

DZUMATAYEV, F.S.

Investigating the harmful effect of an excess of copper sulfate.  
Tsvet. met. 30 no.4:74 Ap '57. (MIRA 10:6)

1. Belousovskaya obogatitel'naya fabrika.  
(Flotation) (Copper sulfate)

DZUMAYEV, O.M.

1. DZUMAEV, O. K.
2. USSR (600)
4. Agriculture
7. Local fertilizers of Turkmenistan, Ashkhabad, AN Turkm. SSR, 1951.

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

NAYDAN, V.M.; DZUMEDZEY, N.V.; DOMBROVSKIY, A.V.

Haloarylation of unsaturated compounds by aromatic diazo compounds.  
Part 25: Chloroarylation of vinyl chloride, 1,1-dichloro-2-  
arylethanes,  $\beta$ -chlorostyrenes, and 2-arylmethyldioxolanes.  
Zhur. org. khim. 1 no.8:1377-1383 Ag '65. (MIRA 18:11)

1. Chernovitskiy gosudarstvennyy universitet.

Dzumelja, F.

Dzumelja, F. An electronic instrument for measuring the momentum of gyration. Tr. from the German. p. 317.

Vol. 7, no. 5, 1956  
STROJNOELEKTROTECHNICKY CASOPIS  
TECHNOLOGY  
Czechoslovakia

So: East European Accessions, Vol. 6, May 1957  
No. 5

DZUMELJA, F.

"Control devices supplied from commutators."

p. 396 (Strojnoelektrotechnický časopis) Vol. 8, no. 5, 1957  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

ACCESSION NR: AT4040806

S/3099/62/000/001/0189/0196

AUTHOR: Askarov, M. A.; Dzumerkas, N. D.; Pinkhasov, S. R.

TITLE: A study of the copolymerization of acrylonitrile with esters of acrylic acid.

SOURCE: AN UzSSR. Institut khimii polimerov. Fizika i khimiya prirodnykh i sinteticheskikh polimerov, no. 1, 1962, 189-196

TOPIC TAGS: copolymerization, acrylic ester copolymer, acrylonitrile copolymer, polymer structure, polymer physical property, propylacrylate, butylacrylate, amylacrylate, polymer solubility

ABSTRACT: The authors first describe the synthesis of n-propyl, n-butyl and n-amyl acrylate by the simultaneous saponification and esterification of acrylonitrile in the presence of the appropriate alcohol,  $H_2SO_4$  and hydroquinone. After purification of both the ester and the acrylonitrile, their block copolymerization was then studied at 60C. Measured amounts of the monomers were placed into ampules with a benzoyl peroxide catalyst (0.5% by weight), sealed and placed into an oven at 60C for 32 hours. The yields were 63-91% of the theoretical. A detailed investigation of the properties of the copolymers at ratios of acrylonitrile to esters of 90:10, 75-25, 50:50, 25-75, 10:90, and 0:100 showed a consistent relationship between

Card 1/2

ACCESSION NR: AT4040806

polymer structure, properties and the ratio of the monomers. Thus, no matter which ester was used, solid yellow copolymers with high values of specific viscosity and % N but limited solubility (only in dimethylformamide) were obtained at acrylonitrile: ester ratios of 90:10 and 75:25. At ratios of 50:50 and 25:75, soft yellow polymers were obtained with lower viscosity and % N but wider solubility, and at a 10:90 ratio, a transparent viscous polymer was obtained which resembled that from the pure acrylic esters (low specific viscosity and solubility in all organic solvents tested). Orig. art. has: 4 tables and 3 chemical equations.

ASSOCIATION: Institut khimii polimerov AN UzSSR (Institute of Polymer Chemistry, AN UzSSR)

SUBMITTED: 00

ENCL: 00

SUB CODE: 0C

NO REF SOV: 000

OTHER: 010

Card 2/2

ABDURASULEVA, A.R.; DZUMERKAS, N.S.; YULDASHEV, A.M.

Alkylation of anisole with 1- and 2-methylcyclohexanols. Uzb. khim.  
zhur. 8 no.6:27-30 '64. (MIRA 18:4)

1. Tashkentskiy gosudarstvennyy universitet imeni Lenina.



~~DZIMHUR, M.~~; ZARKOVIC, G.

How to ensure an adequate and satisfactory health protection  
for the school youths in the communes. Bul sc Youg 7 no.1/2:9  
F-Ap '62.

1. Institut za higijenu i preventivnu medicinu, Medicinski  
fakultet, Sarajevo.

\*

MILOJKOVIC, Aleksandar, d-r, asist.; BROJIC, Mladen, d-r, asist.; DZUMHUR,  
Mehmed, asist.

Our experience with the interruption of advanced pregnancy by the  
instillation of NaCl. Med.arh., Sarajevo 14 no.7:59-66 Ja '61.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta u Sarajevu  
(Sef: prof. d-r M.Beric)  
(ABORTION THERAPEUTIC)

MILOJKOVIC, Aleksandar, asist., dr.; BROGIC, Mladen, asist. dr.; DZUMHUR,  
Mehmed, asist., dr.

Spontaneous rupture of the uterus in pregnancy caused by chronic  
myometritis. Med. arh. 16 no.2:53-55 '62.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta u Sarajevo  
(Sef: Prof. dr Milenko Beric) Ginekolosko-akusersko odeljenje Nastavne  
baze Medicinskog fakulteta u Zenici (Sef: Doc. dr Berislav Beric)

(UTERUS dis) (PREGNANCY compl)

5

IZUMUROV, N.

YUGOSLAVIA

T. ANGELOVSKI and N. DIMITROV, Faculty of Agriculture and Forestry  
(Poljoprivredno-sumarski fakultet), University of Skopje, and Veterinary  
Inspection (Veterinarska inspekcija) Ltd.

"Cysticercosis of pigs in Eastern Macedonia."

Belgrade, Veterinarski Glasnik, Vol 16, No 12, 1962: pp 1251-1254.

Abstract [English summary modified]: The abundant oak forests yielding unlimited acorns for feeding swine is one reason why swine breeding is so popular in Eastern Macedonia. However, hygienic conditions are poor and presence of regular toilets in villages is rarity: 46% of farms have no toilets of any kind, 52% have inadequate ones and only 2% adequate ones. Hygienic practices in meat preparation are also totally inadequate, slaughterhouse inspection is by technicians, fast and superficial; none at all for pigs slaughtered at home. There is little information on the frequency of human teniasis. Of 11,266 slaughtered pigs examined in 5 years, 516 had cysticercosis. Implications in view of export of pigs to other parts of country: general discussion, outline of remedial measures.

1/1

BELITSKIY, P., inzh.; DZURGUDAKOV, V., inzh.

