"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

Young Innovators in Estonia 29-4-18/20

on the excavator by which the amount of 200000 Rubel was saved to the factory. The electrician Genrikh Kauk improved the design of the reversingswitch of the excavator. The Engine-Factory-Works in Tallin came out victor from the socialist competition and were awarded the Challenge Cup the Red Banner VTsSPS. A young worker, Paul' Toome works at the work-bench in the model hall. He designed a great number of complicated models. Last year he made 9 valuable proposals and was awarded 1000 Rubel at the competition of young rationalizers. The well-known turner Leo Raun works in the mechanical workshop. He too, is a winner of the competition. He alterated the design of the 4-cam-mounting of the lathe. The factory for constructing machines in Tallin has a book of honor in which the names of young workers are recorded who, however, must have worked for at least 3 years in the factory, and who must have distinguished themselves both in working- and public life and who contributed to the further technical progress of the works. There is 1 figure.

AVAILABLE: Library of Congress

Card 2/2 1. Agriculture-Equipment 2. Earth moving equipment-Manufacture
3. Industry-USSR

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"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKAYA, M.

A poet of glass. Izobr.i rats. no.10:26-29 0'60. (MIRA 13:10)
(Kitaigorodskii, Isaak Il'ich, 1888-)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKAYA, M., inzh.

Silica rubber for footwear. Tekh.mol. 29 no.8:38 '61.(MIRA 14:11)
(Boots and shoes, Rubber)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKAYA, M. (Angarsk, Irkutskoy obl.)

Conscience of the collective. Okhr.truda i sots.strakh. 5 no.12:13-14 D '62. (MIRA 16:2)
(Angarsk--Petroleum industry--Hygienic aspects)

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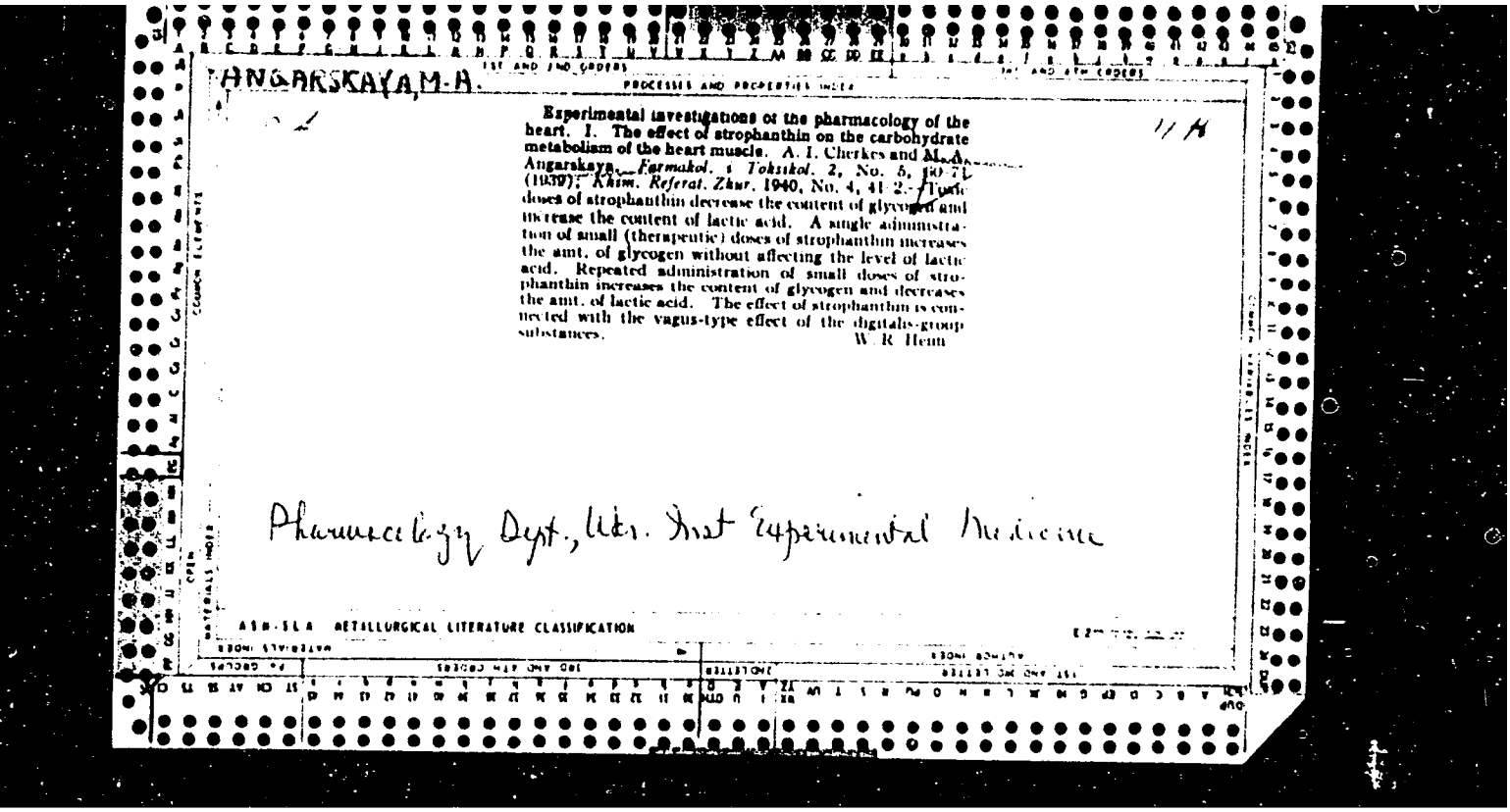
"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9



ANGARSKAYA, M. A.

Experimental investigations on the pharmacology of the heart. I. The effect of strophanthin on the carbohydrate metabolism of the heart muscle. A. I. Cherkes and M. A. Angarskaya. *Farmakol. i Toksikol.* 2, No. 5, 30-71 (1939); *Khim. Referat. Zhur.* 1940, No. 4, 41-2. Toxic doses of strophanthin decrease the content of glycogen and increase the content of lactic acid. A single administration of small (therapeutic) doses of strophanthin increases the amt. of glycogen without affecting the level of lactic acid. Repeated administration of small doses of strophanthin increases the content of glycogen and decreases the amt. of lactic acid. The effect of strophanthin is connected with the vagus-type effect of the digitalis-group substances.
W. R. Heim

Pharmacology Dept., Ukr. Inst. Experimental Medicine

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

GELLEROVA, A. A.: ANGARSKAYA, M. A. dotsent, direktor.

Preparation of stable 5% solution of ascorbic acid in ampules. Apt. delo 2 no.2:33-38 Mr-Ap '53. (MLRA 6:5)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut.
(CA 47 no.16:8319 '53)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

BUGRIM, N.A.; NOSOVITSKAYA, S.A.; ANGARSKAYA, M.A., dotsent, direktor.

Saponins in roots of Polemonium coeruleum L. Apt.delo 2 no.2:45-47 Mr-Ap '53. (MLRA 6:5)

1. Laboratoriya farmatsevticheskoy tekhnologii Khar'kovskogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta.
(Saponins) (Polemonium)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ONITSEV, P.I.; ANGARSKAYA, M.A., dotsent, direktor.

Period for collecting Periploca. Apt.delo 2 no.2:51-52 Mr-Ap '53.
(MLRA 6:5)

1. Farmakologicheskaya laboratoriya Khar'kovskogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta. (Glycosides) (Periploca)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

TERPILO, N.I.; ANGARSKAYA, M.A., direktor.

Microscopic study of the dynamics of extraction of alkaloids from the tissues of the belladonna plant. Aptech.delo no.4:27-30 Jl-Ag '58.
(MLRA 6:8)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut.
(Belladonna)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

RUDENKO, A.I.; KHARCHENKO, N.S., professor, zaveduyushchiy; ANGARSKAYA, M.A., dotsent, direktor.

Pharmacology of an Indian hemp species with leaves of St. John's wort type. Farm.i toks. 16 no.2:36-40 Mr-Ap '53. (MLRA 6:6)

1. Kafedra farmakologii Khar'kovskogo meditsinskogo instituta (for Rudenko and Kharchenko). 2. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut (for Rudenko and Angarskaya).

(Cannabis indica)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKAYA, M. A.

Chemical Abst.
Vol. 48
A pr. 10, 1954
Biological Chemistry

Pharmacological study of cardiac glycosides from Caucasian and red hellebore. M. A. Angarskaya, Ya. I. Khadzhai, and G. N. Maksimenko (Sci. Research Chem.-Pharm. Inst., Kharkov). *Farmakol. i Toksikol.* 16, No. 5, 46–9 (1953).—Cryst. glycosides from *Helleborus caucasicus* and *H. purpurascens* are the most active cardiac glycosides now known. They act faster than would be expected from their strophanthin-like properties. They rank with digitoxin and strophanthin as cardiac drugs. Julian F. Smith

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKAYA, M.A., SOKOLOVA, V. Ye. & KHADZHAI, Ya. I. (Kharkov)

"Comparative Pharmacological Properties of Certain New Cardiac Glucosides"

"Influence of Cardiac Glucosides (Strophantin, Korglikon and Korelborin-K) upon the Speed of Change of Phosphorous Compounds in the Animal Organism".
Papers given at Pharmacological Conference in Ryazan, 17-19 June 1954.

Authors pointed out thek korelborin-K, korelborin-P, sireniotoksin, convallosid, and acetyldigitoxin have a [redacted] high biological activity and can be used as substitutes for strophantine and digitalis. Decrease or increase of phosphorous compounds occurred in the heart and other organs under their influence. The authors noted that these changes occurred in the acid-soluble fractions.

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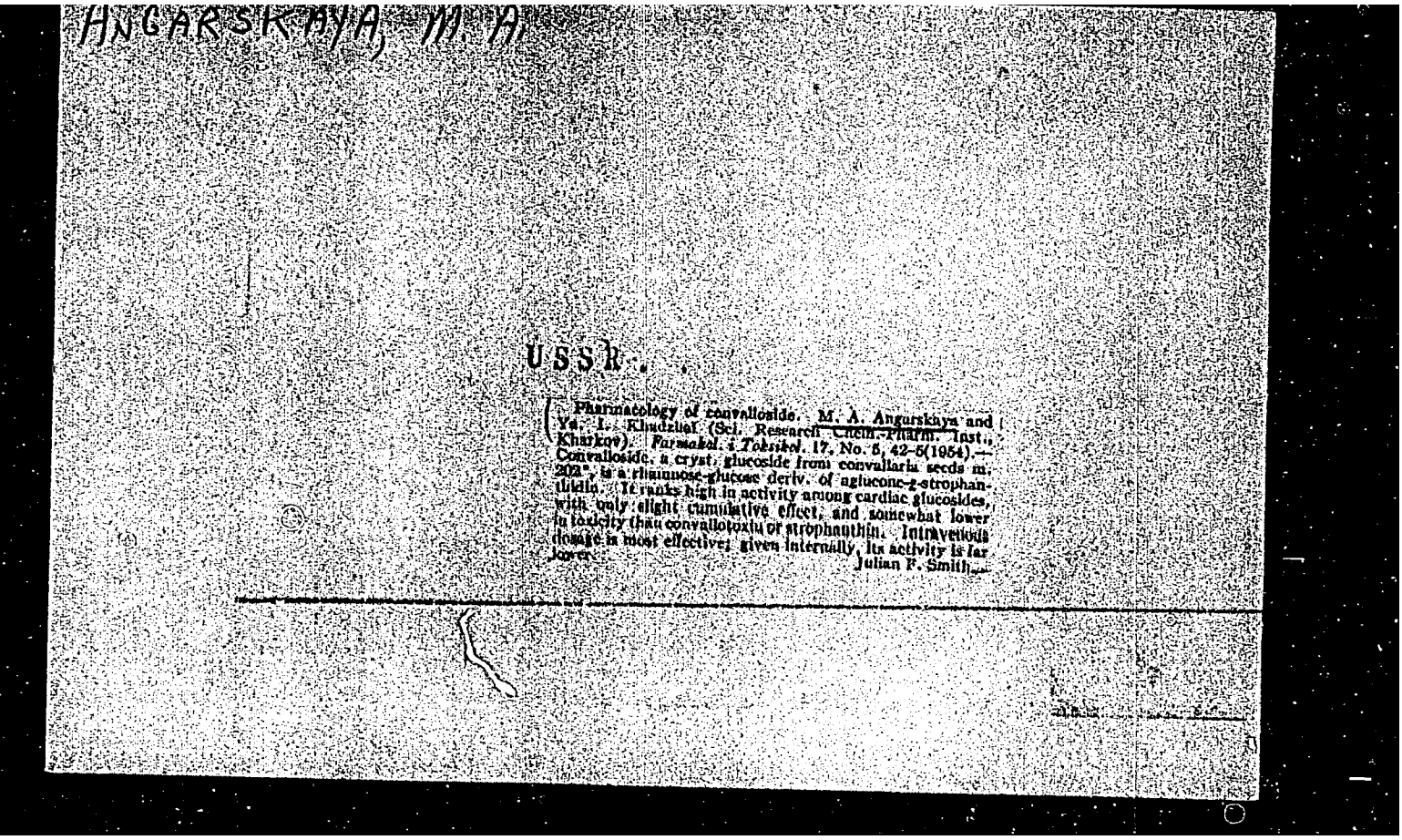

ANGARSKAYA, M. A.

USSR

Pharmacology of convalloside. M. A. Angurskaya and Ya. I. Khudziet (Sci. Research Chem.-Pharm. Inst., Kharkov). *Farmakol. i Toksikol.* 17, No. 5, 42-5(1954).—Convalloside, a cryst. glucoside from convallaria seeds m. 202°, is a rhamnose-glucose deriv. of aglucone-2-strophanthidin. It ranks high in activity among cardiac glucosides, with only slight cumulative effect, and somewhat lower in toxicity than convallotoxin or strophanthin. Intravenous dosage is most effective; given internally, its activity is far lower.

Julian F. Smith

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

KOLESNIKOV, D.G.; KHAIZHAY, Ya.I., kandidat meditsinskikh nauk; SHUBOV, M.I., kandidat meditsinskikh nauk; ZOZ, I.G., kandidat biologicheskikh nauk; PROKOPENKO, A.P.; ANGARSKAYA, M.A., direktor; OVSIYENKO, I.I., direktor.

