L 24718-66 ENT(m)/T DJ/WE

ACC NR: AP6009548 SOURCE CODE: UR/0413/66/000/005/0081/0081

INVENTOR: Tseruashvili, G. Ye.; Supatashvili, M. Sh.; Chokheli, G. D.

ORG: none

TITLE: Method for determining the atomization property of water solutions and their deposition weight of an area unit. Class 42, No. 179507

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 5, 1966, 81

TOPIC TAGS: atomization, diesel fuel, deposition weight

ABSTRACT: An Author Certificate has been issued for a method of determining the atomization property of water solutions and their deposition weight on an area unit, with the aid of a drop-collecting oily medium. To increase the determination accuracy, a two-phase medium is used, such as motor oil or diesel fuel in which the spherical drops being studied, are situated in a single plane at the boundary of these media and are not subject to evaporation and spreading. [NT]

SUB CODE: 20, 11/ SUBM DATE: 04Mar65/

UDC: 632.982.532.69

Card 1/1

S PALASHVILI, Sh. N.

Sup[illegible]shvili, Sh. N.- "Materials on a study of the long-horned oak beetle (Cerambyx cerdo acuminatus Motsch) and measures of combatting it under the prevailing Conditions of the Akhmet national reservation forest," Trudy In-ta Zoshchity rasteniy (Akad. nauk Gruz. SSR), Vol. V, 19[illegible], pl. 263-65, (In Georgian, resume in Russian)

SO: U-4032, 20 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

USSR/General and Specialized Zoology - Insects. F.

Abs Jour : Ref Zhur - Biol., No 8, 1958, 35324

Author : Supatashvili, Sh.M.

Inst : Institute for Plant Protection, Academy of Sciences Georgian SSR.

Title : The Results of the Study of Injurious Insects on the Chestnut Tree in Western Georgia.

Orig Pub : Tr. In-ta zashchity rast. AN GruzSSR, 1956, 11, 171-188.

Abstract : Forty four species of pestiferous insects were found on the chestnut tree, two species of the grasshopper, one-of the cricket; four species of aphids, five -cocilde; four-of the weevil, tow -of the brown-tail moth, two-of the May beetles, twelve-of the long-horned beetle, four species-of the bark beetle, seven-of lepidoptera, one-of the saw flies, especially damaging were the chestnut

Card 1/2

SUPATASHVILI SH. PP.

USSR / General and Specialized Zoology. Insects. P

Abs Jour: Ref Zhur-Biol., No 2, 1958, 6809.

Author : Supatashvili.
Inst : Institute of Pests Control, AS GSSR.
Title : A Contribution to the Study of Injurious Insects Attacking the Forest Species of Mtatushetiya.

Orig Pub: Tr. In-ta zashchity rast. AN Gruz SSR, 1956, 11, 285-292.

Abstract: In the forestry of Mtatushetiya in Georgia, the following species of injurious pests were found: 13 species for the pine, 3 for the birch tree, 3 for the aspen, 1 for the wild apple tree. Of these, Blastophagus piniperda L. and Blastophagus minor Hart. are of economic importance for forestry. -- A. P. Adrianov.

Card 1/1

SUPATASHVILI, Sh.M.

Studying the bark beetle Dendroctonus micans Kugel. in Georgia.
Soob. AN Gruz. SSR 19 no.5:611-612 N '57. (MIRA 11:6)

1.Institut zashchity rasteniy Ministerstva sel'skogo khozyaystva Gruz5SR, Tbilisi. Predstavleno akademikom L.A. Kanchaveli.
(Georgia--Bark beetles)

SUPATASHVILI, Sh.M.; KHARAZISHVILI, K.V.

Study of gallflies (Hymenoptera, Cynipidae) in the oak forests of Georgia. Soob. AN Gruz. SSR 35 no.3:675-680 S '64. (MIRA 17:11)

1. Gruzinskiy institut zashchity rasteniy, Tbilisi. Predstavleno chlenom-korrespondentom AN GruzSSR.

[illegible], Sh.M.; MIKHAVRIYA, A.I.; [illegible], B.V.

Materials on the application of chemical preparations against Dendroctonus micans Kugel. Soob. AN Gruz. SSR 36 no.1:169-173 O '64. (MIRA 18:3)

1. Institut rashchity rasteniy, Tbilisi. Submitted April 16, 1964.

SUPATASHVILI, Sh.M.; KUKHASHAVRIYA, A.L.; MURUSIDZE, B.V.

The spruce bark beetle Dendroctonus micans in Georgia and its control. Biul. Glav. bot. sada no.56:68-72 '64.
(MIRA 18:5)

1. Institut zashchity rasteniy Ministerstva sel'skogo khozyaystva Gruzinskoy SSR, Tbilisi.

[illegible] [illegible], [illegible], [illegible], MUKHASHAVRIIA, A.L.

[illegible] of the study of [illegible] characteristics of the [illegible] in Georgia. [illegible] AN Gruz. SSR [illegible] no.[illegible] [illegible] My '65. (MIRA [illegible])

1. [illegible] Gruzinskoy SSR (for [illegible]).

SUPATAYEVA, N.B.

Block of the crus of the bundle of His in hypertension and atherosclerosis. Sov.zdrav.Kir. no.1:3-8 Ja-Fe '63. (MIRA 16:3)

1. Iz Instituta terapii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. A.L. Myasnikov).
(HYPERTENSION) (CORONARY VESSELS--DISEASES)

RUMANIA / Cosmochemistry. Geochemistry. Hydrochemistry. D

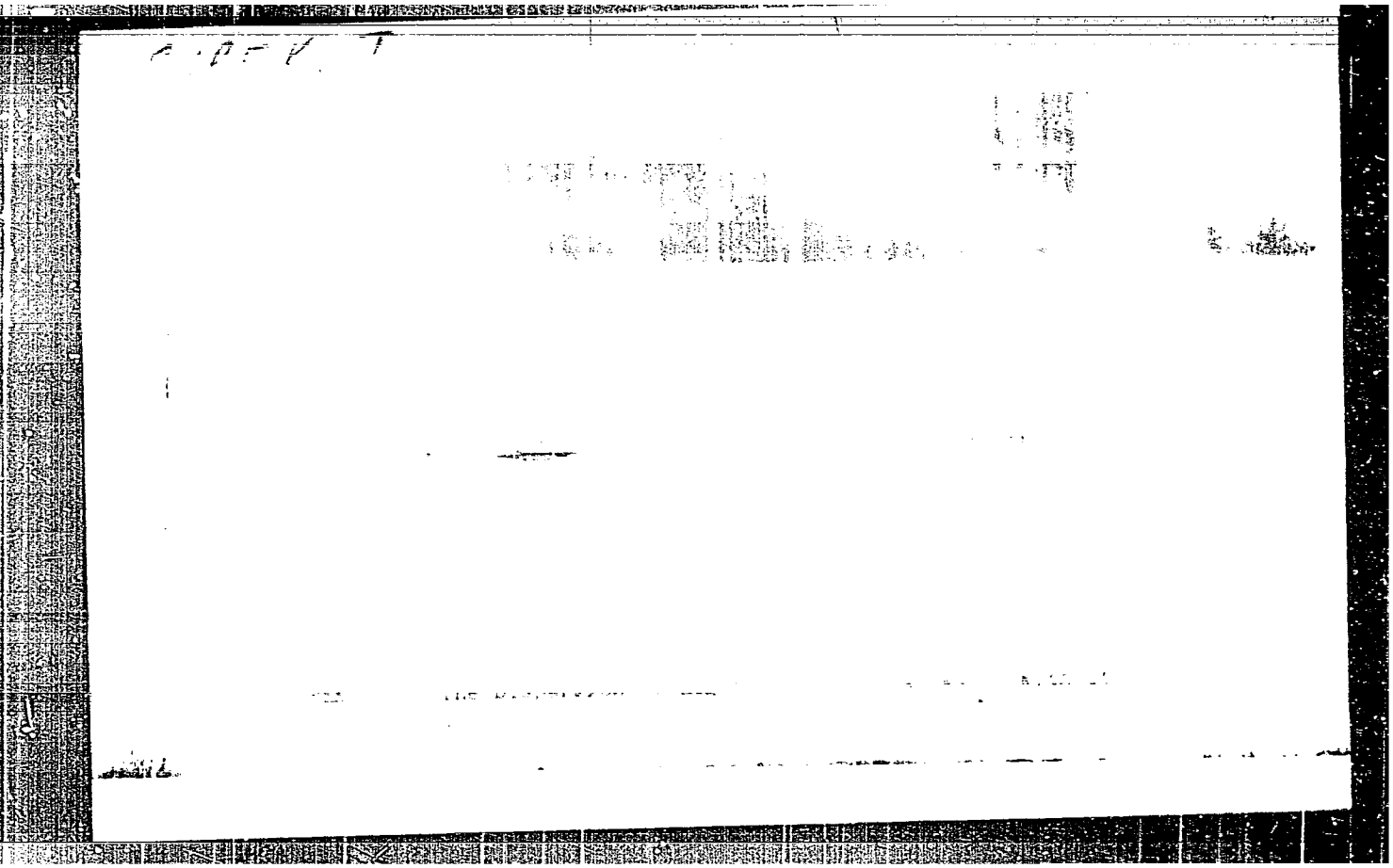
Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 797.