Master blast-setters included in miner crews. Sov.shakht. 10  
no.4:21 Ap '61. (MIRA 14:9)  
(Kuznetsk Basin--Blasting)

DZURGUDAKOV, V.S. KONTIV, M.S.

Mining 48,100 tons of coal from the longwall in 31 workdays  
is a new record for the N.N. Usov's brigade. Ugol' 40  
no.8:18-20 Ag '66. (MIRA 18:8)

1. Normativno-issledovatel'skaya stantsiya pri shakhte  
"Fekereyachi" (for Dzurgudakov). 2. Shakhta "Zenkovskiye  
uklony" (for Kontiv).

DEURGUDAKOV, V.I.

Work practices of N.N.Ussov's brigade at the "Zenkovskiy ukhlony"  
Mins of the Frokop'evskugol' Trust. Ugol' 39 no.12:15-16 E '64.

(MIRA 18:2)

DZURIK, R.

DUCHON, J.: DZURIK, R.

Venous system and its neural regulation in congestive heart failure.  
Bratisl. lek. listy 33 no.8:561-569 1953. (CIML 25:5)

1. Of the Second Internal Clinic, Bratislava.



DZURIK, R.

HAVIAR, V.; DZURIK, R.

Vegetative dystonias in unipolar electrocardiographic leads.  
Bratisl. lek. listy 34 no.9:1011-1020 Sept 54.

1. Z II. int. klin. LFSU v Bratislave, prednosta doc. dr. V.Haviar.  
(ELECTROCARDIOGRAPHY, in various diseases,  
autonomic NS dis.)  
(AUTONOMIC NERVOUS SYSTEM, diseases,  
ECG)

DZURIK, R.J.

*Chem*

~~The determination of total phospholipides. T. R. Niederland, R. J. Dzirik, P. K. Kovacs, and J. Machova-Kalikova (Komensky Univ., Bratislava, Czech). Chem Zvesti 16, 310-13(1963)(German summary). A crit review of methods to det. the total phospholipides (in tissues) is given. The method by Fiske and Subbarow (C.A. 20,1092), modified by Stewart and Hendry (C.A. 29, 7360), is the best for the detn. of total I. To det. salts of  $H_2PO_4$ , the best method is by Tausky and Shorr (C.A. 47, 9390b). By detg. I in bare roast as fatty acids, the results were 11% lower as compared with the method of P detn. which agrees with the findings of Artem and Fishman (C.A. 37, 4446\*).~~

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*DZURIK, R.J.*

CZECHOSLOVAKIA/Human and Animal Physiology - Metabolism.

V-2

Abs Jour : Ref Zhur - Biol., No 1, 1958, 3755

Author : T.R. Niederland, P.K. Kovaks, R.J. Dzurik, L. Macho

Inst : -

Title : Determination of Fatty Acids in Biological Preparations.

Orig Pub : Lekar. obzor, 1957, 6, No 2, 65-73

Abstract : No abstract.

Card 1/1

DZURIK, R.

NIEDERLAND, T.R.; DZURIK, R.; KOVACS, P.; DORNWITZHUER, V.; HOSTYN, L.

Changes of kidney & liver lipid fractions in pyelonephritis. Cas. lek. cesk. 97 no.6-7:178-180 14 Feb 58.

1. Ustav pre vseobecnu a klinicku biochemiu, Bratislava, prednosta prof. T. R. Niederland a Ustav patologickej anatomie, prednosta prof. F. Klein.

(LIPIDS, metab.

kidney & liver in pyelonephritis in rabbits (Cz))

(KIDNEYS, metab.

lipids in pyelonephritis in rabbits (Cz))

(LIVER, metab.

same)

(PYELONEPHRITIS, metab.

lipids in kidney & liver in rabbits (Cz))

PLACHY, O.; KOVACZ, P.; ~~DEBRIK, R.~~; NIEDERLAND, T.R.

Notes on the separation of bilirubin by paper chromatography. Cas. lek. cesk. 98 no.27:842-844 3 July 59.

1. Katedra chemie FFUK, prednosta prof. L. Krasnec, III. interna klinika, prednosta prof. dr. T.R. Niederland. R.T.N., Bratislava, Hloboka 11.  
(BILIRUBIN, detera,  
chromatographic separation (Cs))

NIEDERLAND, T.R.; KOVACS, P.; DZURIK, R.; HOSTYN, L.; MARKO, P.

Dynamic changes of liver lipid fractions following the administration of massive doses of salicylates. Cas.lek.cesk. 99 no.3/4:98-101 22 Ja '60.

1. III. interna klinika lekárskej fakulty UK v Bratislave, prednosta prof.dr. T.R. Niederland. Katedra chemie-biochemia farmaceutickej fakulty UK v Bratislave, prednosta prof.dr. Ludovit Krasnec.

(LIVER metab.)

(LIPIDS metab.)

(SALICYLATES pharmacol.)

DZURIK, Rastislav, Dr.; KOLESAR, Pavel, Dr.; BRIXOVA, Eva, Dr.; NIEDERLAND,  
Teofil R., prof., Dr.

Changes of glycogen in kidneys of rats after giving them tetra-  
chloromethane. Biologia 16 no.5:381-384 '61.

1. III.interna klinika lekárskej fakulty Univerzity Komenského v  
Bratislave, Hlboka cesta 14,

(GLYCOGEN) (RATS) (CARBON TETRACHLORIDE)



BRIXOVA, Eva, dr.; KRAJCI-LAZARY, Bartolomej, dr.; DZURIK, Rastislav, dr.

Changes in concentration of lipids in the liver of rats after giving them tetrachloromethane. Biologia 16 no.7:537-540 '61.

1. III.interna klinika a Vedecke laboratorium farmakobiochemie  
lekarske fakulty University Komenskeho, Bratislava, Hlboka cesta 11.

(LIPIDS) (LIVER) (CARBON TETRACHLORIDE)

DZURIK, Rastislav; KRAJCI-LAZARY, Bartolomej

Changes in the lipids of the kidney after administration of salyrgan.  
Biologia 16 no.11:842-845 '61.

1. III. interna klinika Lekárskej fakulty Univerzity Komenského a  
Vedecké laboratórium farmakobiochemie v Bratislave.  
(KIDNEY chemistry) (LIPIDS chemistry)  
(SALYRGAN pharmacol.)

DZURIK, R.

(3)

CZECHOSLOVAKIA

ZVARA, V; JAKES, F; DZURIK, R; KALOČAJ, J.

1. Urological Clinic (Urologická klinika), Bratislava (for Jakes); 2. Third Internal Medicine Clinic (III. interní klinika), Bratislava (for all)

Bratislava, Lekarsky obzor, No 2, 1963, pp 99-105

"Chronic Renal Failure in Urological Practice."

