: MEDYUKHA, G.A.; OSOKINA, L.A.; RACHKOVSKAYA, Yu.K.; OSOVISEVA, O.I.; DEDUSENKO, A.I.; KOVALEVA, P.S.; KARASHEVICH, V.P.; CHEBOTAREVICH, N.D.; CHIGIR', T.R.; SKUL'SKAYA, S.D.; KECHETZHIYEV, B.A.; DEMINA, A.S.; ZUS'MAN, R.T.; YESAKOV, P.I.; SYSOYEVA, Z.A.; ZINOV'YEVA, I.S.; FAL'CHEVSKAYA, A.A.; DENISOVA, B.D.; TIMOFELEVA, R.G.; SYRKASOVA, A.V.; LYANTSMAN, S.G.

Reactivity and immunological and epidemiological effectiveness of alcoholic typhoid and paratyphoid fever vaccines in school children. Zhur. mikrobiol., epid. i immun. 33 no.7:72-77 Jl '62. (MIRA 17:1)

1. Iz Moskovskogo, Rostovskogo, Omskogo institutov epidemiologii i mikrobiologii, Stavropol'skogo instituta vaktsin i syvorotok i Ministerstva zdravookhraneniya RSFSR. 2. Rostovskiy institut epidemiologii i mikrobiologii (for Kovaleva). 3. Stavropol'skiy institut vaktsin i syvorotok (for Sysoyeva). 4. Kuybyshevskiy institut epidemiologii i mikrobiologii (for Zinov'yeva). 5. Saratovskaya gorodskaya sanitarno-epidemiologicheskaya stantsiya (for Lyantsman).

Country : USSR
CATEGORY :

ABS. JOUR. : RZBiol., No. 19, 1958, No. 87160

AUTHOR : Denisova, N. ...
INST. : Botanical Institute of the Academy of *
TITLE : Fatty-Oil Bearing Plants of the Crowfoot Family Occuring in the USSR

ORIG. PUB. : Tr. Botan. in-ta AN SSSR, ser. 5, 1956, No 4, 113-170

ABSTRACT : Iodine values of oils of the seeds of Ranunculaceae vary from 92 to 194 units, fluctuation amplitude of iodine values within the entire family is very large, but seed oils of individual species of any genus are closely similar. Highest iodine values are those seed-oils of members of the genus Aquilegia L., and the lowest -- those of the genus Delphinium L. The greatest amplitude of fluctuations of iodine values is found among seed-oils of the members of the genus Ranunculus L. No correlation can be established between phylogenetic kinship of individual genera and the magnitude of their iodine values. Fatty-oil bearing characteristics of seeds of any given genus vary within a relatively small range. Oil

CARD: 1/4

* Academy of Sciences USSR.

M-7

COUNTRY : USSR
CATEGORY :

ABS. JOUR. : RZBiol., No. 19, 1958, No. 87160

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : content of the seeds of the members of the individual genera does not depend on phylogenic kinship of these genera. An inverse correlation has been found to exist between average iodine value of each genus and the average oil content of the same genus. The oils encountered among the Ranunculaceae include some that are solid or of a salve-like consistency, thick fluids and liquid oils; the liquid oils predominate. Solid oils have been found only among members of the genus Paeonia. Iodine values of the seed-oils of members of most genera show a tendency of becoming higher in the south-to-north direction, and in some instances the iodine value increases by about one

CARD: 2/4

Country : USSR M-7
CATEGORY :

ABS. JOUR. : RZBiol., No. 19, 1958, No. 87160

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : unit per each geographical degree. In the altitudinal direction there is also apparent a direct correlation between magnitude of iodine value and elevation above sea level. Seed-oil of plants collected at about the same elevation, within altitudinal differences of 10-40 m, shows no difference in either its content in the seeds or the iodine value. Oils of Ranunculaceae comprise semi-drying and drying oils, but do not include any non-drying oil. Species and genera that are of greater value for a practical utilization are the following: a) genus Nigella L., the seeds of which are very rich in oil, particularly those of N. sativa L., and N. arvensis L. The oil of N. sativa L. is edible; it is possible that oil of other

CARD: 3/4

K-7

COUNTRY : USSR
CATEGORY :

ABS. JOUR. : RZBiol., No. 19, 1958, No. 87160

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : species of this genus are also edible; b) genus Aquilegia L., -- the seeds contain a high percentage of oil; c) genus Delphinium L., -- seeds have also a high content of oil; d) genus Thalictrum L., -- members of this genus occur not singly but in groups or form a heavy growth. Each plant bears a large amount of seeds. These seeds have a high content of oil and this oil has high iodine values. -- I. G. Tikhanenko.