Author : Supefceanu, C.
Inst : Not given.
Title : The Mineralographic Study on the Mineralization of Copper in Deva-Transylvania.

Orig Pub: Rev. minelor., 1958, 9, No 3, 112-125.

Abstract: The mineralization of the stockwork type is coordinated with the andesite mountain range (Transcarpathian neovolcanic region). Based on the data of mineralographic investigations, three phases of the mineralization have been outlined and the fundamentals of the para-genesis were established. The major minerals are - quartz, borite, chalcopyrite, molybdenite, hematite, calcite, kaolin; the minor ones - gold, enargite, chalcozine, digenite, halen-

Card 1/2



ŠUPEK, Ivan

Korespondencija klasične i kvantne elektrodinamike. Zagreb, Jugoslavenska akademija znanosti i umjetnosti, 1953. 23-48 p. (Correspondence of classic and quantic electrodynamics. bibl.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

SUPEK, I

TECHNOLOGY

SUPEK, I. Ruder Boskovic, founder of the new atomism; 200th anniversary of the book Teorije prirodne filozofije (Theory of Natural Philosophy). p. 3

Vol. 5, no. 6, 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass

[illegible], S.; [illegible], I.; [illegible], D.

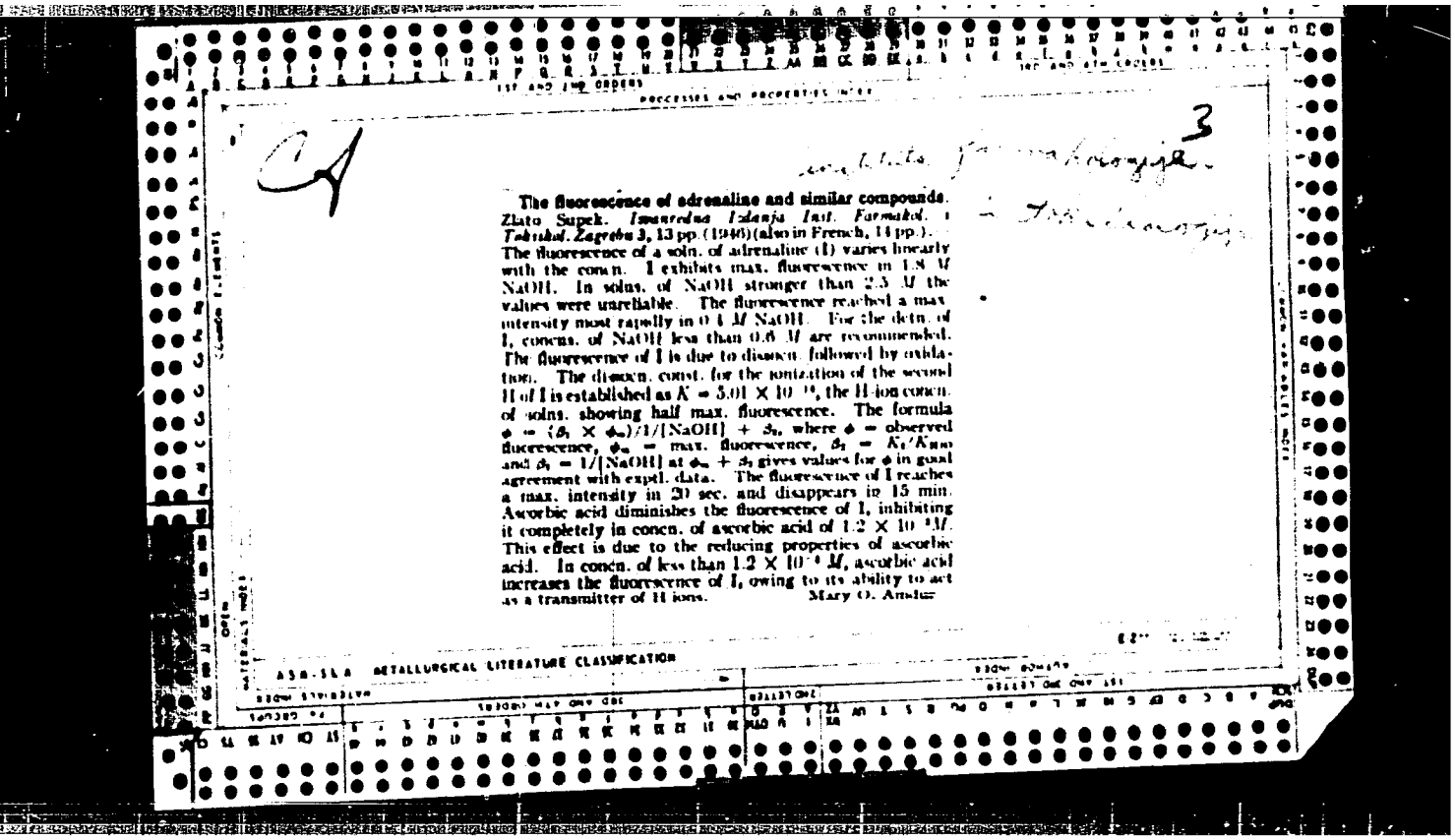
Underground water in southern Slovakia. p. 32.