Kellin, a new Russian preparation. Sov.med. 17 no.10:22-25 O '53. (MLRA 6:10)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut (for Angarskaya). 2. Pervaya kafedra terapii Khar'kovskogo instituta usovershenstvovaniya vrachey (for Ovsiyenko). (Pharmacology)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

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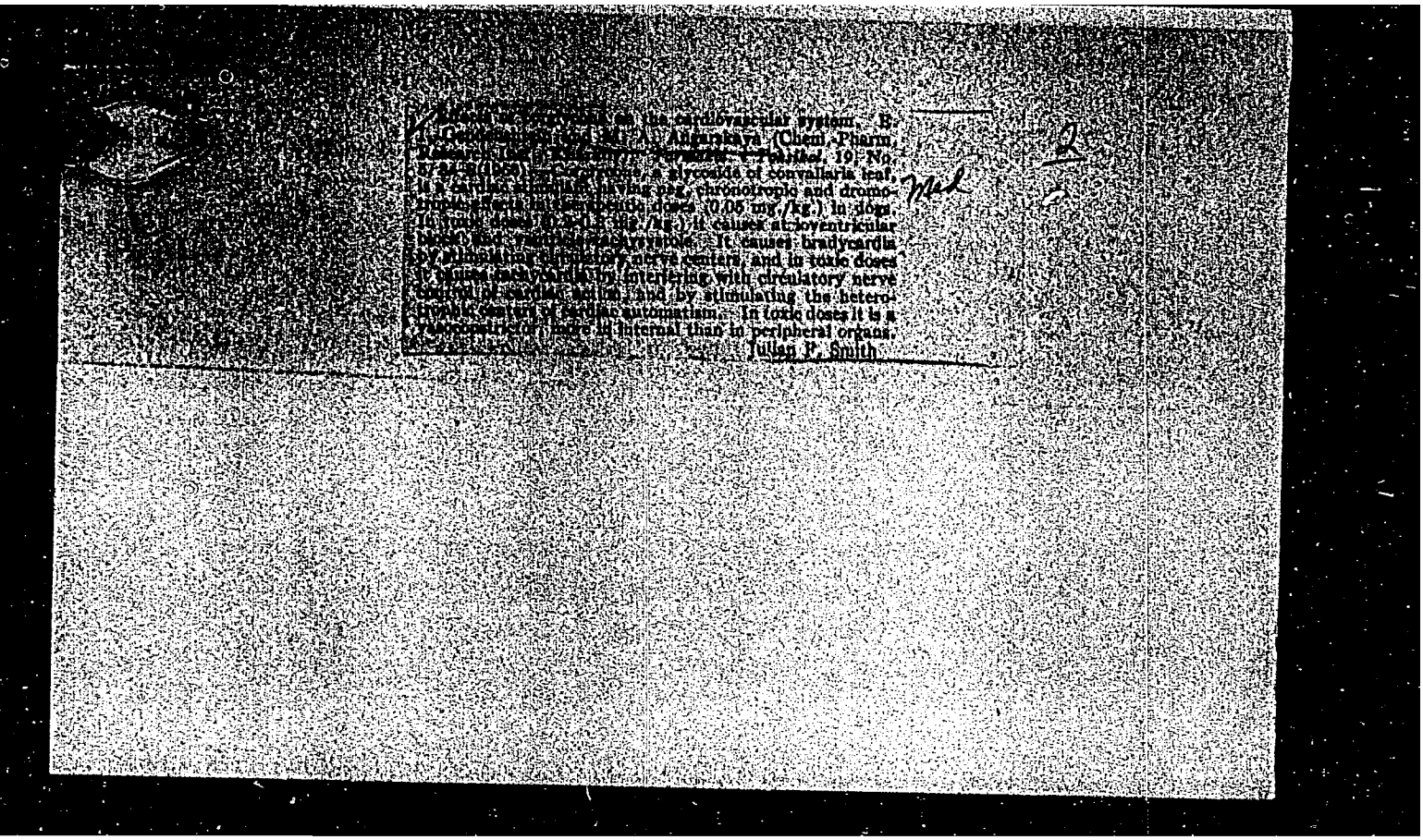

Julian F. Smith

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

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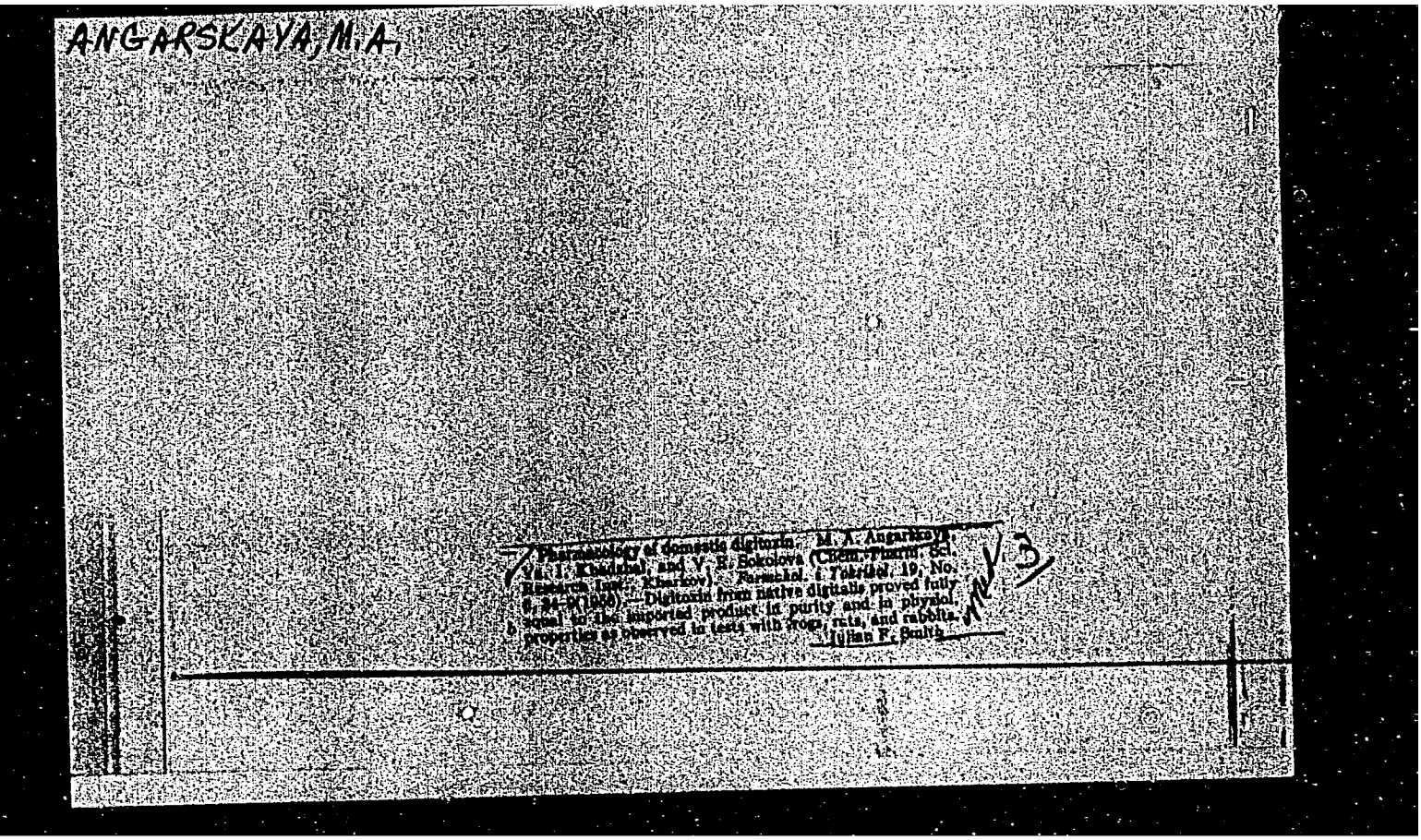

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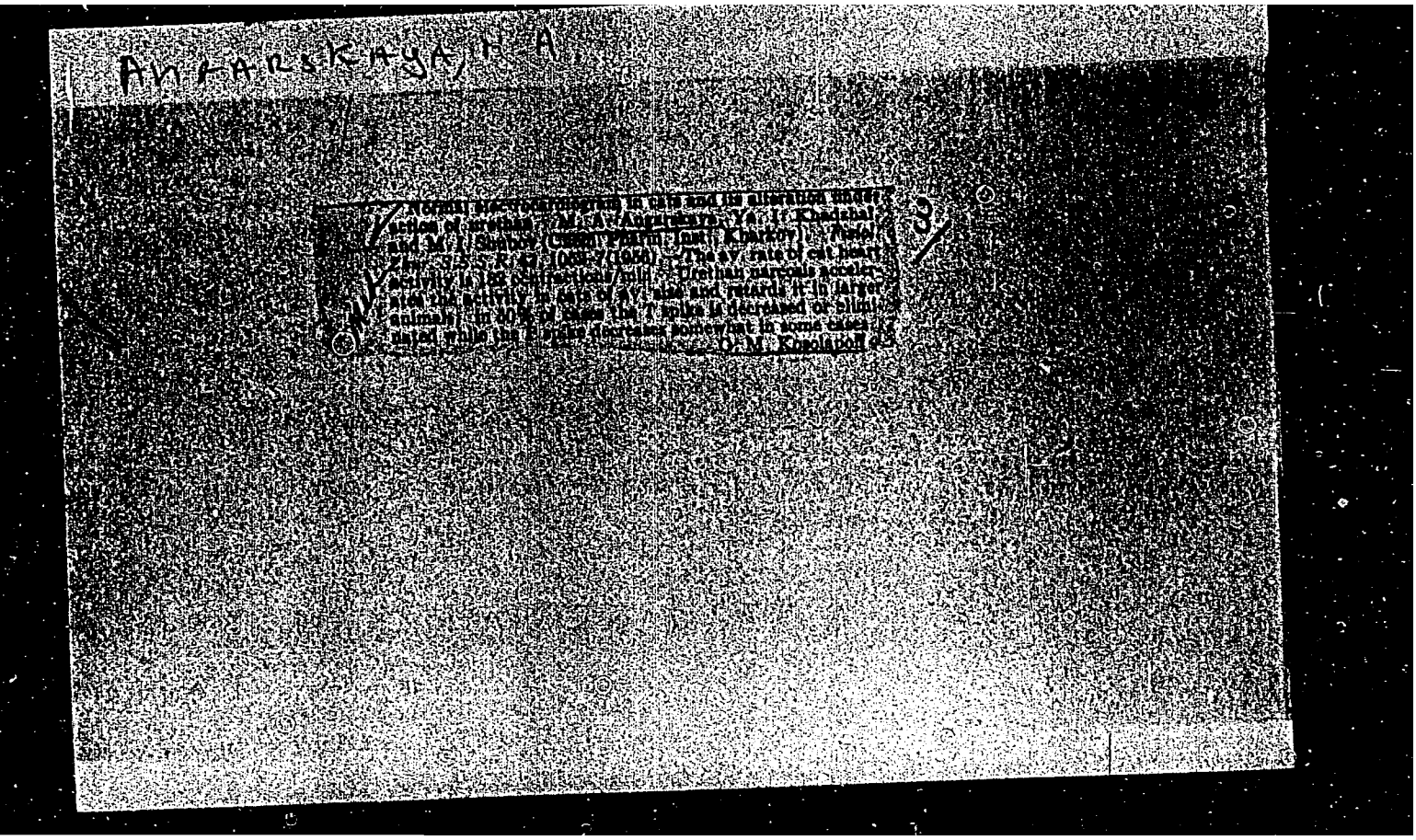

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"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKAYA, M. A.

TROPP, M.Ya.; ZOZ, I.G.; ANGARSKAYA, M.A.; MAKSIMENKO, G.N.; KHADZHAY, Ya.I.

Corelborin-P and Corelborin-K, cardiac glycosides. Med.prom. 11 no.6:36-38 Je '57. (MIRA 10:8)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut
(CARDIAC GLYCOSIDES)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKAYA, M.A.

Scientific achievements should be incorporated into production.
Med.prom. 11 no.10:28-32 O '57. (MIRA 11:1)
(PHARMACEUTICAL RESEARCH)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

EXCERPTA MEDICA Sec.2 Vol.11/1 Physic-Biochem,etc.Jan58

Angarskaya, M. A.

128. ROLE OF CARBOHYDRATES METABOLISM IN THE ABSORPTION, DISTRIBUTION AND EXCRETION OF DRUGS (Russian text). Angarskaya M. A. FARMAKOL. I TOKSIKOL. 1957, 20/1 (59-62) Tables 3

A new glycoside with cardiotonic activity was isolated from Sirenia angustifolia and called sireniotoxin (I). It is a white crystalline powder, its structural formula is yet undetermined, the empirical formula is $C_{30}H_{44}O_9$. The aglycone resembles that of strophanthin. The cardiotoxic potency is considerable. I is more effective than strophanthin and convallatoxin. The LD_{50} in cats is less than 0.00013/kg. I causes an increase of respiration rate, salivation, vomiting, excitation and convulsion in toxic doses. Like strophanthin it has no cumulative effect. Experiments on the heart-lung preparation of the cat showed a negative inotropic influence, an increase in systolic and minute volume and a slight increase of blood pressure.

Rašková - Prague

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"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

V

Country : USSR
Category: Pharmacology. Toxicology. Cardio-Vascular Agents.

Abs Jour: RZhBiol., No. 5, 1959, No 27779

of I there is contained 4587 rat active units, in 1 g of II - 7936 rat active units. For cats, the let al dose of I is 0.220 mg/kg, for II - 0.126 mg/kg. According to their cumulative properties, as well as according to their effect on the heart, I and II are close to strophanthin k. - V.V. Berezhinskaya

Card : 2/2

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"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKAYA, M.A.; OBOLENTSEVA, G.V.; KHADZHAY, Ya.I.

Bikalin, a composite preparation for the treatment of peptic ulcer. Vrach. delo no. 3:23-26 Mr '61. (MIRA 14:4)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut.