DZURIK, Rastislav; KRAJCI-LAZARY, Bartolomej; ERIX, Mi'cs, KOREN, Karol;  
ZILAVY, Stefan.

The glucose, lactic and free fatty acids uptake by the dog  
kidneys. Biologia (Bratisl.) 19 no.3:186-191 '64.

1. From the Third Medical and First Surgical Clinics, Komen-  
sky University Medical School, Bratislava, Czechoslovakia.

\*

NIEDERLAND, T.R.; DZURIK, R.; KRACJI-LAZARY, B. Technická spolupráce:  
ONDREJKOVA, D.

Changes in the concentration of some lipid fractions in the  
kidney following chronic and chronic-intermittent administra-  
tion of silylates. Cas.lek. cesk. 103 no.15:393-395  
10 Ap'64.

1. Vedecké laboratorium farmakobiochemie Lekárskej fakulty UK  
v Bratislave; prednosta: prof.dr. T.R.Niederland, DrSc.

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I 13228-66

EWT(m)/EWP(j)

RM

ACC NR: AP6006037

SOURCE CODE: CZ/0053/65/014/004/0291/0292

AUTHOR: Dzurik, R.; Niederland, T. R.; Krajci-Lazary, B.

33

ORG: Pharmaco-Biochemical Research Laboratory, Third Clinic of Internal Medicine  
Medical Faculty, Comenius University, Bratislava (Vyskumne laboratorium  
farmakobiochemie pri III. internej klinike Lek. fak. UK)

B

TITLE: Protective effect of glucose on a lethal dose of dinitrophenol<sup>1</sup> in rats  
[This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 29 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 291-292

TOPIC TAGS: rat, pharmacology, aromatic nitro compound, drug effect, carbohydrate,  
aliphatic carboxylic acid

ABSTRACT: Glucose 3 ml 40% solution by lavage 1 hour before lethal (45 mg/Kg  
dose of DNP protected 8 out of 10 rats; sodium lactate had no such protective  
effect; thus the effect is specific rather than merely caloric, nutritive or  
energetic. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1

L 13237-66 EWT(m)/EWP(j)/EWA(c) RM

ACC NR: AP6006053

SOURCE CODE: CZ/0053/65/014/004/0299/0299

AUTHOR: Krajci-Lazary, B.; Niederland, T. R.; Dzurik, R.

ORG: none

TITLE: Uncoupling effect of 2,4-dinitrophenol<sup>7</sup> in vivo [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 26 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 299

TOPIC TAGS: biologic metabolism, drug effect, pharmacology, aromatic nitro compound, heterocyclic base compound, organic phosphorus compound, liver

ABSTRACT: DNP 20 mg /Kg lowered hepatic ATP and had pyrogenic effect; 60 mg /Kg was lethal. Main effect of either lethal or nonlethal dose was acceleration of metabolism and catabolism; lethal doses resulted in the death of the animal within one hour. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1

L 15512-66

ACC NR: AT6007472

SOURCE CODE: HU/2505/65/026/00X/0063/0063

AUTHOR: Krajci-Lazary, B.; Dzurik, R.; Niederland, T. R.

ORG: Research Laboratory of Pharmacobiochemistry, III. Department of Medicine,  
Komensky University Medical School, Bratislava

TITLE: Metabolic activity of the kidneys <sup>55</sup> [This paper was presented at the 29th Meeting of the Hungarian Physiological Society held in Szeged from 2 to 4 July 1964/

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, Supplement, 1965, 63

TOPIC TAGS: biologic metabolism, rat, dog

ABSTRACT:

It has been shown earlier that the kidneys of rats take up glucose or release it into the blood stream depending on its concentration in arterial blood. The uptake of lactic acid also depends on its level in arterial blood. Similar findings were made on dogs where the same results were also obtained with free fatty acids. The present

Card 1/2



L 15512-66

ACC NR: AT6007472

experiments were carried out to confirm the free fatty acid uptake in the rat and to compare the mutual relationship in the uptake of the compounds mentioned above. It was found that free fatty acids and their esters are taken up in rats, depending on their arterial blood concentration, similarly to dogs. An inverse relationship was found to exist between the uptake of free fatty acids and glucose. In most instances, when glucose is taken up, free fatty acids are released and vice versa. On the basis of these results it is assumed that 1) the kidney participates in the homeostasis of energy metabolism, 2) the energy needs of the kidneys are supplied by glucose or lipids according to their blood concentrations. /JPRS/

SUB CODE: 06 / SUBM DATE: none

Card 2/2

CZECHOSLOVAKIA

DZURIK, R., KRAJCI-LAZARY, B; Research Laboratory for Pharmacology at the 3rd. Internal Clinic, Medical Faculty, Comenius University (Vyskumne Laboratorium Farmakobiochemie pri III. Internej Klinike LFUK), Bratislava.

"Glycogen Metabolism in the Pulp of Adrenal Glands."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 122

Abstract: The metabolism is basically anoxidizing. The influence of epinephrine, strophanthin, hypertensin, KCN, moniodo-acetate and dinitrophenol on the metabolism of rabbit adrenal glands was investigated in vitro. Glucose utilization was increased by epinephrine, hypertensin and dinitrophenol, decreased by KCN, strophanthin and moniodoacetate. Lactate production was increased by epinephrine and dinitrophenol. No references. Submitted at "16 Days of Physiology" at Kosice, 29 Sep 65

FURDIK, Mikulas, prof., inz.; TOMA, Stefan, promovany chemik; DZURILLA, Milan, promovany chemik; SUCHY, Jan, inz., C.Sc.

Ferrocene derivatives. Part 7 : Diels-Alder reaction of the ferrocenyl fulvene and its derivatives with N-substituted maleic acid imides. Chem zvesti 16 no.10:719-740 0 '62.

1. Katedra organickej chemie a biochemie, Prírodovedecká fakulta Univerzity Komenského, Bratislava, Smeralova 2 (for Furdik, Toma and Dzurilla). 2. Oddelenie chemie prírodných látok, Chemický ústav, Slovenská akadémia vied, Bratislava, Mlynske nivy 37 (for Suchy).

FURDIK, M.; DZURILLA, M.; TOMA, S.; SUCHY, J.

Ferrocene derivatives. Pt. 9. Acta r nat Univ Com 8 pt.10 no.7:  
569-579 '64.