Vol. 3, no. 1/2, 1955
[illegible]
Bratislava, Czechoslovakia

Source: East European Accession List. Library of Congress
Vol. 5, No. 8, August 1956

PROCESSES AND PROPERTIES INDEX

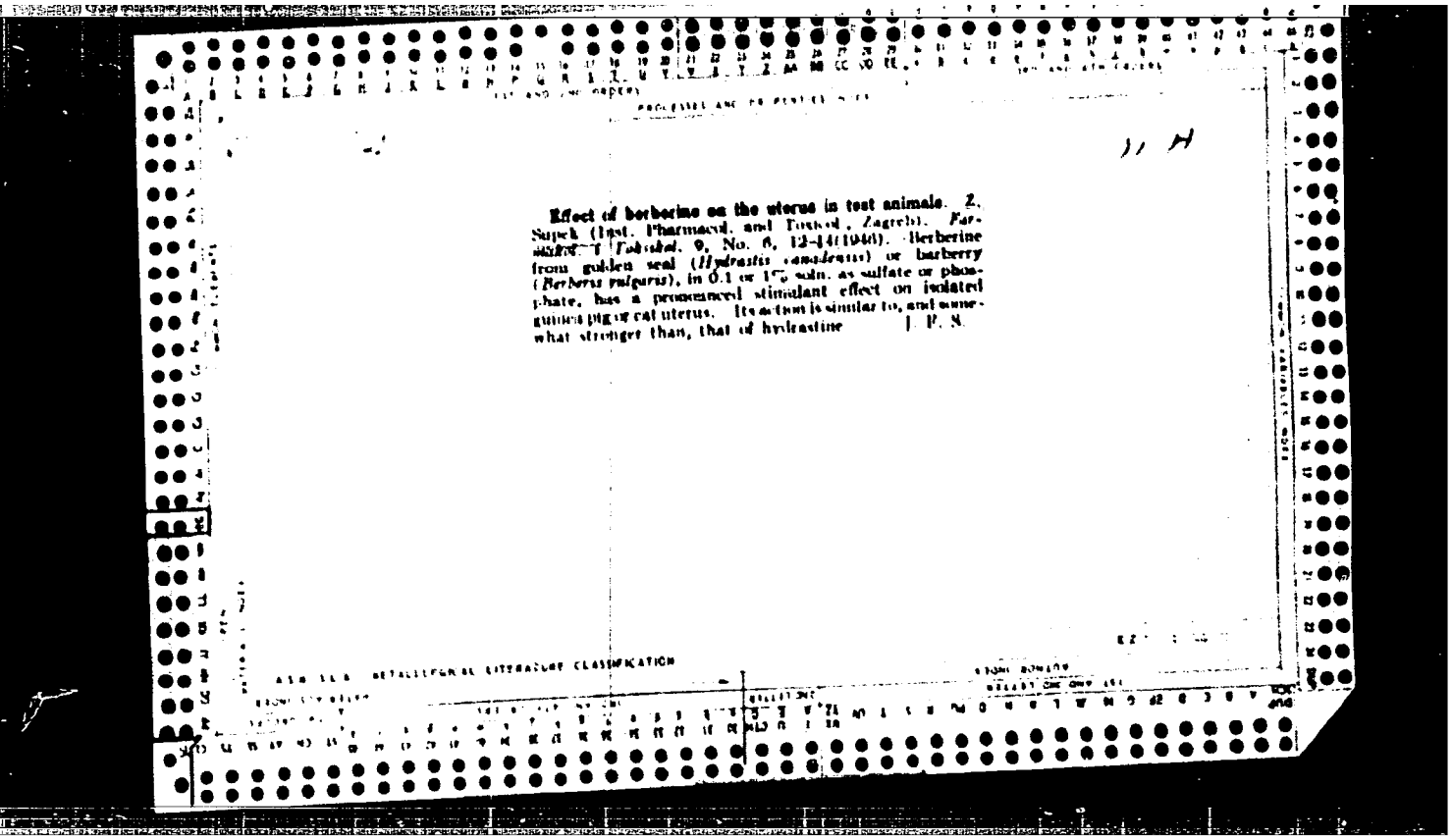
Pharmacological and chemical investigation of barberry (Berberis vulgaris). Z. Supek and D. Tomić. *Liječnički Vjesnik* **68**, No. 1-2, 1-10 (reprint of *Liječnički Vjesnik* **68**, 10-18) (1946).—The purpose of the research was to examine the chem. and pharmacol. properties of the domestic drug of *Berberis vulgaris* and to compare it with that of the foreign drug of *Hydrastis canadensis* (goldenseal). Chemically it was found that the active principle of barberry (berberine) was contained in the rootbark (0.1%) and to a lesser degree in the wood of the root (0.1%). The amt. of berberine present was detd. gravimetrically by means of picrolonic acid. No traces of tannin could be revealed. For pharmacol. studies, a 5% decoction of *Cort. rad. berberidis* with a sp. gravity 1.0071 contg. 0.18% berberine was used. Both drugs act on the isolated guinea pig uterus qualitatively in the same way. Quantitatively barberry is more effective due to its higher content of berberine. Since the drug hydrastis acts on the isolated uterus also after removal of hydrastine, S. and T. conclude that berberine is one of the most active principles of the drug hydrastis in its action on the isolated guinea pig uterus. E. J. Freith



The fluorescence of adrenaline and similar compounds. Zlato Supek. *Imunološka Izdanja Inst. Farmakol. i Toksikol. Zagrebu* 3, 13 pp. (1946)(also in French, 14 pp.). The fluorescence of a soln. of adrenaline (I) varies linearly with the concn. I exhibits max. fluorescence in 1.8 *M* NaOH. In solns. of NaOH stronger than 2.5 *M* the values were unreliable. The fluorescence reached a max. intensity most rapidly in 0.4 *M* NaOH. For the detn. of I, concns. of NaOH less than 0.6 *M* are recommended. The fluorescence of I is due to dissocn. followed by oxidation. The dissocn. const. for the ionization of the second H of I is established as $K = 5.01 \times 10^{-13}$, the H-ion concn. of solns. showing half max. fluorescence. The formula $\phi = (\delta_1 \times \phi_m)/1/[NaOH] + \delta_1$, where ϕ = observed fluorescence, ϕ_m = max. fluorescence, $\delta_1 = K_1'/K_{H_2O}$ and $\delta_1 = 1/[NaOH]$ at $\phi_m + \delta_1$ gives values for ϕ in good agreement with expt. data. The fluorescence of I reaches a max. intensity in 20 sec. and disappears in 15 min. Ascorbic acid diminishes the fluorescence of I, inhibiting it completely in concn. of ascorbic acid of 1.2×10^{-3} *M*. This effect is due to the reducing properties of ascorbic acid. In concn. of less than 1.2×10^{-4} *M*, ascorbic acid increases the fluorescence of I, owing to its ability to act as a transmitter of H ions. Mary O. Anslow

CA

Fluorescence of adrenaline and analogs. I. Influence of pH on the fluorescence of adrenaline; dissociation constant of adrenaline. Zlatko Supek (Inst. Farmakol. Toksikol. Zagreb, Yugoslavia). *Imunološka Istraživanja Inst. Farmakol. i Toksikol. Zagrebu* 3, 38-61(1961)(French summary).—Adrenaline is determined fluorometrically, use being made of the 366-mμ line of a Hg-vapor quartz lamp, and a Se photo cell. Max. fluorescence occurs in 1.8 *M* NaOH soln. The dissocn. const. is calcd. to be 5.01×10^{-14}. Fluorescence of adrenaline is related to an autoxidation and is inhibited by ascorbic acid. Wm. M. McCord



Effect of berberine on the uterus in test animals. Z. Supek (Inst. Pharmacol. and Toxicol., Zagreb). *Farmakol. i Toksikol.* 9, No. 6, 12–14 (1948). Berberine from golden seal (*Hydrastis canadensis*) or barberry (*Berberis vulgaris*), in 0.1 or 1% soln. as sulfate or phosphate, has a pronounced stimulant effect on isolated guinea pig or cat uterus. Its action is similar to, and somewhat stronger than, that of hydrastine. J. P. S.

Supek, Z.