(PEPTIC ULCER) (BISMUTH)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKAYA, M.A. [Anhars'ka, M.A.]; BEZRUK, P.I.; SOKOLOVA, V.Ye.; KHADZHAY, Ya.I.

Pharmacological study of pentaerythritoltetranitrate (erynite). Farmatsev. zhur. 16 no. 2:63-67 '61. (MIRA 14:4)

1. Laboratoriya farmakologii Kharkivs'kogo naukovo-doslidnogo khimiko-farmatsevtichnogo institutu.
(NITRATES)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKAYA, M.A.; SOKOLOVA, V.Ye.; KHADZHAY, Ya.I.

Pharmacology of corulin. Farm.i toks. 24 no.2:163-168 Mr-Ap '61.
(MIRA 14:6)

1. Laboratoriya farmakologii Khar'kovskogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta.
(CARDIOVASCULAR AGENTS)

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"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKAYA, M.A.; SOKOLOVA, V.Ye.

Combined action of cordigit and khellin. Farm. i toks. 24 no.4:448-454 Jl-Ag '61. (MIRA 14:9)

1, Laboratoriya eksperimental'noy farmakologii Khar'kovskogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta.
(GITALIN) (KHELLIN)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKAYA, M.A.; SOKOLOVA, V.Ye.

Effect of the large plantain (Plantago major) on the course of experimental atherosclerosis in rabbits. Biul. eksp. biol. i med. 53 no.4: 50-53 Ap '62. (MIRA 15:4)

1. Iz Khar'kovskogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta. Predstavlena deystvitel'nym chlenom AMN SSSR V.V. Parinym.

(ARTERIOSCLEROSIS) (PLANTAIN)

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"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKAYA, M.A.; SOKOLOVA, V.Ye.; KHADZHAY, Ya.I.

Effect of strophanthin and corgycon on the rate of restoration of phosphorus compounds in the organism in animals. Farm. i toks. 20 no.2:35-40 Mr-Ap '57. (MLRA 10:8)

1. Laboratoriya farmakologii Khar'kovskogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta

(CONVALLARIA,
glycoside corglycon, eff. on phosphate metab. in animals (Rus))
(STROPHANTHIN, effects,
on phosphate metab. in animals (Rus))
(PHOSPHATES, metabolism,
eff. of Convallaria glycoside corglycon & strophantin in animals (Rus))

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKAYA, M.A.; GENDENSHTEYN, E.I.; KOLESNIKOV, D.G.; SOKOLOVA, V.Ye.; KHODZHAY, Ya.I.

Diagitoxin and gitoxin, new Russian preparations from digitalis. Med.prom. 12 no.2:58-59 F '58. (MIRA 11:3)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut.
(DIGITALIS)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

TROPP, M.Ya., SINILOVA, N.G., ANGARSKAYA, M.A., BEZRUK, P.I.,

Russian ergometrine maleate. Med.prom 12 no.8:43-46 Ag '58 (MIRA 11:9)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut.
(ERGONOVINE)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

USSR / Pharmacology, Toxicology. Cardio-vascular Agents. V

Abs Jour: Ref Zhur-Biol, No 18, 1958, 85152.

Author : Angarskaya, M. A., Khadzhay, Ya. I., Kolesnikov, D. G., Prokopenko, A. P., Dubinskiy, A. A., Shubov, M. I.

Inst : Not given.

Title : Daukarin - a New Soviet Preparation for the Treatment of Coronary Insufficiency.

Orig Pub: Klinichn. meditsina, 1958, Vol 36, No 1, 29-33.

Abstract: In experiments on isolated rabbit and cat hearts, daukarin (D) in a concentration of $1:10^6$ - 1:50,000 increased the coronary blood flow by 70%-300%. Under conditions in which coronary vasospasm was experimentally induced ($BaCl_2$, carbocholine, pipcitrin), D did not change the amplitude of the cardiac

Card 1/2

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ANGARSKAYA, M.A.; KOZLOVA, O.M.

Treatment of circulatory insufficiency with the new cardiac glucoside syreniotoxin. Vrach.delo no.8:797-799 Ag '59. (MIRA 12:12)

1. Gospital'naya terapevticheskaya klinika (zav. - prof. R.I. Sharlay) Khar'kovskogo meditsinskogo instituta i Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut.
(CARDIAC GLYCOSIDES) (CARDIOVASCULAR SYSTEM--DISEASES)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKAYA, M.A.; LUTOKHIN, S.I.; KHADZHAY, Ya.I.

Standardization of cardiac glycosides on pigeons. Farm. i toks. 25 no.2:193-198 Mr-Ap '62. (MIRA 15:6)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut (direktor - dotsent M.A. Angarskaya).
(CARDIAC GLYCOSIDES)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKAYA, M.A.; LYUBARTSEVA, L.A.; SOKOLOVA, V. Ye.

Pharmacology of deglucocheirotoxin. Farm. i toks., 26 no.6: 687-692 N-D '63 (MIRA 18:2)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKAYA, M.A.; SOKOLOVA, V.Ye.; BEZHUK, P.I.

Pharmacology of manitrit. Farm. i toks. 27 no.3:318-323 My-Je '64. (MIRA 18:4)

1. Laboratoriya eksperimental'noy farmakologii Khar'kovskogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKAYA, M.A. [Anhars'ka, M.A.]; BEZRUK, P.I. [Bezruk, P.I.]; TKACHENKO, D.A.

Pharmacological properties of the cardiac glycoside bovoside A. Farmatsev.zhur. 20 no.1:77-79 '65.

(MIRA 18:10)

1. Laboratoriya eksperimental'noy farmakologii Khar'kovskogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta.

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"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKAYA, M.A.; VASIL'CHENKO, Ye.A.; SOKOLOVA, V. Ye.

Hypoazotemic and diuretic effect of some species of [illegible].
Rast. res. 1 no.4:544-548 '65 (MIRA [illegible])

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-[illegible]-tricheskiy institut. Submitted June 20, 1965.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

NGARSKAYA, M.A.; LUTOKHIN, S.I.; KHADZHAY, Ya.I.

Standardization of cardiac glycosides by the use of pigeons.
Farm. i toks. 28 no.5:621-624 S-O '65.
(MIRA 18:12)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut. Submitted July 3, 1964.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

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LYUBARTSEVA, I.A.; ANGARSKAYA, M.A.; [illegible] V.Ye.

Effect of some new furazolidone and nifuroxime derivatives on the central nervous system. Farm. i toksikol. 28 no.6:653-656 N-D '65. (MIRA 19:1)

1. Kharkovskiy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKAYA, M. M.

Decomposition of hydrogen peroxide under the simultaneous action of two catalysts. III. Decomposition of H_2O_2 by salts of tungsten and copper. B.A. Konovalova, Z.D. Monakhova, M.N. Angarskaya and N.P. Petin. J. Phys. Chem. (U.S.S.R.) 10,313-24 (1937); cf. C.A. 31, 271.- While neither Cu nor W salts alone exert catalytic effects on the decompn. of H_2O_2, their mixts. have a strong effect, but only when one salt is first acted upon by the H_2O_2 before the other is added. The reaction velocity is a linear function of acidity. Since the Cu salt shows a max. effect at 0.12 mole/l. for both the H_2O_2 decompn. as well as the decompn. of pertungstate, it is suggested that the mechanism of reaction is represented by the equations for a catalytic reaction: $2Na_2WO_4 + H_2O_2 \rightarrow Na_2W_2O_8 + 2NaOH$, $2Na_2W_2O_8 + 2H_2O + (CuSO_4) \rightarrow 2Na_2WO_4 + 2H_2WO_4 + O_2 + (CuSO_4)$ and $CuSO_4 + H_2O_2 \rightarrow CuSO_4.H_2O_2$, $2CuSO_4.H_2O_2 + (Na_2WO_4) \rightarrow 2CuSO_4 + 2H_2O + O_2 + (Na_2WO_4)$. F.H.R.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

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ANGARSKAYA, Marina Nikolayevna,; CHERNYSHOVA, Yu., red.; TROYANOVSKAYA, N., tekhn. red.

[In the world of new things] V mire novykh veshchoi. Moskva, Gos. izd-vo polit. lit-ry, 1958. 60 p. (MIRA 11:12)
(Synthetic products)

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ANGARSKAYA, Mariya Nikolayevna; MYASOYEDOV, B., red.; SHLYK, M., tekhn.red.

[Nature created by man] Priroda, tvorimaia chelovekom. Moskva, Mosk.rabochii, 1959. 121 p. (MIRA 13:1)
(Polymers)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

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ANGARSKAYA, Mariya Nikolayevna; VASIL'YEV, M., red.

[Powerful rival] Moguchaia sopernitsa. Moskva, Mosk. rabochii, 1965. 229 p. (MIRA 18:7)

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ALGARSKI, Totiu

Prime cost, basis of the purchase price of farm produce. Trud tseni 5 no.6:74-83 '63

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKI, Totiu

Dynamics of fruit pruchase prices and problem of the steady and flexible prices. Trud tseni 5 no.3:23-32 '63.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANDAESKIY, N.

More houses for miners. Mast. ugl. 7 no.1:26 Ja '58. (MIRA 11:2)

1. Nachal'nik proizvodstvenno-tekhnicheskogo otdela Upravleniya kapital'nogo stroitel'stva kombinata Shakhtantratsit.
(Building)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

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ANGARSKIY,V.

Promises instead of help. Prom.koop. no.4:32 Ap'55. (MLRA 8:11)
(Erivan--Technical education)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

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ANGARSKIY, V.V., gorn. inzh.

Effectiveness of metal support used in roof caving in Kuznetsk Basin mines. Ugol' 35 no.5:35 My '60. (MIRA 13:7)

1. Kuznetskiy naucho-issledovatel'skiy ugol'nyy institut.
(Kuznetsk Basin--Mine timbering)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKIY, V.V., inzh.; ZHUKOV, V.V., kand.tekhn.nauk

Roof caving without battery stulls. Ugol' 35 no.7:44-46 Jl '60.
(MIRA 13:7)
(Kuznetsk Basin --Mining engineering)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

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ANGARSKIY, V.V., gornyy inzh.

Advantages of narrow-range units provided with K-52 and K-52M cutter-loaders. Ugol' 36 no.3:14-17 Mr '61. (MIRA 14:5)

1. Kuznetskiy nauchno-issledovatel'skiy ugol'nyy institut.
(Coal mining machinery)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGARSKIY, Viktor Vinediktovich; KUZNETSOV, S.T., retsenzent; BAKATIN, V.A., retsenzent; ARKHIPOV, N.A., otv. red.;

[Metal and precast reinforced concrete mine supports in the Kuznetsk Basin] Metallicheskaia i sbornaia zhelezobetonnaia krep' shakht Kuzbassa. Moskva, Izd-vo "Nedra," 1964. 211 p. (MIRA 17:7)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGELEIKO, V.I., prof., doktor tekhn. nauk

Brief review of work concerning the strength of switches.
Trudy KHIIT no.57:3-6 '62. (MIRA 16:11)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGELEIKO, V.I., prof., doktor tekhn. nauk; METLERKAMP, Ye.A., kand. tekhn. nauk, dotsent

Design of switch rails for strength. Trudy KHIIT no.57: 7-23 '62. (MIRA 16:11)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

BOTEZ, Virginia; PARASCHIVESCO, Maria; ANGELESCO, I.; BONCIU, C.; PETROVICI, Monica

Criteria for the evaluation of the activity of BCG vaccine. Significance of the pancreatic lymph nodes. Arch. roum. path. exp. microbiol. 21 no.2:443-448 '62.

1. Service du vaccin BCG -- Institut "Dr. I. Cantacuzino" (for Botez, Paraschivesco). 2. Laboratoire pour le controle d' Etat des serums et vaccins (for Angelesco). 3. Service d'Anatomie Pathologique -- Inst. "Dr. I. Cantacuzino" (for Bonciu, Petrovici).
(BCG VACCINATION) (PANCREAS) (LYMPH NODES)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

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ANGELESCO, I.; CHIRESCO, N.; DEMIAN, Ligia; GARTNER, Magda; POPESCO, G.; RIMNICEANU, I.

Influence of the "time" factor on the efficacy of certain biological products. Arch. roum. path. exp. microbiol. 23 no.3 821-826 S'63

1. Travail du Laboratoire Central pour le Controle d'Etat des Serums et des Vaccins, Bucarest.

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BOTEZ, Virginia, PARASCHIVESCO, Maria; GHEORGHIU, Marina; ANGELESCO,I.; BONCIU,C.; PETROVICI,Monica.

Study on BCG strain variants resistant to streptomycin, INH and PAS. II. Vaccinat properties in the absence or presence of a streatment with the homologous tuberculostatic. Arch. roum. path. exp. microbiol. 22 no.4:951-960 S-D'63

1. Institut "Dr. I.Cantacuzino"; Service du vaccin BCG (for Botez, Paraschivesco; Gheorghiu). 2. Laboratoire Central pour le Controle d'Etat des Serums et des Vaccins (for Angelesco). 3. Institut "Dr. I.Cantacuzino"; Service d'Anatomie Pathologique (for Bonciu, Petrovici).

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ANGELESCU, A., ing.; IVANOVSCHI, B., ing.

Drainage of methane in coal mines. Rev min 15 no. 5/6: 271-277 My-Je '64.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees:

Affiliation:

Source: Bucharest, Microbiologie, Parazitologie, Epidemiologie, Vol VI, No 5, Sep-Oct 1961, pp 439-454.

Data: "The Spread of Geohelminthiasis Through the Intermediary of Irrigated Plantations."

Authors:
IUPASCU, G., -Prof.- Department of Parazitology of F.P.S.M.F. [illegible] (Catedra de Parazitologie F.P.S.M.F.).
SORESCU, Angela, -Dr.- Department of Parazitology of F.P.S. M.F.
PANAITESCU, D., -Dr.-, Department of Parazitology of F.P.S.M.F.
ANGELESCU, C.,-Dr.-, Central "Sanepid" of the Capital (Sanepidul Central al Capitalei).
HACIG, Alice, Helminthology Section of the "Dr. I. Cantacuzino" Institute (Sectia de Helmintologie a Institutului "Dr. I. Cantacuzino").
SOLOMON, Paula, Helminthology Section of the "Dr. I. Cantacuzino" Institute.