CARD: 4/4

DENISOVA, G.A.; ZAKHAREVICH, S.F.; KIRPICHNIKOV, M.E.; KORCHAGIN, A.A.; MINYAYEV, N.A.; MISHKIN, B.A. [deceased]; MISHKINA, A.Ya. [deceased]; MURAV'YEVA, O.A.; SOKOLOVSKAYA, A.P.; FLOROVSKAYA, Ye.F.; SHISHKIN, B.K., prof.; PETROVICHEVA, O.L., red1; VODOLAGINA, S.D., tekhn.red.

[Flora of Leningrad Province] Flora Leningradskoi oblasti. Ovt. red. B.K.Shishkin. [Leningrad]. no.2: 1957. 240 p. (MIRA 11:3)

1. Leningrad. Universitet. 2. Chlen-korrespondent Akademii nauk SSSR (for Shishkin)
(Leningrad Province--Botany)

TAMAMSHYAN, S.G.; [redacted]

Morphology of embryos and seedlings of Caropodium platycarpum (Boiss. et Hausskn.) Schischk. and Echinophora trichophylla Smith [with summary in English]. Bot. zhur. 44 no.4:433-446 Ap '59.
(MIRA 12:10)

1. Botanicheskiy institut im. V.L. Komarova Akademii nauk SSSR, Leningrad.
(Caropodium) (Echinophora)

DENISOVA, G.A.; GOLUBEVA, K.I.

Some wild essential oil plants of spurs of the Fergana Range.
Trudy Bot.inst.Ser.5 no.6:217-225 '60. (MIRA 13:6)
(Fergana--Botany)
(Essences and essential oils)

DENISOVA, G.A.

Some problems in the biology of germination in Caropodium platicarpum (Boiss. et Hausskn.) Schischk. and Echinophora trichophylla Smith. Bot.zhur. 45 no.2:249-252 F '60. (MIRA 13:6)
(Caropodium) (Germination) (Echinophora)

DENISOVA, G.A.

Distribution of tanning materials in root and stem tissues of Polygonum coriarium Grig. Trudy Bot.inst.Ser. 5 no.7:233-250 '61. (MIRA 14:4)

(Knotweed) (Tanning materials)

DENISOVA, G.A.

Characteristics of the development of embryos in seeds of some plants of the carrot family. Dokl. AN SSSR 139 no.4:999-1000 Ag '61. (MIRA 14:7)

1. Botanicheskiy institut im. V.L. Komarova AN SSSR. Predstavleno akademikom V.N. Sukachevym.
(Botany--Embryology) (Ammiaceae)

DENISOVA, G.A.

Development of fruit in Archangelica decurrens Ldb. Bot. zhur. 46 no.12:1756-1765 D '61. (MIRA 15:1)

1. Botanicheskiy institut imeni V.L. Komarova AN SSSR, Leningrad.

(Angelica)
(Fruits)

DENISOVA, G.A.; DRANITSYNA, Yu.A.

Localization of coumarin compounds in the fruit of Archangelica decurrens Ledb. Dokl. AN SSSR 146 no.4:954-955 O '62. (MIRA 15:11)

1. Botanicheskiy institut im. V.L. Komarova AN SSSR. Predstavleno akademikom V.N. Sukachevym.
(Angelica) (Coumarins)

BOLOTINA, F.Ye.; GAMBARYAN, Kh.P.; DENISOVA, G.A.; DUBROVINA, L.I.; KOZHINA, I.S.; KYURKCHAN, V.N.; MAKAROVA, T.I.; PAVLOVA, U.G.; REZVETSOV, O.A.; SMIRNOVA, V.V.; SURZHIN, S.N., kand. tekhn. nauk; TAMAMSHYAN, S.G.; TRUSOVA, S.A.; FILOGRIYEVSKAYA, Z.D.; CHINENOVA, E.G.; SHISHKINA, N.N.; IL'IN, M.M., zasl. deyatel' nauki RSFSR, doktor biol. nauk prof., red.; PRITYKINA, L.A., red.; ZARSHCHIKOVA, L.N., tekhn. red.

[Spice and aromatic plants of the U.S.S.R. and their use in the food industry] Priano-aromaticheskie rasteniia SSSR i ikh ispol'zovanie v pishchevoi promyshlennosti. Moskva, Pishchepromizdat, 1963. 430 p. (MIRA 17:2)

DENISOVA, G.A.; DRANITSYNA, Yu.A.