Influence of ferrous ions on 5-hydroxytryptamine action. S. Milković, Z. Supek, and J. Talarsky (Univ. Zagreb, Yugoslavia). *Naunyn-Schmiedebergs Arch. exptl. Pathol. Pharmakol.* 227, 221-3(1955).—The increase or decrease of blood pressure caused by 5-hydroxytryptamine in anesthetized dogs and rabbits is markedly attenuated by prolonged infusion of ferrous salts. The Fe^{++} abolishes the vasoconstriction by 5-hydroxytryptamine in the perfused rabbit ear. There is no such antagonism in the action on the isolated rat uterus or colon. A. E. Meyer

MD

(27)

Naunyn-Schmiedeberg's Archiv fuer experimentelle Pathologie und Pharmakologie.

Su..., Z.

4531. **Ferrous ions and the actions of 5-oxytryptamine.** S. Milković, Z. Supek and J. Taborsky *Arch. exp. Path. Pharmak.*, 1955, **227**, 221–223 (Dept. of Pharmacol., Zagreb Univ., Jugoslavia).—In dogs and rabbits anaesthetised with urethane or chloralose, and in isolated perfused rabbit ears, but not in the isolated rat uterus or colon, $FeSO_4$ antagonises the vascular effects of 5-oxytryptamine. (German) P. Mestitz.

3

Med

archiv fuer experimentelle Pathologie und Pharmakologie

5243. Quantitative biological determination of 5-hydroxytryptamine. Z. Supek and S. Milković *Experientia, Basel*, 1956, 12, 71—72 (Dept. of Pharmacol., Med. Faculty, Univ. of Zagreb, Yugoslavia).

SUPEK, Z.

Quantitative biological determination of 5-hydroxytryptamine. Z. Supek and S. Milković (Univ. Zagreb, Yugoslavia). *Experientia* 12, 71-2(1956)(in English).—Rat uterus and rat colon preps. were compared for assay purposes. The latter was found to be the more advantageous.
D. S. Farner

Supek Z.

Action of 5-hydroxytryptamine and lysergic acid diethylamide on the hypophysealadrenocortical system. S. Milkovic and Z. Supek. Naunyn-Schmiedebergs Arch. exptl. Pathol. Pharmakol. 228, 116(1956). --Serotonin in high doses of 0.3 mg./100 g. rat causes eosinopenia. This effect is not prevented by lysergic acid diethylamide, which otherwise inhibits many of the effects of serotonin.

A. E. Meyer

(clipped abstract)

V

YUGOSLAVIA/Pharmacology - Toxicology - Tranquilizers.

Abs Jour : Ref Zhur Biol., No 4, 1959, 18525

Author : Supek, Zlatko; Uroic-Zahradnik, Bozena
Inst :
Title : The Influence of Reserpin on the Vascular System of Rabbits.

Orig Pub : Acta pharmac. jugosl., 1958, 8, No 2, 83-86

Abstract : No abstract.

Card 1/1

SUPEK, Zlatko (Zagreb); UROIC, Bozena (Zagreb)

Vascular reactivity after haemorrhage. Biol glas 13 no.4:387-388 '60.

1. Zavod za farmakologiju Medicinskog fakulteta u Zagrebu.

(HAEMORRHAGE)

SUPEK, Z.

SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: not given

Affiliation: not given

Source: Zagreb, Farmaceutski Glasnik, No 4-5, April-May 1961, p. 131.

Data: Book Review: "A Short Review of Pharmacodynamics" by Guillaume Valette.

SUPEK, Z.
Surname (in caps); Given Names

Country: Yugoslavia

Academic Degrees: not given

Affiliation: not given

Source: Zagreb, Farmaceutski glasnik, No 7-8, July-August 1961, pp 282-283.

Data: Book Review: "Adrenergic Mechanisms," Symposium, J. R. Vane, G. E. W. Wolstenholme, and O'Connor eds. (British).

RANDIC, M.; SUPEK, Z.

Excretion of 5-hydroxyindoloctene acid in the urine of normal and adrenalectomized rats after irradiation. Bul sc Youg 7 no.1/2:13 F-Ap '62.

1. Institut "R. Boskovic," Zagreb.

*

SUPEK, Z.; RANDIC, M.; LOVASEN, Z.

Radioprotective action of some indolealkylamines. Bul sc Youg 7 no.1/2:19 F-Ap '62.

1. Institut "Ruder Boskovic," Zagreb.

KOZIELSKI, Henryk, inz.; SKRETNY, Slawomir, inz.; SUPEL, Jan, inz.; CEBULA, Pawel, inz.; GAJEWSKI, Kazimierz, techn.; PROCHASKA, Augustyn, techn.; GORNIK, Alojzy, techn.

Works rewarded and distinguished at the 5th National Contest of Rationalizers in the field of electric power economy. Increased capacity of piston compressors through raised suction pressure by means of blowers. Energetyka przem 10 no.2:64-66 '62.

L 11407-63 EPR/EPF(c)/EWP(q)/ S/032/63/029/005/021/022
EWT(m)/BDS ASD/AFFTC Ps-4/Pr-4 WH/K

AUTHORS: Supelov, S. V., Dorzhieyev, M. N. and Plechev, V. N. 67

TITLE: Dilatometer for study of thermal expansion of graphite 5

PERIODICAL: Zavodskaya laboratoriya, v. 29, no. 5, 1963, 624-625

TEXT: A device has been designed which measures the length of a test piece 150 mm long and 18 mm in diameter at 100° intervals during heating from 100 to 1000°C. The accuracy is within ± 0.001 mm. While oxidation is possible at 600°, graphite was heated to 1000° without use of an inert atmosphere. An incomplete hermetic seal with graphite plugs is sufficient to permit measuring a given test piece three times. Tests indicated that this device can be used to determine the thermal coefficient of linear expansion and the coefficient of anisotropy in investigating the material of graphite electrodes at temperatures up to 1000°C. There are two figures.

ASSOCIATION: Chelyabinskiy pedagogicheskiy institut and Chelyabinskiy elektrometallurgicheskiy kombinat (Chelyabinsk Pedagogical Institute and Chelyabinsk Electrometallurgical Combine)

lm/
Card 1/1

MOLODENKOV, M.N., dotsent; SUPER, N.A.; KATSMAN, M.D.

Clinical use of andaxin with promedol in emergency surgery.
Khirurgiia no.11:111-114 '61. (MIRA 14:12)

1. Iz kliniki obshchey khirurgii (zav. - prof. V.A. Ivanov) II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni N.I. Pirogova i 4-y Gorodskoy klinicheskoy bol'nitsy (glavnyy vrach F.G. Papko) Moskvy.
(MEROBAMATE) (PROMEDOL) (SURGERY)

IVANOV, V. A., prof.; SUPER, N. A.

Surgery for acute cholecystitis. Khirurgiia 37 no.7:3-9 Jl '61.
(MIRA 15:4)

1. Iz kliniki obshchey khirurgii (zav. - prof. V. A. Ivanov) lechebnogo fakul'teta II Moskovskogo gosudarstvennogo meditsinskogo instituta im. N. I. Pirogova i 4-y Gorodskoy klinicheskoy bol'nitsy (glavnyy vrach G. F. Papko)

(GALL BLADDER--SURGERY)

SUPER, N.A.; BERDNIKOV, V.A.

Differential diagnosis of a closed craniocerebral trauma. Khirurgiia 39 no.5:80-82 My '63. (MIRA 17:1)

1. Iz kliniki obshchey khirurgii lechebnogo fakul'teta (zav. - prof. V.A. Ivanov) II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni N.I. Pirogova i 4-y Gorodskoy klinicheskoy bol'nitsy (glavnyy vrach - kand. med. nauk G.F. Papko) Moskvy.