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ANGELESCU, C., MD.

RUMANIA

LUPASCU, Gh., Professor; PANAITESCU, D., MD; ANGELESCU, C., MD.

1. Institute of Microbiology, Parasitology, and Epidemiology "Dr. I. Cantacuzino" (Institutul de microbiologie, parazitologie si epidemiologie "Dr. I. Cantacuzino") - (for Lupascu and Panaitescu); 2. State Inspectorate of Hygiene and Labor Protection of the Capital (Inspectia de stat pentru igiena si protectia muncii a Capitalei) - (for Angelescu)

Bucharest, Igiena, No 6, Nov-Dec 63, pp 525-528

"Some Aspects of the Epidemiology and Prevention of Parasitic Diseases on Building Sites."

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

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LEONESCU, M.; MANOLIU, N.; ANGELESCU, C.; BABA, C.; PAVLU, A.; ZALTSBERG, N.; MANOLIU, E.; LANDES, C.

On the diagnosis and clinical aspects of anicteric hepatitis in children. Rev. sci. med. 6 no.3/4:161-164 '61.
(HEPATITIS in inf. & childh.)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

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MANOLIU, N.; VILAU, C.; DANCU, I.; ANGELESCU, C.

Glutamic-oxalacetic and glutamic-pyruvic transaminase activity in the blood during epidemic hepatitis. Stud. cercet. inframicrobiol. 13 no.3:329-333 '62.

(ASPARTATE AMINOTRANSFERASE) (ALANINE AMINOTRANSFERASE)
(ENZYME TESTS) (HEPATITIS, INFECTIOUS)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

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NEUMANN, Retta, dr.; ANGELESCU, C., dr.; PAVELESCU, Elena, chimist

The use of coagulation tests in the investigation of liver function. Med. intern. 15 no.2:163-172 F '63.

1. Lucrare efectuata in Spitalul de Stat nr. 12, Bucuresti.
(LIVER FUNCTION TESTS) (BLOOD COAGULATION TESTS)
(FACTOR V) (FACTOR VII) (PROTHROMBIN TIME)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

MANOLIU, N., dr.; ANGELESCU, C., dr.; DANCU, I., dr.; SALZBERG, N., dr.; MUSTATA, N., dr.; Cu colaborarea tehnica a Laboratorului de biochimie: chim. KROMALNIC, B.; PAVELESCU, L.; SCHEIN, A.

The study of sideremia, serum transaminase activity and BSP tests in the positive and differential diagnosis of epidemic hepatitis. Med. intern. (Bucur.) 16 no.12:1511-1521 D '64

1. Lucrare efectuata in Spitalul de Stat nr. 12, Bucuresti.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

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ANGELESCU, E.; AUGUSTIN, M.; DAMIAN, Al.; STOENESCU, D.; OPROIU, A.; OPRAN, H.

Anesthetic blocking of thyroid interoceptors during thyroidectomy. Bul. stint., sect. med. 8 no.2:529-548 Apr-June 56.

(THYROID GLAND, surgery
anesth. blocking of thyroid interoceptors, value in prev. of shock & other compl.)
(NERVE BLOCK
anesth. blocking of thyroid interoceptors during thyroidectomy, value in prev. of shock & other compl.)

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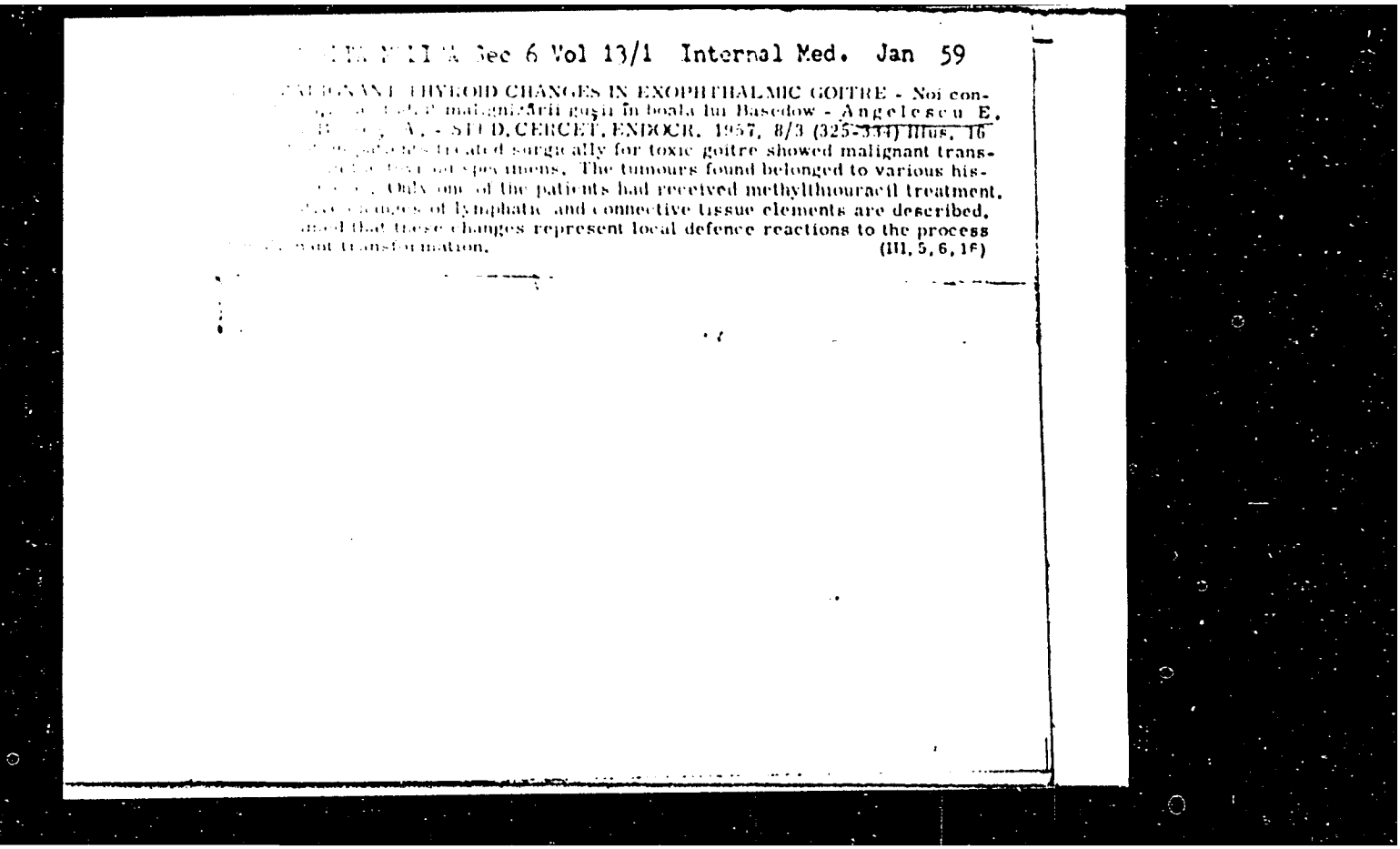
"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9



[illegible] Sec 6 Vol 13/1 Internal Med. Jan 59

[illegible] MALIGNANT THYROID CHANGES IN EXOPHTHALMIC GOITRE - Noi consideratii [illegible] malignizării guşii în boala lui Basedow - Angelescu E., [illegible] A. - STUD. CERCET. ENDOCR. 1957, 8/3 (325-344) Illus. 16

[illegible] patients treated surgically for toxic goitre showed malignant transformation [illegible] specimens. The tumours found belonged to various histological types. Only one of the patients had received methylthouracil treatment. [illegible] changes of lymphatic and connective tissue elements are described, and that these changes represent local defence reactions to the process of malignant transformation. (III, 5, 6, 16)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

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ANGELESCU,E.; DAMIAN,D.; ALEU,C.

Research on the adsorption of some dyestuffs on viscose silk. Cel hirtie 10 no: 11 :381-387 N'61

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANDZHELESKU, Ye. [Angelescu, E.] akademik; KHERER, O. [Horer, O.]

Phase conversions in the gelation of association colloids. Pt.1.
Rev chimie 8 no.1:87-93 '63.

1. TSentr khimicheskikh issledovaniy Akademii RNR, Bukharest.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGELESCU, E., acad.; BARBULESCU, Emilia; NICOLESCU, Ala

Research in the field of cationic tensioactive substances. Pt. 2. Studii cerc chim 11 no.2:193-198 '63.

1. Sectia de chimie fizica a Centrului de cercetari chimice al Academiei R.P.R., Bucuresti.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGELESCU, E., Membre de l'Academie de la R.P.R.; NICOLAU, G.

Research on racemic double decomposition in optical isomers by means of insertion compounds. Rev chimie 8 no.1:133-138 '63.

1. Chaire de Chimie Organique de l'Universite de Bucarest.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGELESCU, E.

Value of subtotal adrenalectomy in treatment of metabolic gyper-corticism. Stud. cercet. endocr. 14 no.4/5/6:717-722 '63.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

RUMANIA / General Problems of Pathology. Comparative Oncology. U-5
Human Tumors.

Abs Jour : Ref Zhur - Biol., No 17, 1958, No 80335

Author : Milcu, St.M.; Angelescu, E; Sahleanu, V; Augustin, M.
Inst : Not given
Title : Malignant Tumors of the Thyroid Gland.

Orig Pub : Lucrarile Sesiunii stiint. Sec. stiinte. med. Acad. R.P.R., 1954, Bucuresti, 1955, 457-488.

Abstract : The authors observed 26 cases of malignant tumors of the thyroid gland (22 women and 4 men); 20 thyroidectomies were performed. A close connection is noted between a nodular goiter and cancer. Benign tumor seldom shows effects on a recurrent laryngeal nerve and does not cause functional impairments. Early affliction of the regional lymphatic nodes is seldom met in the beginning of the illness. The authors consider that during cancer of the thyroid gland,

Card 1/2

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"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGELESCU, E.

Evolution of exophthalmos after thyroldectomy. p. 395.
ACADEMIA REPUBLICH POPULARE ROMANE. Rumania Vol. 5, No. 2,
Feb 1955

East European Accessions List (EAL) Library of Congress
Vol. 5, No. 11, August 1956

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"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

[redacted], E.; OPROIU, A.; DAMIAN, A.

Technique of epiphysectomy with sheep. p. 1117. Academia Republicii Populare Romine. COMUNICARILE. Bucuresti. Vol. 5, no. 6, June 1955.

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 5, no. 12, December 1956

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"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

EXCERPTA MEDICA Sec 16 Vol 6/10 Cancer Oct 58

4208. *Malignant thyroid changes in exophthalmic goitre* Noi contribuţii la studiul malignizării guşii în boala lui Basedow. ANGHELESCU E. and BABEŞ A. *Stud. Cercet. Endocr.* 1957, 8/3 (325-334) Illus. 16

Five out of 96 patients treated surgically for toxic goitre showed malignant transformations in the thyroid specimens. The tumours found belonged to various histological groups. Only one of the patients had received methylthiouracil treatment. Proliferative changes of lymphatic and connective tissue elements are described. It is assumed that these changes represent local defence reactions to the process of malignant transformation.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

MILCU, St.M.; POP, Al.; LUPULESCU, A.; ANGELESCU, E.; DAMIAN, Al.; TAGA, M.

Experimental & clinical investigations on certain antithyroid auto-immunological processes. Rumanian M. Rev. 3 no.1:35-40 Jan-Mar 59.

(ANTIGEN-ANTIBODY REACTIONS
auto-immun. mechanisms in thyroid gland of man & rabbits)

(THYROID GLAND
auto-immun. mechanisms in man & rabbits)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGELESCU, E.; DIMBOVICEANU, A.; ROTH, H.; NICOLAU, C.

Research on the proliferation of streptococcus in the presence of anesthesine and novocaine. Rev chimie 4 no.2:207-226 '59. (EEAI 9:7)

1. Institut de Serologie "Dr. I.Cantacuzino" et Laboratoire de Chimie organique de l'universite "C.I.Parhon" de Bucarest. 2. Comite de redaction, Revue de Chimie; Membre correspondant de l'Academie de la Republique Populaire Roumaine (for Angelescu).
(Streptococcus) (Procaine) (Benzocaine)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

MILKU, Sh. [Milcu, S.]; ANGELESKU, E. [Angelescu, E.]; OPRAN, G.; STOENESKU, D. [Stoenescu, D.]; OPROIU, A.; DAMIAN, A.

Surgical treatment of the suprarenal metabolic syndrome. Khirurgiia 36 no. 5:18-30 My '60. (MIRA 14:1)
(CUSHING SYNDROME) (ADRENAL GLANDS—SURGERY)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANDZHELESKU, Ye. [Angelescu, E.]; STOYENESKU, D. [Stoenescu, D.]; DAMIAN, A.; OPRAN, Kh. [Opran, H.]; OPROYU, A. [Oproiu, A.] (Rumynskaya Narodnaya Respublika)

Use of cortisone in the surgical treatment of pheochromocytoma. Khirurgiia 36 no.8:56-62 Ag '60. (MIRA 13:11)
(TUMORS) (CORTISONE)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANZHELESKU, Ye. [Angelescu, E.]; OPRAN, G.; SIMIONESKU, N. [Simionescu, N.]; OPROYU, A. [Oproiu, A.]; STOYENESKU, D. [Stoenescu, D.]; DAMIAN, A. (Rumyniya)

Secernent adenocarcinoma of the parathyroid gland with fibrocystic osteosis. Khirurgiia 37 no.5:84-87 My '61. (MIRA 14:5)

(PARATHYROID GLANDS—TUMORS) (OSTEITIS FIBROSA)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGELESCU, E.; SIMIONESCU, N.; DAMIAN, Al.

Anatomoclinical study of cancers developing from dystrophic goitrogenic cells. Stud. cercet. endocr. 13 no.3:407-414 '62.
(THYROID GLAND neoplasms) (GOITER complications)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANZHELESKU, Ye. [Angelescu, E.]; SIMIONESKU, N. [Simionescu, N.]; DAMIAN, A.; OPRAN, G.; STOYENESKU, D. [Stoenescu, D.]; OPROYU, A. [Oproiu, A.] (Rumyniya)

Surgical treatment of malignant tumors of the thyroid gland with metastases into the cervical lymph nodes. Probl.endok.i gorm. no.4:83-90 '62. (MIRA 15:11)
(THYROID GLAND—CANCER) (LYMPHATICS—CANCER)

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SIMIONESCU, N.; ANGELESCU, E.