Localization of compounds of the coumarin series in the tissues of the fruit and the root of Archangelica decurrens Ldb. Bot. zhur. 48 no.12:1830-1834 D '63. (MIRA 17:4)

1. Botanicheskiy institut imeni Komarova AN SSSR, Leningrad.

DENISOVA, G.A.

Inhibiting effect of essential oils and coumarin compounds from Archangelica decurrens Ledeb. fruit on seed germination. Rast.res. 1 no.3:425-432 '65. (MIRA 18:10)

1. Botanicheskiy institut imeni V.L.Komarova AN SSSR, Leningrad.

DENISOVA, G.I.

Effect of partial pressure of air oxygen on the modification of the properties of Str. lactis and Bact. casei. Mikrobiol.zhur. 16 no.4: 64-74 '54. (MLRA 10:1)

1. Z Institutu mikrobiologii Akademii nauk URSR.
(OXYGEN—PHYSIOLOGICAL EFFECT)
(STREPTOCOCCUS LACTIS) (LACTOBACILLUS CASEI)

DENISOVA, GALINA IVANOVNA

KUCHIN, Nikolay Dmitriyevich; MAYSHEVA, Nataliya Ivanovna; GADZHINSKAYA, Mariam Aleksandrovna; DENISOVA, Galina Ivanovna; TERPIGOREVA, V.D., otvetstvennyy redaktor; ALADOVA, Ye.I., tekhnicheskiy redaktor

English for miners. Pod red V.D. Terpigorevoi. Moskva, Ugletekhizdat, 1956. 507 p. (MIRA 10:4)
(English language--Textbooks for foreigners--Russian)
(Coal mines and mining)

DENISOVA, G. I., Candidate Agric Sci (diss) -- "The development of rational procedures for using peat fertilizers on potatoes". Minsk, 1959. 15 pp (Acad Agric Sci Belorussian SSR, Belorussian Sci Res Inst of Agric), 150 copies (KL, No 23, 1959, 169)

DENISOVA, G. I.; TURTSEVICH, L. P.

Technological flow scheme of the manufacture of potato starch tapioca on a continuous production line. Sakh. prom. 36 no.10: 66-70 O '62. (MIRA 15:10)

(Starch products)

DENISOVA, G. M. --

"Runner Formation and Rhythm of Seasonal Growth of Meadow Plants of the north Dvina Delta." Cand Biol Sci, Moscow Pedagogical Inst, Moscow, 1953 . (RZhBiol, No 3, Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

SO: Sum. No. 481, 5 May 55

DENISOVA, G.M.

Shoot formation in Trifolium medium L. Bot.zhur. 44 no.11: 1631-1632 N '59. (MIRA 13:4)

1. Kurskiy gosudarstvennyy Pedagogicheskiy institut.
(Clover)

DENISOVA, G.M.

Some characteristics of shoot formation in Poa alpina L. Bot. zhur. 45 no.10:1552-1554 O '60. (MIRA 13:11)

1. Kurskiy gosudarstvennyy pedagogicheskiy institut.
(Northern Dvina Valley--Meadow grass)
(Growth (Plants))

DENISOVA, G.M.

Tillering during the first year of life in the bent grass Agrostis alba L. var. Gigantea Mey. Bot.zhur. 48 no.7:1011-1015 Jl '63. (MIRA 16:9)

1. Moskovskiy oblastnoy pedagogicheskiy institut imeni N.K. Krupskoy.

(Bent grass)

DENISOVA, G.M.

Biology of shoot formation in some forage legumes. Biul. Glav. bot. sada no.51:81-85 '63. (MIRA 17:2)

1. Moskovskiy oblastnoy pedagogicheskiy institut imeni Krupskoy.

DENISOVA, G.M., referent

Coal and chemicals manufactured from it (from "Lect. Monogr. a. Repts, Royal Inst. Chem.," no.4, 1957). Koks i khim. no.8:60 '58. (MIRA 11:9)

(Great Britain--Coal)
(Great Britain--Coal carbonization--By-products)

DENISOVA, G.M., referent.

Heat drying of coal (from "Mining Congress Journal," 43 no.9 1957). Koks i khim. no.4:59 '58. (MIRA 11:4)
(Coal--Drying)

DENISOVA, G.M., referent

Side charged coke ovens(U.S. patent no. 2,754,981). Koks i khim. no. 7:59 '58. (MIRA 11:7)

(Coke ovens)

DENISOVA, G., referent

Dewatering of coal fines in centrifuges and bins (German Federal Republic) (from Aufbereit. - Verkok. - Brikett, Nos. 4-5, 1957). Koks i khim. no.1:63 '59. (MIRA 12:1)
(Germany, West--Coal preparation)