SUPERANSKAYA, A. V. (Moscow)

"Personal Names in Machine Translation,"

Theses - Conference on Machine Translations, 15 - 21 May 1958, Moscow.

SUPERANSKAYA, A.V.

Against simplification in toponymy. Vop. geog. no.58:151-154 '62.
(MIRA 15:9)

(Cities and towns) (Names, Geographical)

SUPERANSKAYA, A.V.

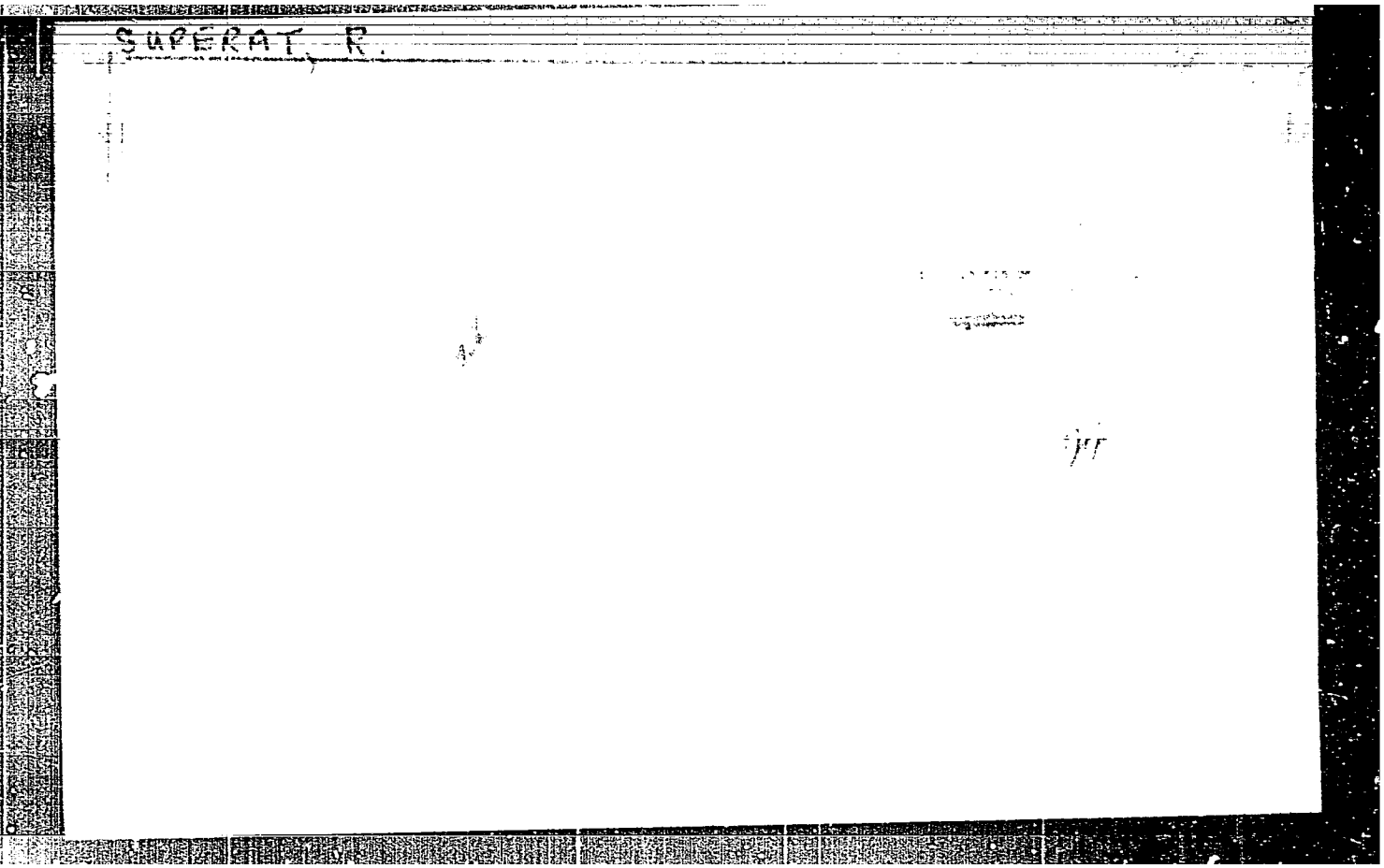
Work report of the Toponymic Commission from March 1959 to December 1961. Vop. geog. no.58:171-176 '62. (MIRA 15:9)

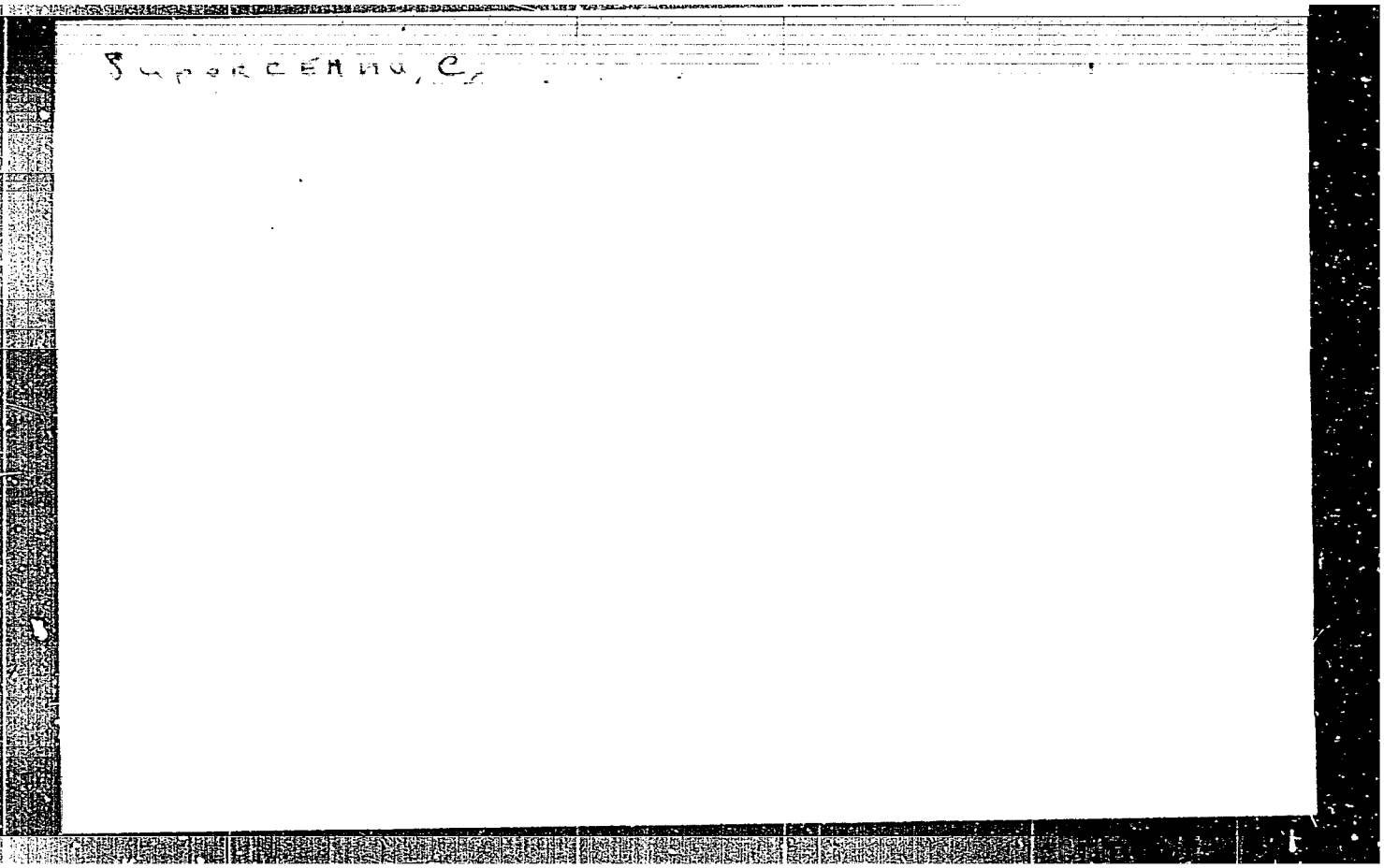
1. Uchenyy sekretar' toponimicheskoy komissii pri Otdelenii istorii geograficheskikh znaniy i istoricheskoy geografii Moskovskgo filiala Geograficheskogo obshchestva SSSR.
(Names, Geographical—Congresses)

[illegible], J.