The periadrenal foetal adipose tissue (brown fat) in phaeochromocytoma and experimental hyperadrenalism. Rumanian med. rev. no.8:19-24 '62.
(ADIPOSE TISSUE) (PHEOCHROMOCYTOMA)
(ADRENAL GLAND DISEASES)

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"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

ANGELESCU, E.; HÖRER, O.

Some conductometric data on the hysteresis phenomenon of turbidity in the process of the gelation and return to sol of the 0,1 molal sodium stearate. Studii cerc chimie 10 no.2:151-155 '62.

1. Centrul de cercetari chimice al Academiei R.P.R., Sectia chimie fizica, Bucuresti. 2. Membru corespondent al Academiei R.P.R. si membru al Comitetului de redactie, "Studii si cercetari de chimie" (for Angelescu).

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ANGELESCU, E.; DAMIAN, Al.; STOENESCU, D.; OPRAN, H.; OPROIU, A.; MOTOMANCEA, D.

The role of adrenal cortex hormones in the prevention and therapy of grave surgical complications. Stud. cercet. endocr. 13 no.4:541-548 '62.

(PREOPERATIVE CARE) (POSTOPERATIVE CARE)
(ADRENAL CORTEX HORMONES) (NOREPINEPHRINE) (SHOCK)

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SIMIONESCU N.; OFRAN, H.; ANGELESCU, E.; SCHERZER, Maia

Problems of anatomo-clinical correlations in insulinogenic lesions of the endocrine pancreas. Stud. cercet. endocr. 15 no.4:293-306 '64.

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"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101610012-9

STOENESCU, D.; ANGELESCU, E.; DAMIAN, Al.; [illegible]; [illegible], A.; ISPAS, I.

Influence of adrenalectomy on the osseous disorders of Cushing's syndrome. Stud. cercet. endocr. 15 no.2:141-145 '64.

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BC

PROCESSES AND PROPERTIES INDEX

Influence of [illegible] on the blue coloration given (by iodine) in the presence of starch. E. [illegible] and J. [illegible] (Bul. Soc. Chim. [illegible], [illegible]).—In the absence of [illegible] iodine concentrations below about [illegible], the temperature of disappearance of colour produced by a [illegible] amount of iodine increases to a maximum and then diminishes as the concentration of starch in the solution rises; above this figure the temperature rises steadily. On cooling, the blue colour reappears at a lower temperature than that of disappearance, and on reheating, the temperature of disappearance is lower than at first, but still considerably higher than that of reappearance. This is regarded as being due either to the loss of iodine or to irreversible transformations of the starch, or a [illegible] of these. In starch solutions of constant concentration, increased amounts of iodine increase the temperature of decolorisation, the increase being more marked with the smaller amounts of iodine. In the presence of potassium iodide, the temperature of decolorisation is raised and the effect is particularly noticeable with low concentrations of iodine, much iodine being absorbed by the starch

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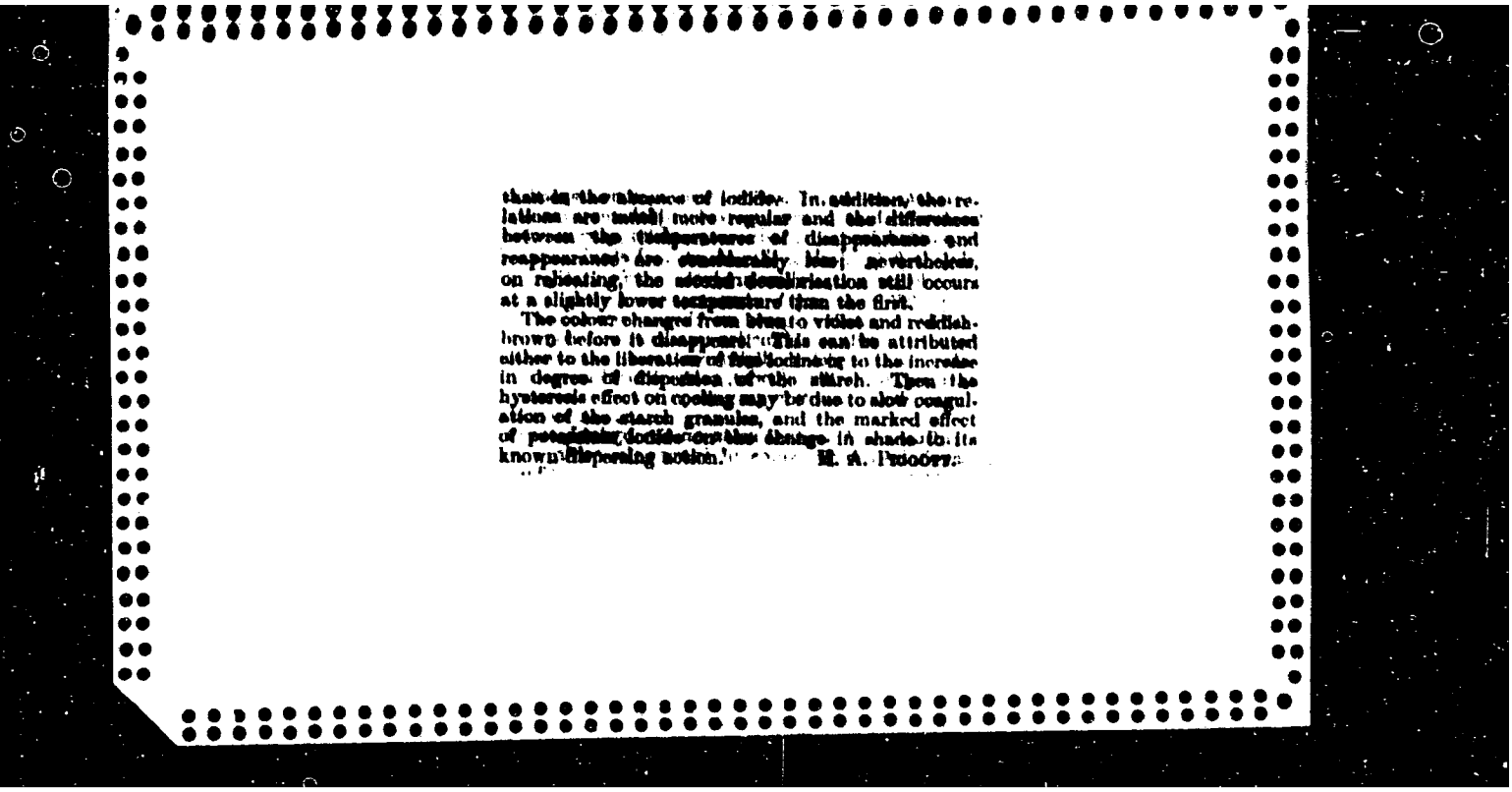

than in the absence of iodide. In addition, the relations are noted more regular and the differences between the temperatures of disappearance and reappearance are considerably less; nevertheless, on reheating, the second decolorization still occurs at a slightly lower temperature than the first.

The color changes from blue to violet and reddish-brown before it disappears. This can be attributed either to the liberation of the iodine or to the increase in degree of dispersion of the starch. Then the hysteresis effect on cooling may be due to slow coagulation of the starch granules, and the marked effect of potassium iodide on the change in shade to its known dispersing action.

H. A. Thomas.

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BC

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

l-3

Influence of neutral salts on the hydrolysis of starch in the presence of inorganic acids. H. A[illegible] and O. Manolescu (Bul. Soc. Chim. România, [illegible], 21, 99—102).—A study of the influence of neutral salts on the amount of reducing sugar produced by the hydrolysis of starch in the presence of mineral acids has shown that the anions [illegible] marked influence, that of the cations [illegible] [illegible] and [illegible] sulphates of concentration greater than [illegible] completely [illegible] hydrolysis, whilst at 0·02N it is reduced to [illegible]. The difference between the values for the two sulphates are slight and are regarded as due to the influence of the cations. Chlorides in general, and magnesium chloride in particular, increase the rate of hydrolysis, whilst nitrates have a similar although less marked effect. In the absence of salts, whilst hydrochloric and nitric acids hydrolyse the same quantity of starch, sulphuric acid is less active, although at the concentration used it has almost the same dissociation constant, consequently this effect is regarded as due to undissociated sulphate molecules. The retarding action of neutral sulphates is considered to be due to their tendency to coagulate the starch, and thus to reverse the swelling and solubilisation processes that precede hydrolysis. Conversely, salts with a dispersing action on starch, e.g., magnesium chloride, accelerate hydrolysis.

H. A. Piggott.

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1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

BC

A-1

Colloidal properties of systems soaps-o-cresol-water. E. Angelescu and D. Popescu (Bul. Soc. Chim. Romania, 1930, 12, 53—60).—Previous work (this vol., 682, 836) is summarised and the results are explained on the view that o-cresol causes a gradual diminution in the size of the colloidal soap particles and that there is a maximum viscosity at a medium degree of dispersion. E. S. Hedges.

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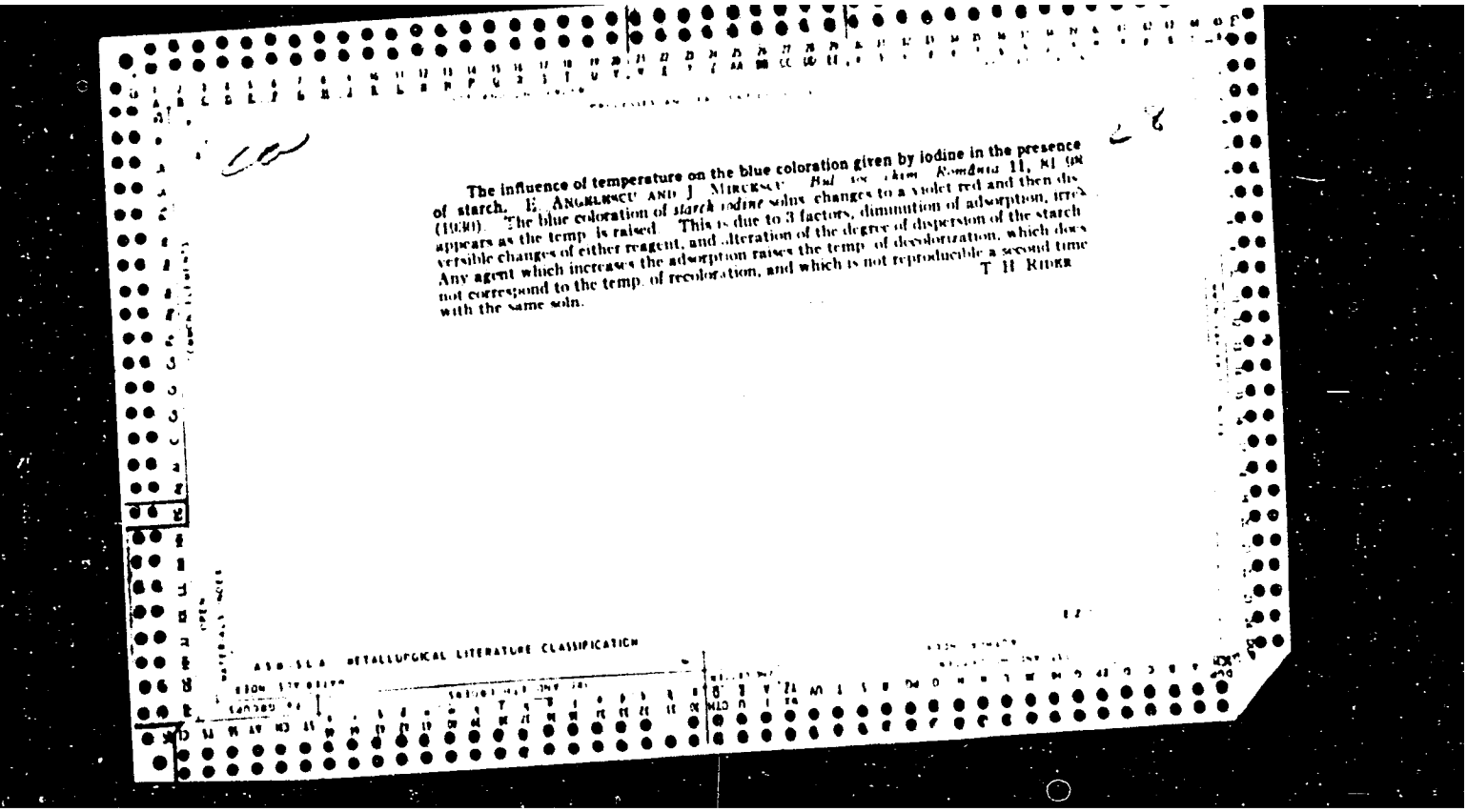

The influence of temperature on the blue coloration given by iodine in the presence of starch. E. Angelescu and J. Mirchescu. *Bul. soc. chim. Romania* 11, 81-98 (1930). The blue coloration of *starch iodine* solns changes to a violet red and then disappears as the temp. is raised. This is due to 3 factors, diminution of adsorption, irreversible changes of either reagent, and alteration of the degree of dispersion of the starch. Any agent which increases the adsorption raises the temp. of decolorization, which does not correspond to the temp. of recoloration, and which is not reproducible a second time with the same soln.