L 1640-66 EPF(c)/EWP(j) RM

ACCESSION NR: AP5024274

44.55  
CZ/0043/64/000/008/0607/0612

AUTHOR: Furdik, M. (Professor, Engineer)(Bratislava); Toma, S. (Toma, Sh.)  
(Graduate chemist)(Bratislava); Dzurilla, M. (Graduate chemist)(Bratislava);  
Suchy, J. (Suchy, Ya.) (Engineer, Candidate of sciences)(Bratislava)

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23  
B

44.55  
7.44.55  
TITLE: Derivatives of ferrocenes. (I). Contribution to the study of condensation of haloforms and chloral with some carbonyl derivatives of ferrocene

SOURCE: Chemicks zvesti, no. 8, 1964, 607-613

TOPIC TAGS: condensation reaction, organoiron compound

ABSTRACT: Aldolisation reaction of haloforms with ferrocene aldehyde can take place; this reaction is obstructed by the steric structure when acetyl ferrocene or 1,1'-diacetyl ferrocene are introduced to the reaction. Aldolization reaction of chloral with acetyl ferrocene and with 1,1'-diacetyl ferrocene is discussed. The reaction of Chloral with cyclo penta dienyl groups produces a plastic material. Orig. art. has: 2 figures, 2 graphs.

Card 1/2

L 1640-66

ACCESSION NR: AP5024274

6

ASSOCIATION: Furdik, Toma, Dzurilla /Katedra organickej chemie a biochemie  
Prirodovedeckej fakulty University Komenskoho, Bratislava (Department of Organic  
Chemistry and Biochemistry, Faculty of Natural Sciences, Comenius University); 44.55  
Suchy /Chemicky ustav Slovenskej akademie vied, Bratislava (Institute of Chemistry,  
Slovak Academy of Sciences)

SUBMITTED: 15Apr64

44.55

ENCL: 00

SUB CODE: 00, 00

NR REF SOV: 001

OTHER: 007

JPRS

MC  
Card 2/2

FURDIE, Milan, prof., Ing.; FURY, Stefan, prof., Ing.; FURMAN, Milan, prof.,  
chemistry; GADNY, Jan, Ing., 1970.

Ferrocene derivatives. Pt. 9. Chem. zvesti 13 no. 8: 474-483 1961.

1. Chair of Organic Chemistry and Biochemistry, Faculty of Natural  
Sciences, Comenius University, Bratislava, (Specialized for Furdie,  
Tova and Drucilla). 2. Institute of Chemistry, Slovak Academy of  
Sciences, Bratislava, Dubravská cesta (for Furdie).

DZUROSKA, P.

"Further achievements in the field of building in Slovakia."

p. 193 (Stavba) Vol. 4, no. 7, July 1957  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958



DZUROSKA, Peter, nositel Radu republiky

Technical development in the Hydrostav Bratislava National  
Enterprise. Pos. stavby 12 no. 1: 5-6 '64.

1. Podnikovy riaditel h.p. Hydrostav Bratislava.

DZUROV, G.; MILCHEV, M.

~~XXXXXXXXXXXXXXXXXXXX~~  
Case of generalized lymphogranulomatosis with involvement of  
mediastinal lymph nodes. Suvrem.med., Sofia 6 no.8:117-121 1955.

1. Iz Nauchnoissledovatel'skiiia institut po tuberkuloza - Sofia  
(direktor: dots. St.Todorov)  
(HODGKIN'S DISEASE, pathology,  
mediastinal lymph nodes)  
(LYMPH NODES, neoplasms,  
Hodgkin's dis., mediastinal)

DZUROVCIN, Stefan

Deparaffining of motor gas by adsorption on molecular sieves.  
Ropa a uhlie 4 no.12:360-363 D '62.

1. Slovnaft, n.p., Vyskumny ustav pre ropu a uhlovodikove  
plyny, Bratislava.

DZGOYEV, Uruzmag Sandroyevich; BERNSHTEYN, A.I., red.; DZUSKAYEV, K.B., red.;  
DZGOYEV, A.A., tekhn. red.

[Health resort at Karmadon] Kurort Karmadon. Ordzhonikidze, Severo-  
Osetinskoe knizhnoe izd-vo, 1961. 175 p. (MIRA 14:8)  
(OSSETIA—HEALTH RESORTS, WATERING PLACES, ETC.)

CHIBIROV, Khristofof Tadeozovich; GUSALOV, Nikolay Aleksandrovich; DZUSKAYEV, K.B., red.; DATRIYEVA, Ye.U., tekhn. red.

[Northern Ossetia in the seven-year plan] Severnaia Osetia v semi-  
letke. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1960. 36 p.  
(MIRA 14:12)

(Ossetia--Economic conditions)

CHEKAYEV, M.; DZUSOV, B.

Efficiency expert IUrii Selivanov. Sov.profsoiusy 8 no.2:49  
Ja '60. (MIRA 13:2)  
(Efficiency, Industrial) (Automatic control)

KARASIK, G.Ye.; MIRONICHEV, V.; YEGOROV, I.; BATYROV, R.; DZUSOV, B.;  
VAKHRAMEYEV, A.

In the oil regions of our country. Neftianik 6 no.1:30-33 Ja '61.

(MIRA 14:4)

(Petroleum industry)

DZUSOV, Ibragim Magometovich, Geroy Sovetskogo Soyuza; BOGAZOV, U.A.,  
red.; DZGOYEV, A.A., tekhn.red.

[In the family of the courageous] V sem'e otvazhnykh.  
Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1960. 104 p.  
(MIRA 14:4)

(World War, 1939-1945--Aerial operations]



GRIGOR'EV, N. Kh. (Candidate of Veterinary Sciences, Scientific Research Veterinary Station)  
KARDUMYAN, M. T. (Chief Veterinary Surgeon) and DZUSOV, T. Kh. (Chief Zootechnician,  
Ermolovsk Poultry State Farm, Chechen-Ingush ASSR)

"Chemical prophylaxis of avian ascariasis and Heterakis infection"

Veterinariya, vol. 39, no. 7, July 1962, pp. 51

GRIGOR'YEV, N.Kh., kand. veterin. nauk; KARDONYAN, N.S.; LEBOV, T.Kh.

Chemical prevention of ascariasis and Heterakis infestation in hens.  
Veterinariia 39 no.7:51-52 J1 '62. (MIRA 18:1)

1. Nauchno-issledovatel'skaya veterinarnaya stantsiya, Yermolovskiy  
ptitsosovkhoz Checheno-Ingushskaya ASSR (for Gruzia). 2. Glavnyy  
veterinarnyy vrach Yermolovskogo ptitsosovkhoha Checheno-Ingushskoy  
ASSR (for Gruzia). 3. Glavnyy nauchnyy kabinet ptitsosovkhoza  
Checheno-Ingushskoy ASSR (for Gruzia).