"Influence of Transfers Received on the Execution of the Plan of Gloss Production with Prices Remaining Unchanged.", p. 24, (GOSPODARKA MIESNA, Vol. 7, No. 1, Jan. 1955, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5, May 1955, Uncl.



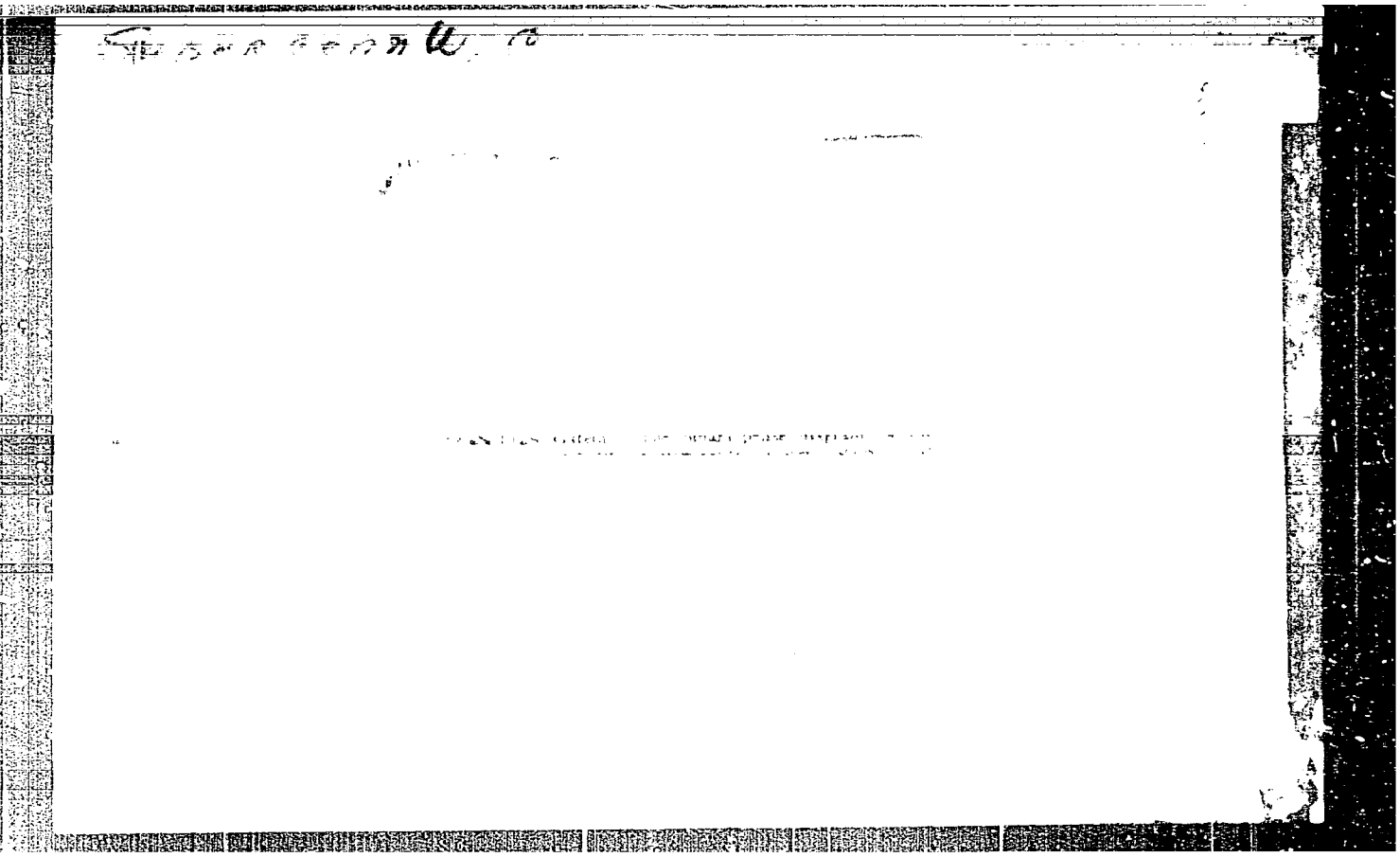


SUPERB AN, C.

Concerning New Cobalt-bearing Mineralizations in the Southern Banat Region. Revista Minelor (Mining Journal), #10:341: Oct 55

[redacted], C.

Iron Ores with Scheelite Inclusions from the Eastern Banat Region. Revista Minelor (Mining Journal), #11:3[illegible]9: Nov 55



SUPERCEANU, C.

RUMANIA/ Chemical Technology. Chemical Products and Their Application. Mineral salts. Oxides. Acids. Bases I-5

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12345

Author : Maieru O., Superceanu C.
Title : Ilmenite and Zircon Alluviums -- A New Source of Raw Material for the Production of Titanium

Orig Pub : Aluviunili cu ilmenit si zircon, noi surse de materii prime pentru industria produselor de titan. Rev. chim., 1956, 7, No 3, 145-147 (Rumanian; Russian and German summaries)

Abstract : Description of chemical and mineralogical characteristics of alluvial sands discovered in the South Carpathian massif and consisting essentially of $FeTiO_3$, $ZrSiO_4$, Fe_3O_4, TiO_2, garnets, apatites, etc. Total content of metal ores in the discovered sands reaches ~ 3%. Laboratory experiments on concentration of the sands by means of K_2HgI_4 (Sp.Gr. 3.2) have shown the possibility of

Card 1/2 - 18 -

RUMANIA/ Chemical Technology. Chemical Products and Their Application. Mineral salts. Oxides. Acids. Bases I-5

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12345

removing most of the components having a specific gravity of less than 3 (quartz, feldspar, etc.) and to produce in this manner various concentrates containing 17-27% Ti and 0.3-0.4% Zr. It is recommended to effect industrial concentration of the sands by means of hydrocyclones or high density media.

Card 2/2 - 19 -

SUFERCEANU, C.

New appearance of scheelite in contact layers from the geochemical district of banatites. I. p. 270.

REVISTA MINELOR

Vol. 7, no. 4, Apr. 1956

Rumania

Source: EAST EUROPEAN LISTS Vol. 5, no. 10 Oct. 1956

SUFFRCEANU, C.

New appearance of scheelite in contact layers from the geochemical district of banatites. II. p. 230.

REVISTA MINELOR

Vol. 7, no. 5, May 1956

Rumania

Source: EAST EUROPEAN LISTS Vol. 5, no. 10 Oct. 1956

SUPERCEANU, C.

Rare minerals in granitic pegmatites from the Banat. p. 140.

(REVISTA MINELOR. Vol. 8, No. 3, Mar. 1957, Bucuresti, Rumania)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

SUPERCEANU, C.