T. H. Rider

A10-SLA METALLURGICAL LITERATURE CLASSIFICATION

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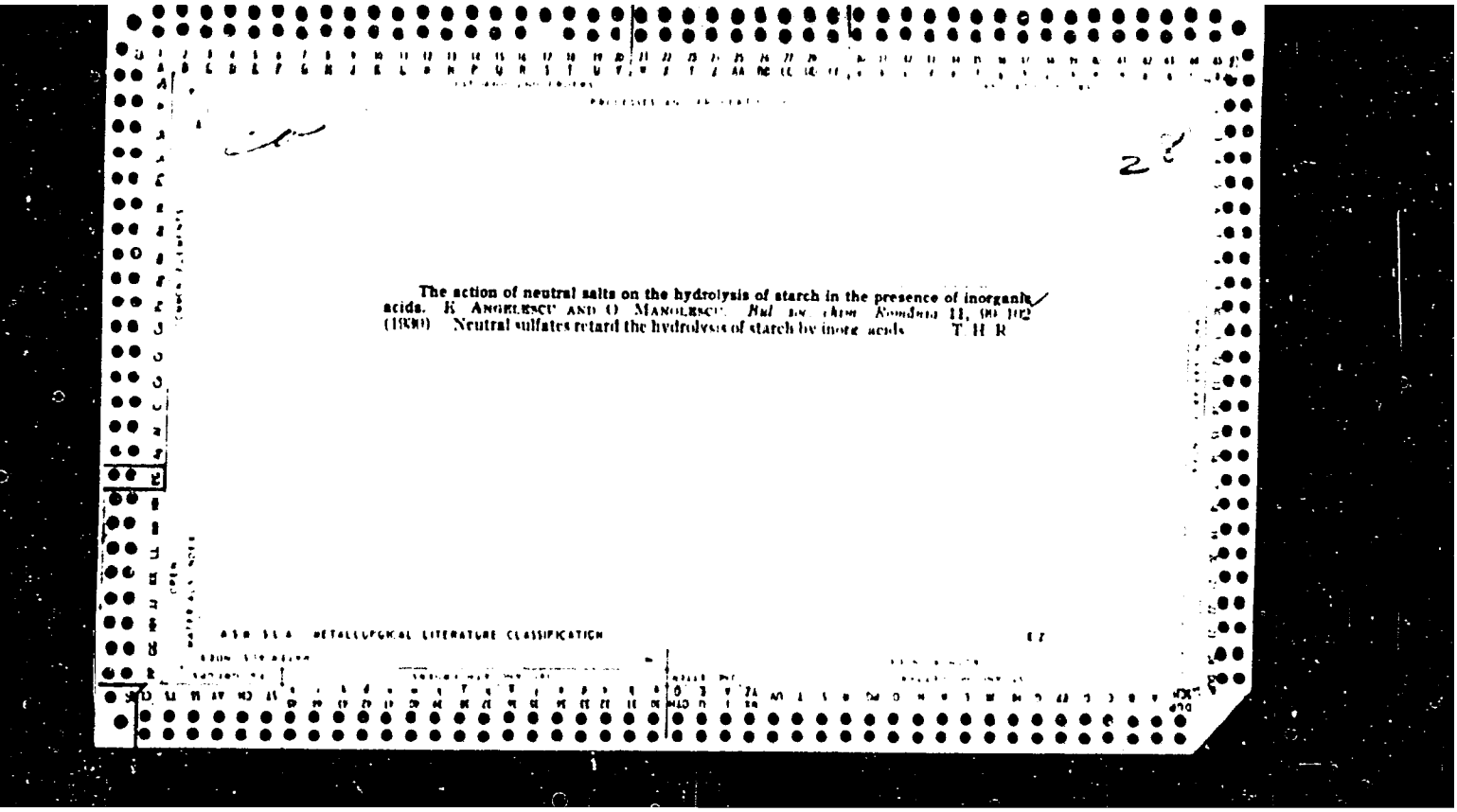

The action of neutral salts on the hydrolysis of starch in the presence of inorganic acids. E. ANGELESCU AND O. MANOLESCU. *Bul. soc. chim. Romania* 11, 98-102 (1930). Neutral sulfates retard the hydrolysis of starch by inorg. acids. T. H. R.

A.S.M. S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

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The influence of several alkali metal compounds and of the solvent on the rate of iodometric oxidation of potassium thiocyanate. E. Angelescu and V. D. Popescu. *Bul. soc. chim. România* **14**, 25-45(1932); cf. *C. A.* **26**, 362.—The initial rate of oxidation of KCNS by I_2 increases with the pH, and depends on the formation of HIO. NH_4 salts, added to any alk. soln., increase the concn. of HIO and the reaction velocity. The reaction velocity was fairly const. in buffered solns., especially in $NaHCO_3$ solns.; it depended on the initial concn. of KCNS and of HIO. The reaction is slower in 48% alc. soln. The effects of borax, Na_2HPO_4, NaOAc, Na K tartrate and NaI, in addn. to the compds. named on the initial reaction velocity and on the equil. compn. are shown graphically and in tables. Gerald M. Petty

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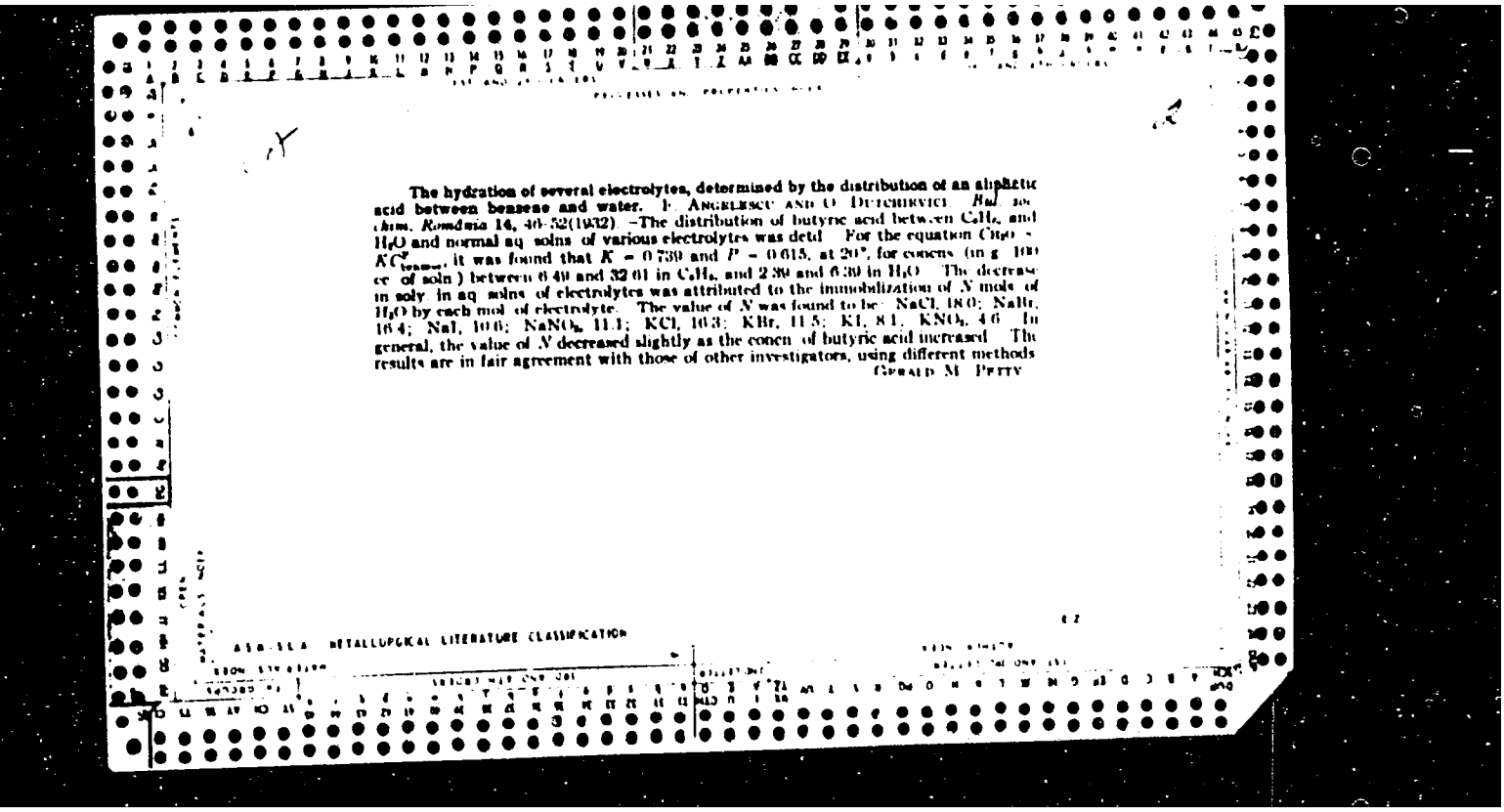

The hydration of several electrolytes, determined by the distribution of an aliphatic acid between benzene and water. I. ANGELESCU AND O. DUTCHIEVICI. *Bul. soc. chim. Romania* 14, 40-52(1932).—The distribution of butyric acid between C_6H_6 and H_2O and normal aq. solns. of various electrolytes was detd. For the equation $C_{H_2O} = KC^N_{benz.}$, it was found that $K = 0.730$ and $P = 0.615$, at 20°, for concns. (in g. per 100 cc. of soln.) between 0.49 and 32.01 in C_6H_6 and 2.89 and 6.30 in H_2O. The decrease in solv. in aq. solns. of electrolytes was attributed to the immobilization of N mols. of H_2O by each mol. of electrolyte. The value of N was found to be: NaCl, 18.0; NaBr, 16.4; NaI, 10.6; $NaNO_3$, 11.1; KCl, 10.3; KBr, 11.5; KI, 8.1; KNO_3, 4.6. In general, the value of N decreased slightly as the concn. of butyric acid increased. The results are in fair agreement with those of other investigators, using different methods.

GERALD M. PETTY

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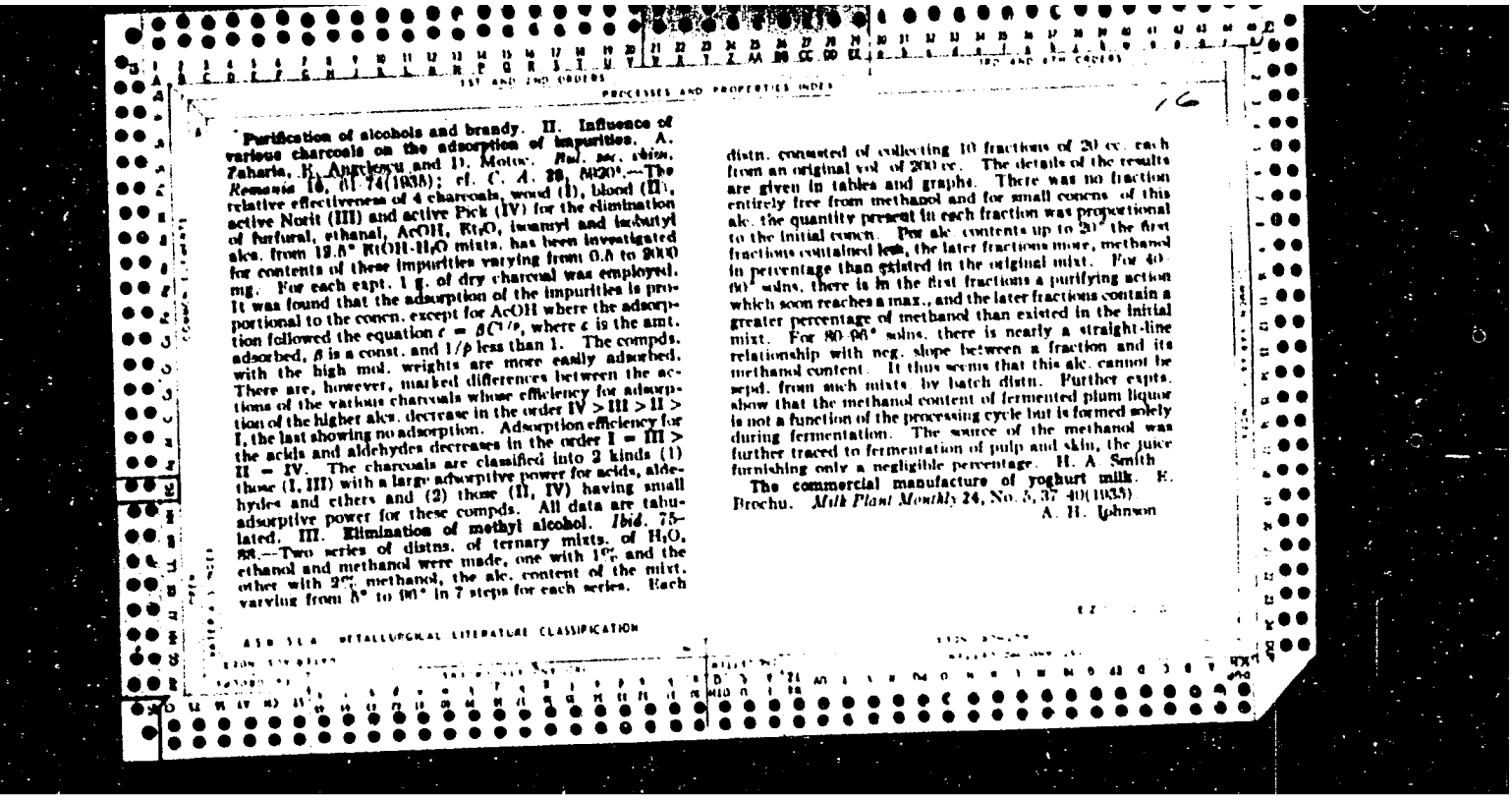

Purification of alcohols and brandy. II. Influence of various charcoals on the adsorption of impurities. A. Zaharia, E. Angelescu and D. Motoc. *Rul. soc. chim. Romania* 16, 61-74(1938); cf. *C. A.* **28**, 6020°.—The relative effectiveness of 4 charcoals, wood (I), blood (II), active Norit (III) and active Pick (IV) for the elimination of furfural, ethanal, AcOH, Et_2O, isoamyl and isobutyl alcs. from 12.5° EtOH-H_2O mixts. has been investigated for contents of these impurities varying from 0.5 to 3000 mg. For each expt. 1 g. of dry charcoal was employed. It was found that the adsorption of the impurities is proportional to the concn. except for AcOH where the adsorption followed the equation $c = \beta C^{1/p}$, where c is the amt. adsorbed, β is a const. and $1/p$ less than 1. The compds. with the high mol. weights are more easily adsorbed. There are, however, marked differences between the actions of the various charcoals whose efficiency for adsorption of the higher alcs. decrease in the order IV > III > II > I, the last showing no adsorption. Adsorption efficiency for the acids and aldehydes decreases in the order I = III > II = IV. The charcoals are classified into 2 kinds (1) those (I, III) with a large adsorptive power for acids, aldehydes and ethers and (2) those (II, IV) having small adsorptive power for these compds. All data are tabulated. III. **Elimination of methyl alcohol.** *Ibid.* 75-88.—Two series of distns. of ternary mixts. of H_2O, ethanol and methanol were made, one with 1% and the other with 2% methanol, the alc. content of the mixt. varying from 5° to 90° in 7 steps for each series. Each distn. consisted of collecting 10 fractions of 20 cc. each from an original vol. of 200 cc. The details of the results are given in tables and graphs. There was no fraction entirely free from methanol and for small concns. of this alc. the quantity present in each fraction was proportional to the initial concn. Per alc. contents up to 21° the first fractions contained less, the later fractions more, methanol in percentage than existed in the original mixt. For 40-90° solns. there is in the first fractions a purifying action which soon reaches a max., and the later fractions contain a greater percentage of methanol than existed in the initial mixt. For 80-90° solns. there is nearly a straight-line relationship with neg. slope between a fraction and its methanol content. It thus seems that this alc. cannot be sepd. from such mixts. by batch distn. Further expts. show that the methanol content of fermented plum liquor is not a function of the processing cycle but is formed solely during fermentation. The source of the methanol was further traced to fermentation of pulp and skin, the juice furnishing only a negligible percentage. H. A. Smith

The commercial manufacture of yoghurt milk. E. Brochu. *Milk Plant Monthly* **24**, No. 5, 37-40(1935).