POMOSOV, D.V., kand.med.nauk; FILIN, B.I., kand.med.nauk; DZUTSEV, K.K.,  
vrach

Positive and negative aspects of local potentiated anesthesia.  
Kaz.med.zhur. 40 no.5:35-39 S-O '59. (MIRA 13:7)

1. Iz Kliniki obshchey khirurgii (nachal'nik - prof. V.I. Popov)  
Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.  
(LOCAL ANESTHESIA)

TEYMAN, N.S., podpolkovnik med. sluzhby; DZUTSEY, N.K., kapitan med. sluzhby

Use of potentiated anesthesia in a hospital. Voen. med. zhur. no.2:  
70-72 F '59. (MIRA 12:7)

(ANESTHESIA

potentiated, in military hosp. (Rus))

(MEDICINE, MILITARY AND NAVAL

potentiated anesth. in military hosp. (Rus))

DZUTSEV, N.K., kapitan meditsinskoy sluzhby; SVERDLOV, A.G., podpolkovnik  
meditsinskoy sluzhby

Medical factors contributing to night firing. Voen.-med.shur.  
no.12:65-66 '59. (MIRA 14:1)

(VITAMINS--A)

(SHOOTING, MILITARY)

KOTOMKINA, A.I.; KIRILLOV, V.P.; DZUTSEVA, A.V.

Exhibitions and displays of special items. Inform. biul.  
VDNKH no.8:11-12 Ag '63. (MIRA 17:8)

1. Glavnyy inzh.-metodist pavil'ona "Toplivnaya promyshlennosti i geologiya" na Vystavke dostizheniy narodnogo khozyaystva SSSR (for Kotomkina). 2. Glavnyy inzh. i glavnyy metodist pavil'ona "Lesnoye khozyaystvo, lesnaya i derevoobrabatyvayushchaya promyshlennost'" na Vystavke dostizheniy narodnogo khozyaystva SSSR (for Kirillov). 3. Glavnyy metodist ob'yedinennogo pavil'ona "Pishchevaya promyshlennost" na Vistavke dostizheniy narodnogo khozyaystva SSSR (for Dzutseva).

LIBOV, A.S. (Leningrad, ul. Lebedeva, d.4/2, kv.28); KROKHALEV, Yu.S.;  
LOPATIN, V.A.; DZUTSOV, N.K.

Use of hypothermia in cerebral edema after an operation on the  
heart with artificial blood circulation. Vest.khir. no.5:78-81  
'62. (MIRA 15:11)

1. Iz 1-y khirurgicheskoy kliniki usovershenstvovaniya vrachey  
(nach. - prof. P.A. Kupriyanov) Voenno-meditsinskoy ordena Lenina  
akademii im. S.M. Kirova.

(BRAIN—DISEASES) (HEART—SURGERY) (HYPOTHERMIA)  
(EDEMA)

BAI YUZEK, F.V.; BURMISTROV, M.I.; DZUTSOV, N.K.; YERMILOV, H.I.; KARIMOVA,  
T.V.; SKORIK, V.I.; UVAROV, B.S.; SHANIH, Yu N.; SHAMARINA, T.N.

Artificial circulation in surgery of the heart and large vessels.  
Grud.khir. no.4:33-39 JI-Ag '62. (MIRA 15:10)

1. Iz kliniki khirurgii usovershenstvovaniya vrachey No. 1 (nach. -  
deystvitel'nyy chlen AMN SSSR prof. N.A.Kupriyanov) Vcyenno-  
meditsinskoy akademii imeni S.M.Kirova. Adres avtorov: Leningrad,  
K-9, pr. K.Marksa, d. 5/20 Khirurgicheskaya klinika dlya  
usovershenstvovaniya vrachey No. 1.

(HEART—SURGERY)  
(PERFUSION PUMP (HEART))



KOLOTILOVA, A.I.; KOROVKIN, B.F.; LYZLOVA, S.N.; VAGNER, V.K.; VASILENKO,  
E.T.; DZUTSOV, N.K.

Free ribonucleotides and the activity of some enzymes of the  
pentose phosphate cycle in the heart muscle in experimental  
myocardial infarction. Biokhimiia 28 no.1:113-121 Ja-F '63.  
(MIRA 16:4)

1. Chair of Biochemistry, State University, and Biochemical  
Laboratory, District Military Hospital, Leningrad.  
(HEART--INFARCTION) (NUCLEOTIDES)  
(PENTOSE PHOSPHATES)

SKORIK, V.I.; BALLYUZEK, F.V.; DZUTSOV, N.K.; KARIMOVA, T.V.

Some characteristics of artificial blood circulation. Pat. fiziol.  
i eksp. terap. no.2:39-45 '64. (MIRA 17:9)

1. Nauchno-issledovatel'skaya laboratoriya iskusstvennogo krovoobra-  
shcheniya pri klinike khirurgii usovershenstvovaniya vrachey No.1  
(nachal'nik - deystvitel'nyy chlen AMN SSSR prof. P. A. Kupriyanov  
[deceased]) Voyenno-meditsinskoy ordena Lenina akademii imeni  
Kirova, Leningrad.

DZU-YNJAN, N.

C. // Phosphatides in serum-protein fractions obtained by salting out and by methanol-precipitation. J. Dlugyfska, W. Bartolowicz, and E. Czapla (Case Inst. Dermatol. and Venerol. Warsaw). *Bull. Acad. Polon. Ser. Classe II. 4, 27-30 (1955)* (in English). A quick and simple method for the estd. of phosphatides (I) in protein fractions is the salting out method (II) after Kibrick and Blonstein (C.A. 43, 4316f) or the MeOH pptn. method (III) after Pillemer and Hutchinson (C.A. 39, 2770f). I were sepd. from the salted-out protein fraction as well as from the protein fraction pptd. by MeOH, by extn. with anhyd. EtOH for 24 hrs. The exts. were concd., transferred to a Kjeldahl flask, completely evapd., and digested. The P content was detd. by the method of Fiske and SubbaRow (C.A. 20, 1092-3). The globulins obtained by II contained 3.1% I whereas those of III contained 3.5% I. Albumins contained 2.6% and 2.4%, resp. Among globulin proteins obtained by II the highest % of I was shown by  $\alpha$ -globulins (6.2%); a much lower % was found in  $\beta$ -globulins (2.2%), and the smallest content of I was in the  $\gamma$ -globulins (1%).

(2)

Seymour Hartman

DEYAK, M. E.

Forests and Forestry

Caring for young trees in a dense forest by girdling and thinning. Les. khoz. No. 5  
1952.

9. Monthly List of Russian Accessions, Library of Congress, August <sup>2</sup> 1953, Uncl.

DZUVARLY, Ch.M.; BAGIROV, M.A.

Possibility of the electrothermal treatment of oil strata. Izv.AN  
Azerb.SSR,Ser.Fiz-tekh. i khim.nauk. no.1:117-123 '58.