RUMANIA/Cosmochemistry, Geochemistry, Hydrochemistry D

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, No 7467

Author : C. Superceanu, O. Maieru
Inst : Not Given
Title : Raw Material Bases

Orig Pub : Rev. chim. 1957, 8, No 4, 221-227

Abstract : Mineralogical composition of alluvial deposite of the Pre-Carpathian zone of Fagarash Mountains was studied. Following minerals are described: ilmenite, zircon, rutile, titanite, magnetite, gold, chromite, apatite, disthene, sillimanite and garnets. Chemical composition of ilmenite (in %) is : TiO_2 50-52.5; FeO 40-43; MgO 1-2; MnO 0.8-1.2; Al_2O_3 0.1-0.6; Fe_2O_3 2-6.4; V_2O_5 0.0002-0.01. Chemical composition of rutile is (in %): TiO_2 95.02; $FeO + Fe_2O_3$ 3.20; Mn 0.32; Sn 0.002-0.01; Nb 0.001-0.006. Chemical composition of spessartite (in %) is: Mn 12.4; Ti 1.12; V 0.03; Al_2O_3 18.6; Fe 10.2; SiO_2 37.8. Qualitative spectrum analyses were made. The obtained sane concentrates contain 40% TiO_2 and 20% ZrO_2 and can be used as ores.

Card : 1/1

Superano, C

12

The paragenesis of the scheelite and of the wolframite from the ore beds of Baia Sprie C. Supuscanu

5

RUMANIA/Cosmochemistry. Geochemistry. Hydrochemistry. D

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 73603.

Author : C. Superceanu.
Inst :
Title : Contribution to the Question of Scheelite and Wolframite Paragenesis in the Occurrence of Complex Minerals at Baia Sprie.

Orig Pub: Rev. minelor, 1957, 8, No 9, 399-404.

Abstract: The presence of scheelite is noted and the paragenesis of wolframite in complex ores of Baia Sprie is discussed in detail.

Card : 1/1

SUPERCEANU C.

COUNTRY : Romania D
CATEGORY :

AES. JOUR. : Rzkhim., No. 20 1959, No. 71109

AUT. [illegible] : Superceanu, C.; Nalaru, O.; Grosu, A.
INST. :
TITLE : Distene Deposits of South Carpathians -- a Raw Material Source for Dinas Brick.

ORIG. PUB. : Rev. minelor, 1958, 9, No 9, 410-414

ABSTRACT : The crystalline massifs Semenic, Sebes, and [illegible], constitute a source of raw materials for the manufacture of Dinas, Silimin, and aluminum, and the recovery, as a by-product, of Ga, Ge, Tl, and In. The main rock-forming minerals are disthene (15-52%), sillimanite, almandine, muscovite, biotite, tourmaline, quartz, microcline, plagioclase. Mineralogical characteristics and paragenetic associations of disthene, in the different deposits, are described. Chemical analyses are given. Results of qualitative spectrographic analyses: Semenik -- Al, K, Na, Cr, Ti, Ga, Tl, Fe, Mn, Mg; Sebesh -- Al, K, Na, Cr, Ti, Ga, In, Fe, Zr, Mg; Pagarash -- Al, K, Na, Cr, Ti, Fe, Mn, Mg. -- I. Lipova.

CARD:

TITLE : Boron and Beryllium-Containing Vesuvianite-Bearing Garnet Contact Skarns in the Ciclova District in the Southwestern Banat

ORIG. PUB. : Rev Minelor, 9, No 12, 552-562, 531-532 [sic]

ABSTRACT : The skarn formations are found in the contact zone of granodiorite intrusions with marbles. The mineralogic composition (in %) of the skarns is as follows: grossularite 50-90, calcite 10-50, vesuvianite 5-30, alalite 1-10, wollastonite 1-5, epidote 0-5. Chemical and spectral analyses have been made of green, brown, and yellow-green vesuvianites in which the probability of substitution of SiO_4 by BeO_4 has been established. The details of the mechanism of the contact metamorphism are discussed.

..G. Volkov

CARD: 1/1

88

SUPERCEANU, C.; MAJERU, O.

New nickeliferous mineralizing in the Trasylvanian Alps. Rev min 13 no.11:515-518 N '62.

SUNTSOV, A.G., dotsent; DANILOVA, A.F.; SUPERKO, M.V.

Congenital osteopetrosis. Pediatriia 38 no.12:63-68 '60.
(MIRA 14:2)

1. Iz kafedry rentgenologii (zav. - dotsent A.G. Suntsov) i kafedry detskikh bolezney (zav. - prof. Ye.Ye. Granat) Chelyabinskogo meditsinskogo instituta (dir. - prof. G.D. Obraztsov).

(BONES--DISEASES)

S/135/61/000/004/010/012
A006/A101

AUTHORS: Andrianov, K. I., Supereko, O. D., Nikolayeva, L. I., Kudryavtsev, K. V. Yemel'yanenko, N. L., Engineers

TITLE: Ceramic Nozzles of the A-547r Semi-Automatic Machine for Welding in Carbon Dioxide

PERIODICAL: Svarochnoye proizvodstvo, 1961, No. 4, pp. 37 - 38

TEXT: Welding in carbon dioxide with consumable electrode is used at the Chelyabinsk Tractor Plant for joining tractor parts on the A-547r semi-automatic machine, where the gas flow is directed by a chromeplated brass nozzle (Fig. 1), placed on the rubber housing of the burner tip. The use of this nozzle presents however, a series of deficiencies, such as short-circuits of the welding current, sticking of metal splashings to the internal nozzle surface, and short service life of the nozzle. The laboratory of mineral ceramics at the Plant developed ceramic nozzles to replace the chrome-plated brass nozzles, prepared in a metallic mold by press-forming from a ceramic mass of 12 - 14% moisture. The components of the ceramic material were dried, crushed, screened, and mixed during 8 h. The material was then wetted with water to 28 - 30% for

Card 1/4

Ceramic Nozzles of the A-547r Semi-Automatic Machine for Welding in Carbon Dioxide

seven days and then molded. The molded nozzles were dried at room temperature and roasted in an electric furnace. Ceramic nozzles of the following compositions were manufactured by the described technology:

Designation of materials	of the mass Composition in %					
	I	II	III	IV	V	
Talcum chlorite	80	70	60	-	-	
Refractory clay	20	30	40	15	20	
Quartz	-	-	-	20	15	
Fluorspar	-	-	-	30	25	
Porcelain waste	-	-	-	10	35	
Kaolin	-	-	-	25	5	

Card2/4

S/135/61/000/004/010/012
A006/A101

Ceramic Nozzles of the A-547r Semi-Automatic Machine for Welding in Carbon Dioxide

Talcum-chlorite containing nozzles were roasted according to graph 3. Tests performed with experimental ceramic nozzles proved satisfactory. The replacing of brass nozzles by the new ceramic ones presents the following advantages: the possibility of a contact between the nozzle and the part to be welded is excluded the durability of nozzles is raised by a factor of 14 - 16; scare chrome-plated brass is replaced by cheap ceramic material; labor consuming processes of manufacturing the nozzles are substituted by advanced press forming methods, eliminating subsequent mechanical treatment; the time of exchanging and cleaning the nozzles from metal splashings is considerably reduced. There are 1 table and 4 figures.