A. H. Johnson

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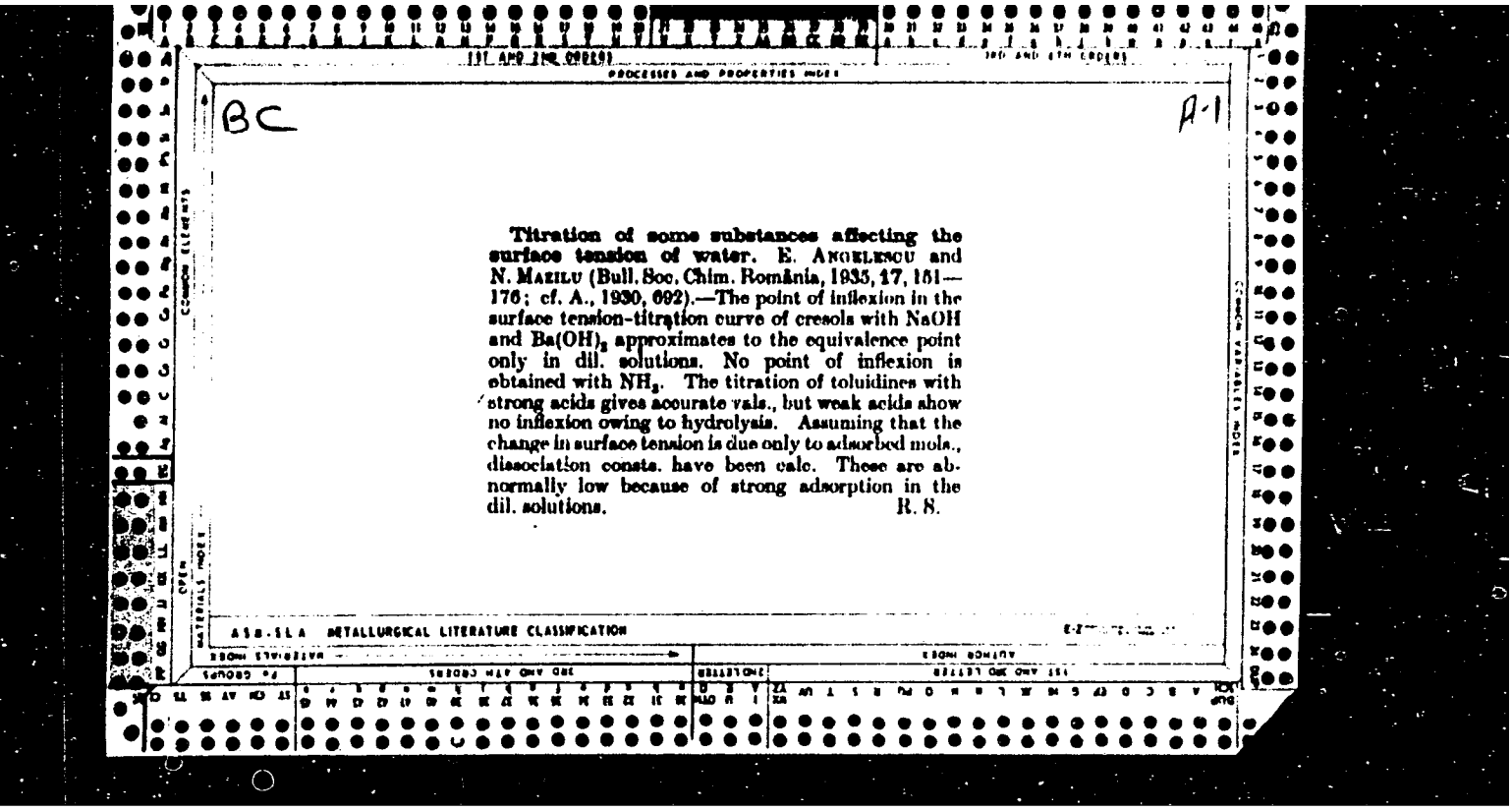

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A-1

Titration of some substances affecting the surface tension of water. E. ANGELESCU and N. MAZILU (Bull. Soc. Chim. România, 1935, 17, 161—176; cf. A., 1930, 692).—The point of inflexion in the surface tension-titration curve of cresols with NaOH and $Ba(OH)_2$ approximates to the equivalence point only in dil. solutions. No point of inflexion is obtained with NH_3. The titration of toluidines with strong acids gives accurate vals., but weak acids show no inflexion owing to hydrolysis. Assuming that the change in surface tension is due only to adsorbed mols., dissociation consts. have been calc. These are abnormally low because of strong adsorption in the dil. solutions. R. S.

A 35-51 A METALLURGICAL LITERATURE CLASSIFICATION

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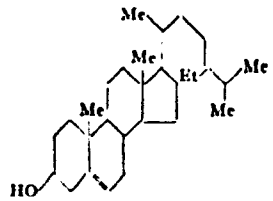
Structure of sitosterol. Mihail Vanghelovici and Harlu[illegible] N. Angelescu. *Bul. soc. chim. Romania* 17, 177-90 (1935).—Cholesterol, heated gently for 2 hrs. with an excess of *citraconic anhydride*, gives *cholesteryl citraconate* (I), m. 105°. Sitosterol, similarly treated, gives *sitosteryl citraconate* (II), m. 109°. The following derivs. of *chloro-6-cholestanone* (III) are prepd.: *oxime*, m. 178°; *semicarbazone*, m. 155°; *nitrophenylhydrazone*, m. 207°. Nitration of *sitosteryl chloride* with concd. HNO_3 and $NaNO_2$ at room temp. gives *nitrodehydrositosteryl chloride* (IV), m. 118°. Reduction of IV with Zn and AcOH gives *chloro-6-sitostanone* (V), m. 112°; *oxime*, m. 180°; *semicarbazone*, m. 207°; *nitrophenylhydrazone*, m. 188°. Reduction of III with Na + Hg in alc. gives *iso-6-cholestanone* (VI), m. 97°; *oxime*, 157°. V reduced in the same manner gives *6-sitostanone*, m. 77°; *oxime*, m. 173°. Oxidation of V with HNO_3 in AcOH gives a *chloro dibasic acid* (VII), $C_{11}H_{19}ClO_4$, m. 277°. VII, heated with Ac_2O, gives the *anhydride*. *Sitosteryl acetate* oxidized with CrO_3 in AcOH gives Me_2CO, indicating that the lateral chain in sitosterol is possibly *MeCH(CH$_2$)$_3$CH(CHEt-CHMe$_2$)*. Reduction of III and V by Clemmensen's method yields *isocholestyl chloride*, m. 110°, and *isositostyl chloride*, m. 108°, resp. In view of existing facts the following is suggested as the probable formula of sitosterol:



W. J. Peterson

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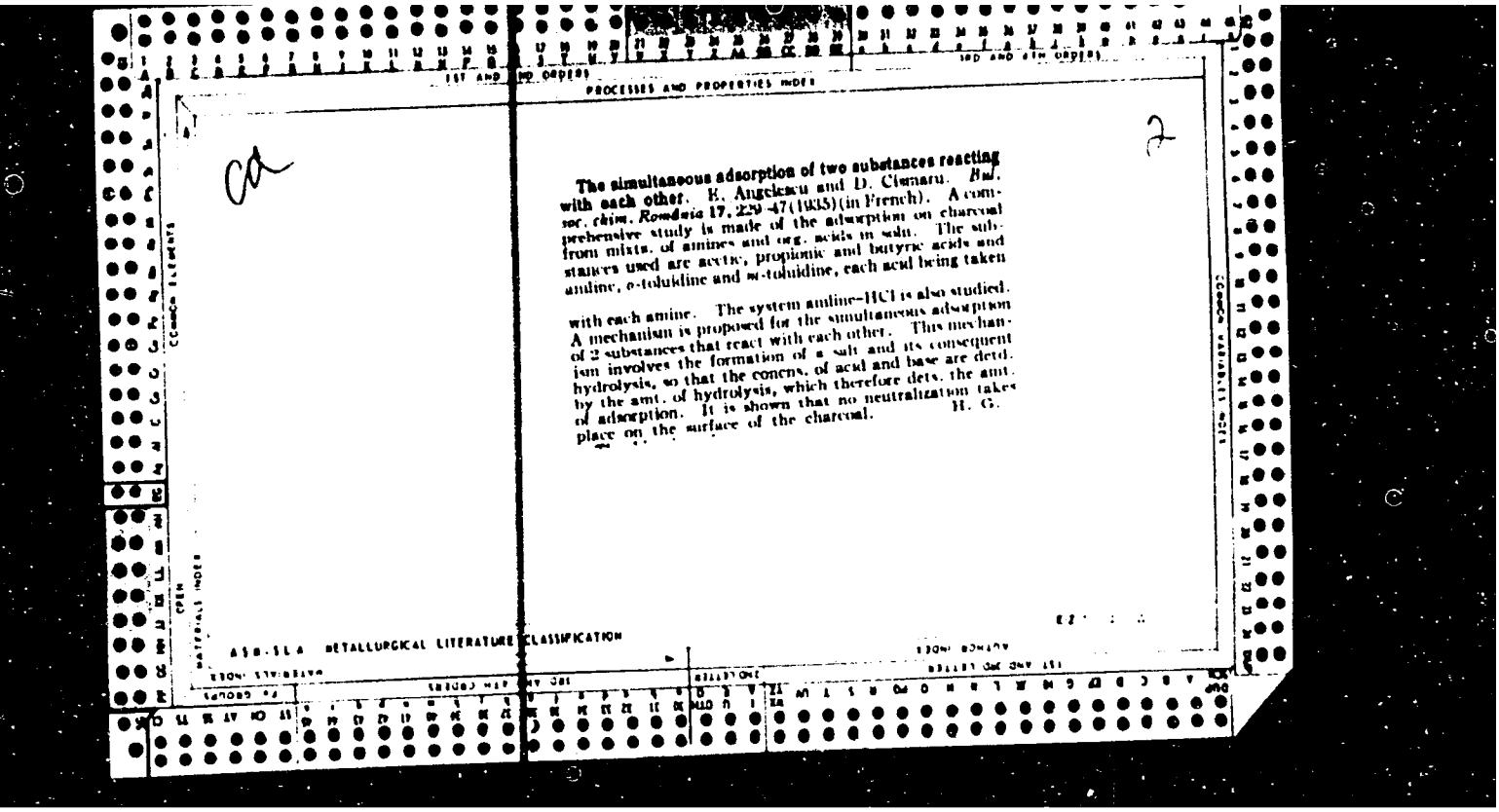

PROCESSES AND PROPERTIES INDEX

CA

2

The simultaneous adsorption of two substances reacting with each other. E. Angelescu and D. Ciumaru. *Bul. soc. chim. Romînia* 17, 229-47 (1935) (in French). A comprehensive study is made of the adsorption on charcoal from mixts. of amines and org. acids in soln. The substances used are acetic, propionic and butyric acids and aniline, o-toluidine and m-toluidine, each acid being taken with each amine. The system aniline–HCl is also studied. A mechanism is proposed for the simultaneous adsorption of 2 substances that react with each other. This mechanism involves the formation of a salt and its consequent hydrolysis, so that the concns. of acid and base are detd. by the amt. of hydrolysis, which therefore dets. the amt. of adsorption. It is shown that no neutralization takes place on the surface of the charcoal. H. G.