(MIRA 12:3)

(Secondary recovery of oil)

DZUVARLY, Gingiz Mechtijevic [Dzhuvarly, Chingiz Mekhtiyevich], prof.,  
doktor technickych ved; MAMEDJAROV, Orchan Samedovic [Mamedyarov,  
Orkhan Samedovich], kandidat technickych ved

Problem of economical output distribution in the different vol-  
tage parallel networks by means of additional transformers.  
El tech obzor 53 no. 1: 8-13 Ja'64.

1. Energeticky ustav Akademie Nauk Azerbajdzanske SSR.

DZVELAYA, M. F.

New data on the Tarkhan horizon of Mingrelia. Dokl. AN SSSR, 85, No 5, 1952.

DZVELAYA, M.F.; MIRONOV, S.I., akademik.

The Tarkhan horizon in Abkhazia and its stratigraphic division. Dokl. AN  
SSSR 92 no. 4: 811-813 0 '53. (MLRA 6:9)

1. Akademiya nauk SSSR (for Mironov).  
(Abkhazia--Geology, Stratigraphic) (Geology, Stratigraphic--Abkhazia)



DZVELAYA, M.F.; MAGLAPERIDZE, K.S.

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New data on the Guria strata of western Georgia. Dokl. AN SSSR 96 no.1:  
155-157 My '54. (MLRA 7:5)

1. Predstavleno akademikom S.I. Mironovym.  
(Guria--Geology, Stratigraphic) (Geology, Stratigraphic--  
Guria)

DZVELAYA, M.F.

Subterranean landslides and caving-in in the Upper Miocene in Western  
Georgia. Dokl. AN SSSR 96 no.3:593-596 My '54. (MLRA 7:6)

1. Predstavleno akademikom N.M. Strakhovym.  
(Georgia--Geology, Stratigraphic) (Geology, Stratigraphic--Georgia)

USSR/Miscellaneous - Health resorts

Card 1/1      Pub. 8b - 23/40

Authors      : Dzvelaya, M. F. Cand. of Geolog. Mineral. Sc.

Title        : ~~.....~~  
The salubrious sources of the Mergelia region

Periodical   : Priroda 3, 105-106, Mar 1954

Abstract     : A list is given of the many health resort points, situated in the Mergelia region in southern Georgia, USSR. Map of the Mergelia region is included.

Institution   : .....

Submitted    : .....

Dzvelaya, M. F.

USER/ Geology

Card 1/1      Pub. 22 - 38/54

Authors      : Dzvelaya, M. F.

Title         : About the middle Oligocene epoch of Guriya

Periodical   : Dok. AN SSSR 106/2, 317-319, Jan 11, 1956

Abstract     : Geological data are presented on the middle Oligocene deposits discovered in the Guriya section of western Georgia, USSR. Six USSR references (1937-1949).

Institution : .....

Presented by: Academician N. M. Strakhov, August 4, 1955

DZVELAYA, M.F.

~~On the Karangat strata of the maritime zone of the Colchis lowland.~~  
Dokl. AN SSSR 106 no.3:514-515 Ja '56. (MLRA 9:6)

1. Predstavleno akademikom N.M. Strakhovym.  
(Colchis--Geology, Stratigraphic)

DZVELAYA, M.F.

A case of oil occurrence in igneous rocks. Azerb. neft. khoz. 37  
no.5:12-14 My '58. (MIRA 11:8)  
(Guriya--Petroleum geology)

AUTHOR:

Dzvelaya, M. F.

SOV/2c-120-4-49/67

TITLE:

New Data Concerning Paleocenic Strata in the Adzhar-Imeritian Mountain Range (Novyye dannyye o paleotsenovykh sloyakh Adzharo-Imeretinskogo khrebta)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol. 120, Nr 4, pp.866-868 (USSR)

ABSTRACT:

The entire south border of West Georgia (Gruziya) is taken up by a complicated system of corrugated mountains, which are mentioned in the title. This chain reaches up to 2500 m, that is to say the zone of alpine meadows. A precise determination of the tuffaceous mass, which is widely distributed in its area, here reaching a thickness of up to 2000 m, is of great importance for giving the geological history of this chain. It was found to be of Paleocenic age (Refs 11, 13) which was substantiated later on (Refs 4, 5, 7, 14). For reasons unknown it was classified by some geologists as Lower and Middle Eocene. This view cannot be supported. In order to eliminate further discussion, the author decided to substantiate the Paleocenic age of this huge geological formation by supplementary data. The author studied the most complete cross-section

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SOV/20-120-4-49/67

New Data Concerning Paleocenic Strata in the Adzhar-Imeritian Mountain Range

tions in the ridge part of the chain and at the northern slope. A faunal and a lithological characteristic is given (the latter according to T. M. Shatirishvili). No fauna remains were found in the mass as yet. From the evidence compiled the author draws the conclusion that the entire region of West Georgia was covered by ocean unto the southern slope of the Caucasus (Kavkaz) in the Paleocenic Age. Differentiated physical and geographical conditions were probably prevalent in this region. Together with terrigenous material products of the submarine volcanic eruptions were deposited at the lower slope of the chain mentioned in the title, of which tuffaceous rocks give evidence. In the northern part of the water sedimentation proceeded under more steady conditions. Here, on the whole gray calcareous rocks with embedded splinters of shells were deposited. The conditions in the southern part of the Paleocenic Sea were unfavorable to organic life because of an intensive volcanic activity. At the same time, living conditions of marine organisms were normal in the northern and central part of this basin. Submarine earth slides were interesting, which occurred in the southern and in the northern part of the basin. There are 14 references, 13 of which are Soviet.

Card 2/3



SOV/20-120-4-49/67  
New Data Concerning Paleocene Strata in the Adzhar-Imeritian Mountain Range

PRESENTED: February 19, 1958, by N. M. Strakhov, Member, Academy of Sciences, USSR

SUBMITTED: January 24, 1957

1. Mountains--Geology 2. Geophysics--USSR 3. Geological time  
--Determination 4. Paleocology

Card 3/3

AUTHOR: Dzvelaya, M. F. SOV/20-121-4-37/54

TITLE: New Data on the Oligocene Beds of the Northern Slope of the Adzharo-Imeretinskiy Range (Novyye dannyye ob oligotsenovykh sloyakh severnogo sklona Adzharo-Imeretinskogo khrebtta)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 121, Nr 4, pp. 709 - 711 (USSR)

ABSTRACT: On the slope mentioned in the title dark-grey oligocene loams occur in broad strata in heights from 60 - 170 m between the Dzirul'skiy and Sadzhavakhoyskiy meridians. In some cases their occurrence is due to tectonical causes, in other places these strata occur in normal **outcrop** and are a part of the mono-, syn-, and anticlinal structures. The problem of stratigraphical divisions of the mentioned region has hitherto not been investigated. In 1954 - 1955 the author investigated these strata. The upper Eocene is represented by marl along the northern foot of the mentioned **ridge**. Oligocene strata are deposited on top of it. The exposure in the **basins** of the rivers Dzhoboura (village of Kvaliti), Adzhamura (village of Kldieti),

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New Data on the Oligocene Beds of the Northern Slope  
of the Adzharo-Imeretinskiy Range

SOV/20-121-4-37/54

Khanistskhali (village of Mayakovski) and others may be investigated in detail with respect to their stratigraphy. The first strata of the Lower Oligocene are thin, schistic and carbonate dark-grey loams (Khadumskiy horizon, Ref 3). Their height is 60 m altogether. Fish remnants of Serranus budensis were determined by P.G.Danil'chenko. Therefore the rocks may be regarded as an equivalent of the strata occurring in the northern Caucasus (Severnnyy Kavkaz). Above the Khadumskiy strata fine schistose loams of the Maykopskaya suite are deposited belonging to the Middle and Upper (?) Oligocene; they are probably in angular disconformity. The rising cross-section of the Oligocene strata is interrupted to the Miocene (Chokrak) in consequence of an intensive erosion. Only small parts of sandstones and loams up to a height of 27 m have been preserved near the villages of Kvaliti and Svir'. Based upon the results obtained the author believes that a rising of the mainland in the second half of the Paleogene in southern Guriya (Yuzhnaya Guriya) during Oligocene lead to a restriction of the sea. It remained only over Guriya and the main part of the slope mentioned in

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New Data on the Oligocene Beds of the Northern Slope  
of the Adzharo-Imeretinskiy Range  
the title.

SOV/20-121-4-37/54

It appears that the inland sea was connected by the channels with the Akhaltsikhskaya basin in the South, and in the North it was connected with the sea which covered the whole territory of what is now Megrelia and Abkhaziya. Organic remnants indicate that the flora was luxurious and that the climate was subtropic, similar to that encountered today on the southwestern coast of the Black Sea. In conclusion it is stated that deposits of oil and lignite associated with this stage of geologic development were found in this region. There are 5 references, all of which are Soviet.

PRESENTED: April 14, 1958, by S.I. Mironov, Member, Academy of Sciences, USSR

SUBMITTED: April 10, 1958

Card 3/3

DZVELAYA, M.F.

Geostructural regionalization of oil- and gas-bearing areas in  
western Georgia. Trudy VNIGNI no. 10:201-207 '58. (MIRA 14:5)  
(Georgia—Geology, Structural)

DZVELAYA, M.F.

Prospects for finding oil and gas in Guriya. Trudy VNIGNI  
no.15:79-93 '59. (MIRA 14:6)

(Guriya—Petroleum geology)  
(Guriya—Gas, Natural—Geology)

3(0)

SOV/20-125-3-39/63

AUTHOR:

Dzvelaya, M. F.

TITLE:

The Geologic Structure of the Kolkhidskaya Lowland  
(Geologicheskoye stroyeniye Kolkhidskoy nizmennosti)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 3, pp 604-607  
(USSR)

ABSTRACT:

The Kolkhidskaya Lowland (elevation 0.5 to 40 m) is situated along a coastal stretch of Georgia. In recent years much geologic information has been collected as a result of oil prospecting and investigation. This paper reports these findings. G. M. Dvali, L. P. Kuchava, and G. S. Makasarashvili took part in the drilling. Generalizations were made by A. G. Laliyev, D. Yu. Papava, Ye. K. Vakhaniya, and G. N. Nikuradze. Mrs T. M. Shatirishvili determined the petrographic character of the Cretaceous rocks. The geologic mapping of the lowland border was done by I. M. Tsulukidze, K. S. Maglaperidze, R. S. Pirtskhalava and others. The deepest boring reached 3300 m, and the oldest stratigraphic entity encountered (1250-3205 m deep) belongs to the lower Cretaceous (600 m thick). According to the fauna (macrofauna determined by M. S. Eristavi; microfauna by Z. A.

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The Geologic Structure of the Kolkhidskaya Lowland

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Imnadze) these grey, marly loams and limestones belong to the Valanginian, Barremian, as well as to the Aptian and Albian. Lithologic characteristics of each individual stage are given. Above the Lower Cretaceous lie bedded, grey limestones and sandstones of the upper Cretaceous (total thickness 550 m). Their lower part consists of Turonian age rocks; the upper part is synchronous with the Senonian. In the eastern part of the Lowland (region of Kvaloni village and others) a 120 m thick volcanic mass occurs in the Upper Cretaceous sedimentary rocks (analogous to the Mtavari Suite, Turonian). The limestone of the Upper Cretaceous is overlain by a breccia-like limestone (up to 40 m thick). The whole mass may correspond to the Danian and Paleocene. For this latter mass the individual stratigraphic entities cannot be determined from the cores. Above the Paleocene are grey limestones, green marls and sandstone of the Eocene (up to 150 m thick), and concordantly upon these lies the Khadumskiye loam (up to 10 m thick). Above this is the fish-bearing, dark grey Maykop loam (many meters thick). Above this the profile is interrupted by an erosion hiatus. Still higher occur rocks of different ages which in the middle strip of the lowlands can be divided into eastern and western parts.

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The Geologic Structure of the Kolkhidskaya Lowland

SOV/20-125-3-39/63

They extend in time from Maykop to Postpliocene. All the mentioned beds were more or less folded in Post Cretaceous and Postpliocene time. The younger the beds the less disturbed they are. These geotectonic movements created many steep and flat structures which extend beyond the area in question. These structures are described. The tectonic characteristics were confirmed by gravimetric (B. K. Balavadze, M. S. Abakeliya, and others) and seismic (G. M. Prangishvili, G. K. Tvaltvadze, M. K. Ayzenberg, and others) studies. The characteristic dislocations could be formed by a large deep-lying resistant mass (V. P. Rengarten, B. F. Meffert, and A. I. Dzhanelidze represent this view).

PRESENTED: November 3, 1958, by S. I. Mironov, Academician

SUBMITTED: January 21, 1957

Card 3/3

VASIL'YEV, V.G.; GRACHEV, G.I.; NEVOLIN, N.V.; OZERSKAYA, M.L.; PODOBA, N.V. Prinsipialni uchastiye: ALEKSEYCHIK, S.N.; GUSHKOVICH, S.N.; DIKENSHTEYN, G.Kh.; DZVELAYA, M.F.; DRABKIN, I.Ye.; IVANOVA, M.N.; KAZARINOV, V.P.; KALININA, V.V.; KOZLENKO, S.P.; MEDVEDEV, V.Ya.; PUSTIL'NIKOV, M.R.; ROSTOVTSSEV, N.N.; SKOBLIKOVA, G.I.; STEPANOV, P.P.; TITOV, V.A.; FOTIADI, E.E.; CHIRVINSKAYA, M.V.; SHMAROVA, V.P. GRATSIANOVA, O.P., red.; BEKMAN, Yu.K., vedushchiy red.; MUKHINA, E.A., tekhn.red.