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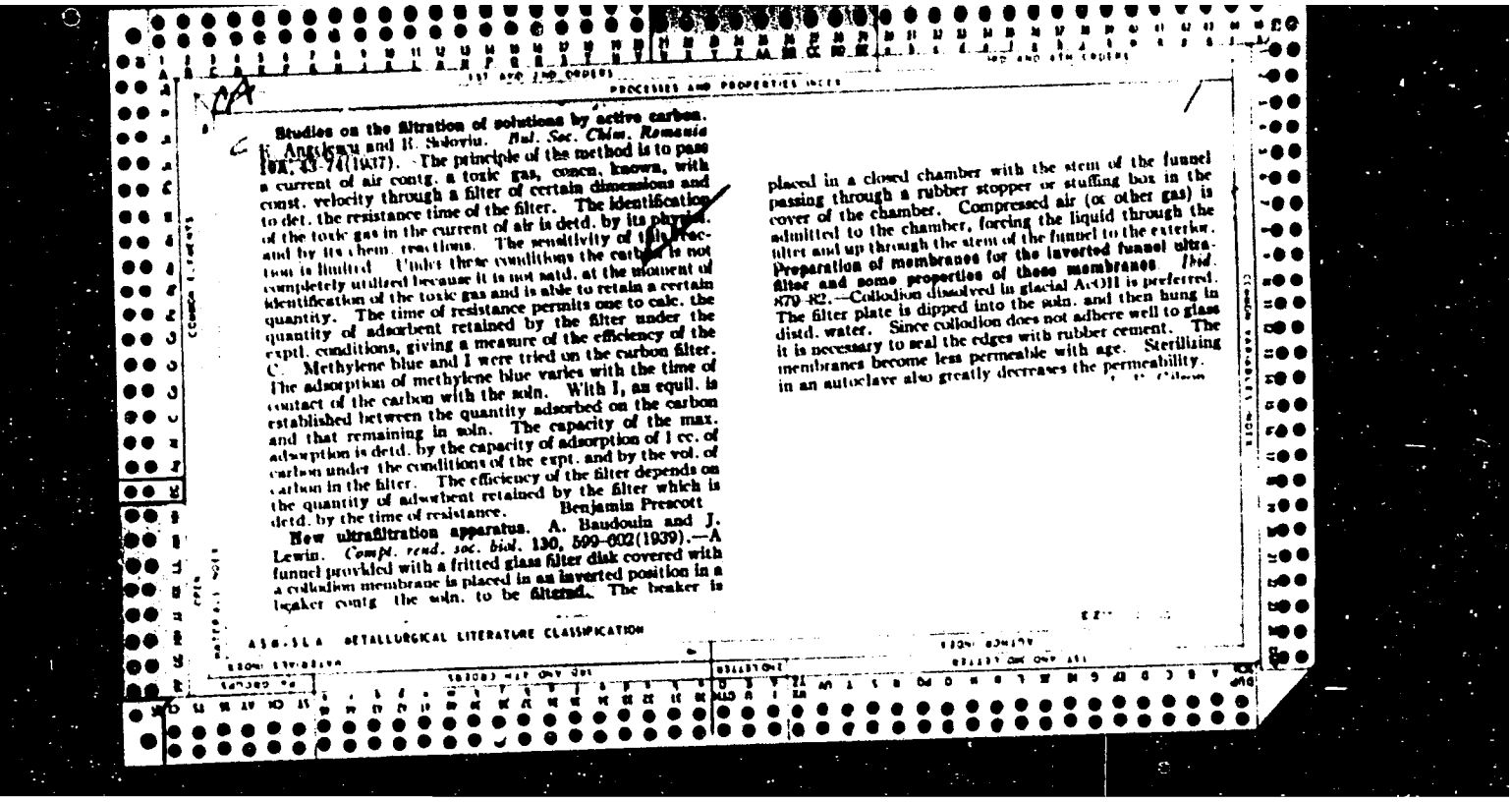

PROCESSES AND PROPERTIES INDEX

Studies on the filtration of solutions by active carbon. E. Angelescu and E. Sidoviu. *Bul. Soc. Chim. Romania* 19A, 43-74(1937). The principle of the method is to pass a current of air contg. a toxic gas, concn. known, with const. velocity through a filter of certain dimensions and to det. the resistance time of the filter. The identification of the toxic gas in the current of air is detd. by its physical and by its chem. reactions. The sensitivity of this reaction is limited. Under these conditions the carbon is not completely utilized because it is not satd. at the moment of identification of the toxic gas and is able to retain a certain quantity. The time of resistance permits one to calc. the quantity of adsorbent retained by the filter under the expt. conditions, giving a measure of the efficiency of the C. Methylene blue and I were tried on the carbon filter. The adsorption of methylene blue varies with the time of contact of the carbon with the soln. With I, an equil. is established between the quantity adsorbed on the carbon and that remaining in soln. The capacity of the max. adsorption is detd. by the capacity of adsorption of 1 cc. of carbon under the conditions of the expt. and by the vol. of carbon in the filter. The efficiency of the filter depends on the quantity of adsorbent retained by the filter which is detd. by the time of resistance. Benjamin Prescott

New ultrafiltration apparatus. A. Baudouin and J. Lewin. *Compt. rend. soc. biol.* 130, 599-602(1939).—A funnel provided with a fritted glass filter disk covered with a collodion membrane is placed in an inverted position in a beaker contg. the soln. to be filtered. The beaker is placed in a closed chamber with the stem of the funnel passing through a rubber stopper or stuffing box in the cover of the chamber. Compressed air (or other gas) is admitted to the chamber, forcing the liquid through the filter and up through the stem of the funnel to the exterior. **Preparation of membranes for the inverted funnel ultrafilter and some properties of these membranes.** *Ibid.* 879-82.—Collodion dissolved in glacial AcOH is preferred. The filter plate is dipped into the soln. and then hung in distd. water. Since collodion does not adhere well to glass it is necessary to seal the edges with rubber cement. The membranes become less permeable with age. Sterilizing in an autoclave also greatly decreases the permeability.

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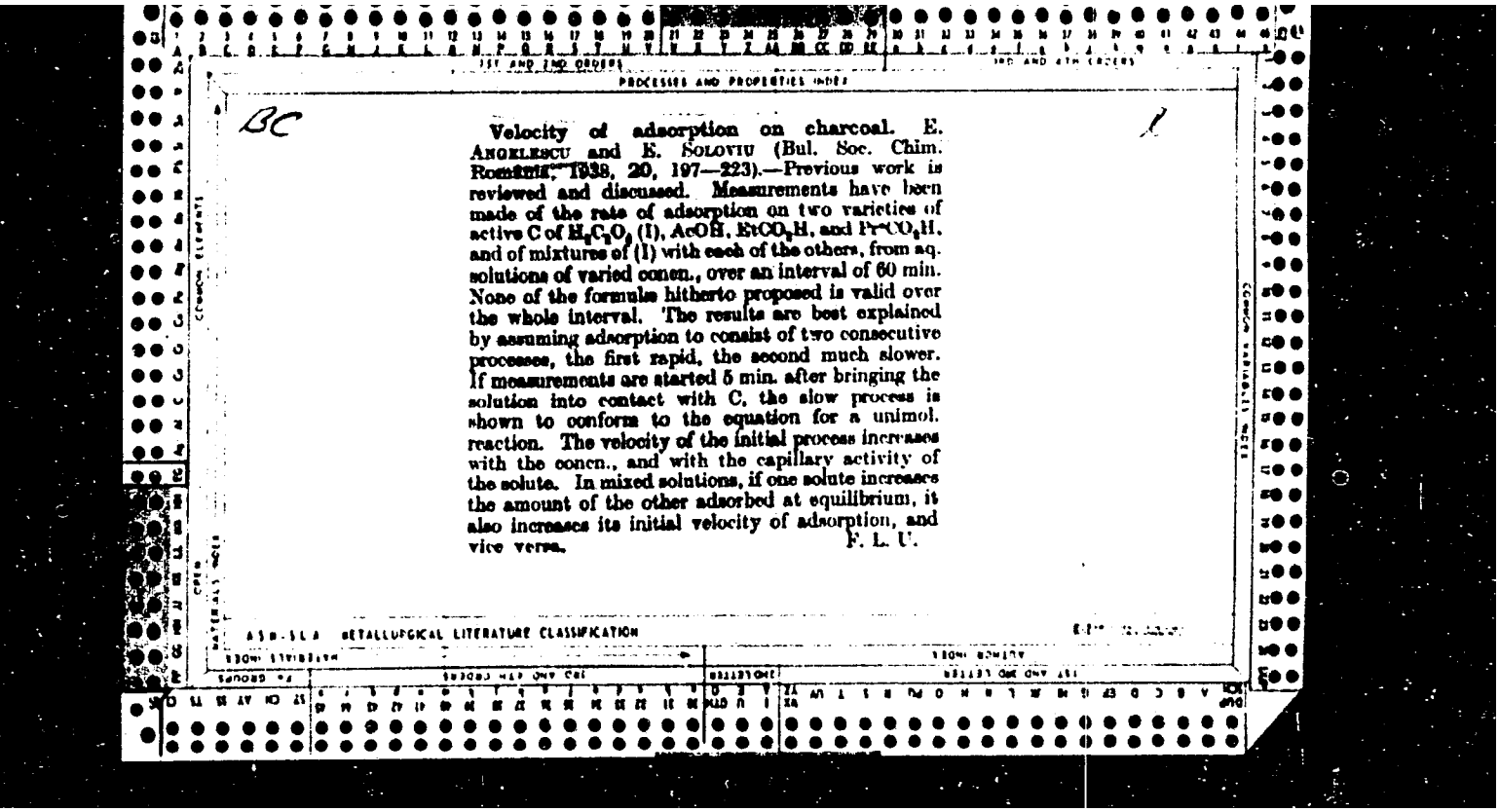

PROCESSES AND PROPERTIES INDEX

BC

1

Velocity of adsorption on charcoal. E. ANGHELESCU and E. SOLOVIU (Bul. Soc. Chim. Romînia, 1938, 20, 197—223).—Previous work is reviewed and discussed. Measurements have been made of the rate of adsorption on two varieties of active C of $H_2C_2O_4$ (I), AcOH, $EtCO_2H$, and $Pr^{\alpha}CO_2H$, and of mixtures of (I) with each of the others, from aq. solutions of varied concn., over an interval of 60 min. None of the formulæ hitherto proposed is valid over the whole interval. The results are best explained by assuming adsorption to consist of two consecutive processes, the first rapid, the second much slower. If measurements are started 5 min. after bringing the solution into contact with C, the slow process is shown to conform to the equation for a unimol. reaction. The velocity of the initial process increases with the concn., and with the capillary activity of the solute. In mixed solutions, if one solute increases the amount of the other adsorbed at equilibrium, it also increases its initial velocity of adsorption, and vice versa. F. L. U.

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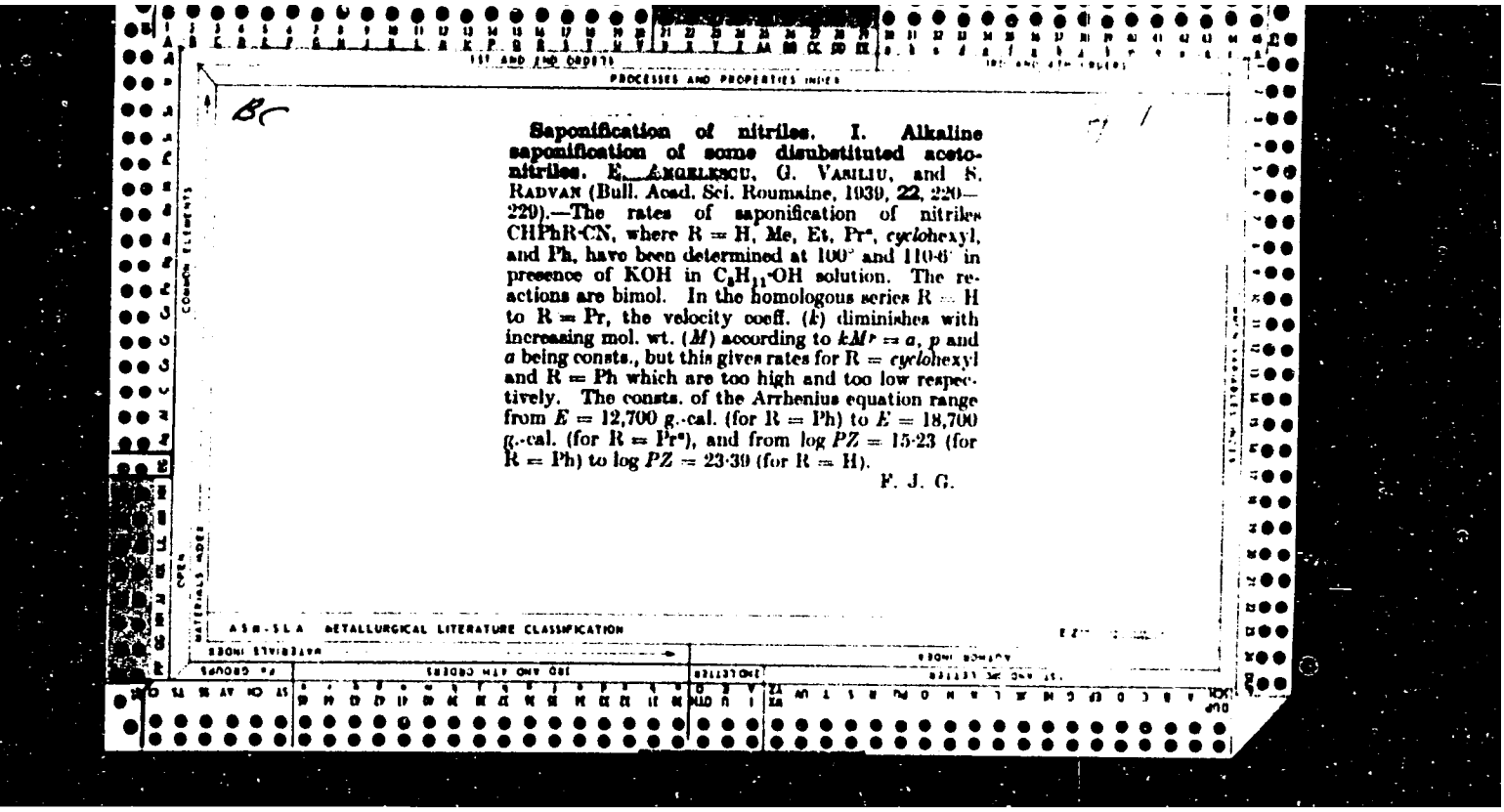

Saponification of nitriles. I. Alkaline saponification of some disubstituted aceto-nitriles. E. ANGELESCU, G. VASILIU, and S. RADVAN (Bull. Acad. Sci. Roumaine, 1939, **22**, 220—229).—The rates of saponification of nitriles $CHPhR{\cdot}CN$, where R = H, Me, Et, Pr$^{\alpha}$, *cyclo*hexyl, and Ph, have been determined at 100° and 110·6° in presence of KOH in $C_5H_{11}{\cdot}OH$ solution. The reactions are bimol. In the homologous series R = H to R = Pr, the velocity coeff. (k) diminishes with increasing mol. wt. (M) according to $kM^{p} = a$, p and a being consts., but this gives rates for R = *cyclo*hexyl and R = Ph which are too high and too low respectively. The consts. of the Arrhenius equation range from E = 12,700 g.-cal. (for R = Ph) to E = 18,700 g.-cal. (for R = Pr$^{\alpha}$), and from log PZ = 15·23 (for R = Ph) to log PZ = 23·39 (for R = H).

F. J. G.

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