[Manual for geophysicists in four volumes] Spravochnik geofizika v chetyrekh tomakh. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gornotoplivnoi lit-ry. Vol.1. [Stratigraphy, lithology, tectonics, and physical properties of rocks] Stratigrafia, litologiya, tektonika i fizicheskie svoystva gornyykh porod. Pod red. O.P. Gratsianovoi. 1960. 636 p. (MIRA 14:1)  
(Petroleum geology) (Gas, Natural---Geology)

EBERZIN, A.G.; DZVELAYA, M.F.

Analogue of Bosphorinan strata of Kamysh-Burun in  
Guria. Dokl. AN SSSR 146 no.4:890-892 0 '62. (MIRA 15:11)

1. Institut paleontologii AN SSSR i Institut  
paleobiologii AN Gruzinskoy SSR. Predstavleno akademikom  
D.V. Nalivkinym.

(Guria--Geology, Stratigraphic)

DZVELAYA, S.D.; ABRAMOV, S.A., kand. tekhn.nauk, nauch. red.;  
MILIKESOVA, I.F., tekhn. red.

[Strengthening the superstructure of logging railroad tracks] Usilenie verkhnego stroeniia puti lesovoznykh zheleznykh dorog. Moskva, TSentr. in-t tekhn. informatsii i ekon. issledovaniia po lesnoi, bumazhnoi i derevoobrabatvyvaiushchei promyshl., 1963. 21 p. (MIRA 17:3)

L 39718-66 EWT(m)/EWF(j)/T RM/GD-2

ACC NR: AF6007969

(A)

SOURCE CODE: UR/0191/66/000/003/0036/0031

AUTHOR: Turetskaya, R. A.; Golubtsov, S. A.; Dzvonar', V. G.12  
11  
B

ORG: none

TITLE: Synthesis of triphenylchlorosilane from silicon tetrachloride and phenylsodiumSOURCE: Plasticheskiye massy, no. 3, 1966, 36-37

TOPIC TAGS: organic synthetic process, silicon compound, organosilicon compound

ABSTRACT: Tetraphenylsilane was prepared from silicon tetrachloride and phenylsodium by the known reaction (Pallis, Ber. 18, 1514, 1885). The authors studied the possibility of preparing triphenylchlorosilane from these reagents. By a thorough purification of benzene chloride and the solvent (by a treatment with calcium hydride, phosphorus pentoxide, and subsequently with  $H_2SO_4$ ) a 82-91% yield of phenylsodium was obtained from benzene chloride and sodium in toluene solution. Phenyl sodium was transferred to a mixing flask containing 33 wt.%  $SiCl_4$  in toluene. After 1 hr of mixing, the reaction mixture was filtered in a  $N_2$  atmosphere and fractionally distilled at  $\leq 90$ , 90-170, 170-180, 180-220, 220-237, and 237-250C. A 70-74% yield of triphenylchlorosilane was obtained in fractions at 220-250C. Tetraphenylsilane (9-14%) and diphenyl-dichlorosilane (6-8%) were among the reaction products. The residue still contained 3.2% chlorine. A change of temperature from -30 to +20C did not affect the yield.

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UDC: 546.281

I, 39718-66

ACC NR: AP6007969

The highest yield was obtained when using the 3:1 ratio of  $C_6H_5Cl:SiCl_4$ . The authors thank S. S. Churanova for advice. Orig. art. has: 1 fig.

SUB CODE: 07/ SUBM DATE: none/ OTH REF: 009

Card

2/2/1 <

DZVONIK, Juraj, inz.

Improving the prevention of accidents by complex analysis of  
accident rates. Rudy 11 no.6:181-184 Je '63.

1. Slovenske magnetitove zavody, zavod Jelsava.

DZVONIK, Juraj, inz.

Roof bolting for magnesite mines. Pudy 12 no.9:347-354 S '64.

1. Slovenske magnezitove z vody, Jelsava.



LAMPE, Laszlo, dr. KERTESZ, Laszlo, dr.; DZVONYAR, Janos, dr.

Iodine storage in the thyroid gland of the human fetus.  
Orv. hetil. 105 no.21:981-983 24 My'64

1. Debreceni Orvostudományi Egyetem, Szülészeti-Nőgyógyászati Klinika, MTA, Atommagkutató Intézet.

\*

BAC, Kazimierz, inz.; DZWONIK, Ryzard, inz.; GORZYNSKI, Slawomir, mgr  
inz.; MIESZCZAK, Stanislaw, mgr inz.

Five years of activities of the Office for Radio and Tele-  
vision Studies and Designing in Warsaw. Przegł telekom 36  
[i.e. 37] no. 4:106-113 Ap '64.

DZWONKOWSKI, JAN

Neuromas in the thoracic cavity. Polski przegl. chir. 33 no.4:323-328 '61.

1. Z II Kliniki Chirurgicznej A.M. w Poznaniu Kierownik: prof. dr R.Drewn.

(THORAX neopl)

(NEUROMA surg)

DZWONKOWSKI, Jan

A giant neuroma of the retroperitoneal space. Polski przegl. chir. 34  
no.4:315-318 '62.

1. Z II Kliniki Chirurgicznej AM w Poznaniu Kierownik: prof. dr  
R. Drows.

(RETROPERITONEAL SPACE neopl) (NEUROMA case reports)

DZWONKOWSKI, Jan

Lithiasis of the common bile duct (choledocholithiasis). Poznan.  
tow. przyjac. nauk wydz. lek. 26:61-100 '63./

(COMMON BILE DUCT CALCULI)

FIBAK, Jan; ~~DZWONKOWSKI, Jan~~

Pulmonary ventilation by external heart massage. Pol. tyg. lek.  
19 no.22:823-826 25 My'64

1. Z II Kliniki Chirurgicznej Akademii Medycznej w Poznaniu;  
kierownik: prof. dr. Roman Drewns.

DZWONKOWSKI, Jan

Common bile duct calculi. Pol. przegl. chir. 36 no.5:  
665-672 My '64.

1. Z II Kliniki Chirurgicznej Akademii Medycznej w Poznaniu  
(Kierownik: prof. dr R. Drews).

DZWONKOWSKI, Kazimierz (Warszawa); KOZINSKI, Wieslaw (Warszawa);  
WISLICKI, Alfred (Warszawa)

Mechanization of finishing works. Przegl budowl i bud  
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