ASSOCIATION: Chelyabinskiy traktornyy zavod (Chelyabinsk Tractor Plant)

Card 3/4

S/135/63/000/001/006/016
A006/A101

AUTHORS: Supereko, O. D., Akulov, V. I., Engineers

TITLE: Semi-automatic welding in carbon dioxide at the Chelyabinsk tractor plant

PERIODICAL: Svarochnoye proizvodstvo, no. 1, 1963, 16 - 19

TEXT: Information is given on the assimilation of welding in CO_2 for tractor parts at the Chelyabinsk tractor plant. For this purpose the equipment employed has been redesigned and improved. In the A-547p (A-547r) semi-automatic machine the copper nozzle has been replaced by a ceramic nozzle and a mechanical gas valve has been mounted into the machine. The following improvements have been brought about in the design of the A-537 semi-automatic welding machine: use of a ПШ-5 (PSh-5) type feed mechanism; mounting of a special button on the feed mechanism, preparing the machine for operation and assuring its operation during idle run; redesigning of the gas valve; redesigning of the holder (Figure 1). The gas supply to the welding machines has been centralized. Copper welding wire is now being refined in a special device where the

Card 1/2

Semi-automatic welding in...

wire is drawn through a container with a set of abrasive disks. The tests proved the possibility of using the semi-automatic method for welding frames of tractor carriages in CO_2 with 2 mm wire. The weld leg was reduced by 25 - 30% (7 - 8 mm against 9 - 10 mm in manual welding). This method reduced the consumption of welding materials and electric power and increased considerably the labor efficiency. There are 5 figures and 3 tables.

Figure 1. A holder for semi-automatic welding in CO_2 in the A-537 machine

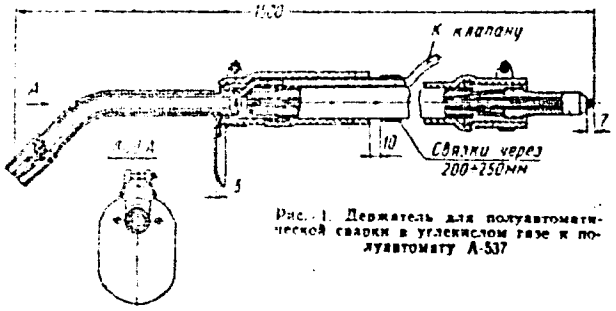


Рис. 1. Держатель для полуавтоматической сварки в углекислом газе к полуавтомату А-537

Card 2/2

AUTHOR: [illegible], V. M., Engineer

(16)

TITLE: All-Union Conference on the hardfacing of dies for hot and cold press-forming

PERIODICAL: Svarochnoye proizvodstvo, no. 3, 1963, 44 - 45

TEXT: The First All-Union Scientific-Technical Conference on hardfacing of dies was held at Volgograd from November 27 - 29, 1962. The Conference heard the following reports: N. T. Prosvirov (VNIIPTMASh) on "Operational conditions and the type of forging dies"; L. A. Pozdnyakova (ENIKMASh) on "Problems of the durability of dies and press-forming steels"; V. A. Popov, ENIKMASh, on some structural peculiarities of carbide tools for cold extrusion and upsetting; I. I. Frumin, B. V. Danil'chenko (Institute of Electric Welding imeni Ye. O. Paton) on "Electric-slag hardfacing of some dies"; L. Kolomiets (IES imeni Ye. O. Paton) on "Reconditioning of dies by electric-slag hardfacing"; V. A. Timchenko (IES imeni Ye. O. Paton) on "A machine with program control for automatic hardfacing of forging dies"; Reports on manual arc-hardfacing of dies were delivered by N. V. Popov (Volgograd Tractor Plant), V. M. Panovko and Ye. G. Bloshkin (Moscow Experimental Welding Plant); O. D. Superko (Chelyabinsk Tractor Plant), N. I. Nikolko (Ural Heavy Machinebuilding Plant), P. M. Sapov ("Rostsel-mash"), N. I. Kuzovkova (GAZ), Yu. P. Zaytsev (ENIKMASh), V. I. Il'yin (ZIL), Gopovin (Khar'kov "Svet shakhtera" Plant), and others. In a decision the Conference mentioned deficiencies connected with the subject, i.e. lack of unified electrodes; of centralized production; of unified technological instructions on the hardfacing of dies; of methods for evaluating the quality of hardfaced metal, and lack of high-quality electrodes for hardfacing cast-iron dies. The Conference decided to take steps in order to eliminate the aforementioned deficiencies.

SUPERNAK, Marian, inz.; GRODECKI, J., mgr inz.

Development trends of the motorization industry in the 1966-1970 economic plan. Techn motor 14 no.10:293-297 O '64.

1. Chief Executive of the Association of Motorization Industry, Warsaw (for Supernak). 2. Committee for Science and Technology, Warsaw (for Grodecki).

CHYLINSKI, J., mgr inz.; PAWLOWSKI, Z.; AUGUSTYNOWICZ, A., mgr; STANISLAWSKI, J., mgr inz.; JAKUBOWSKI, B., mgr inz.; JEDRZEJEWSKI, Z., mgr inz.; SUPERNAK, M., inz.

A discussion. Techn motor 14 no.10:304-305 O '64.

1. Deputy Chairman, Committee for Science and Technology, Warsaw (for Chylinski). 2. State Automobile Communication, Warsaw (for Pawlowski). 3. Scientific Society for Organization and Administration, Warsaw (for Augustynowicz). 4. Association of Polish Mechanical Engineers and Technicians, Warsaw (for Stanislawski). 5. Association of Transportation Engineers and Technicians, Warsaw (for Jakubowski). 6. Association of Motorization Industry, Warsaw (for Supernak).

SUPERSON, Jan, Mgr

History and pharmacologic anatomy of Herba Euphrasiae. Farm. polska 10 no.12:311-313 Dec 54.

1. Zaklad Farmakognozji i Uprawy Roslin Leczniczych Akademii Medycznej w Lodzi. Kierownik: prof. dr Jan Muszynski.
(PLANTS,
Euphrasiae, pharmacol.)

SUPICA, B.

Modernization and economically more efficient management of railroads. Medun transp 9 no.5:361-364 My '63.

SUPICA, Branislav

Transport in the 1964-1970 Plan of Economic Development of Yugoslavia. Medun transp 9 no.8:510-512 Ag '63.

SUPICA, Branislav

Congress of the Union of Yugoslav Transport and Communication Workers. Medun transp 9 no.12:776-780 D '63

Railroad tariffs. Ibid.:808-809

YUGOSLAVIA/Chemical Technology - Chemical Products and Their Application. Fermenting Industry. II-27

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 58997

Author : Supica Milan, Lazic Sima P
Inst : -
Title : Ausbruh and Other Modern Native Sweet and Semi-Sweet Wines.

Orig Pub : Poljopr. Vjvod., 1957, 5, No 4, 17-22.

Abstract : The characteristics that distinguish the quality of wine of the Ausbruh type and of other sweet and semi-sweet wines of Yugoslavia are cited.

Card 1/1

YUGOSLOVIA/Fermantation Industry. H.

Abs Jour : Ref Zhur - Khimiya, No 19, 1958, 65785

Author : Supica Milan, Panicic Mihailo
Inst :
Title : An Analysis of the Yugoslavian Wines Presented at the Novosad Fair in 1957.

Orig Pub : Poljopr. Vojvod., 1958, 6, No 1, 37-44.

Abstract : Investigated were samples of wine which contained (in g/l): extract without sugar 18.5-41.1, general acids 3.7-8.7, volatile acids 0.3-0.98, tartrate 0.4-3.2, tannic acid 0.7-4.2, ash substances 1.47-2.87, free SO_2 3.84-52.48 mg/l, general SO_2 12.8-276.48 mg/l, alcohol 10.72-14.95%, pH 3.01-3.96.

Card 1/1

30

SUPIN, A.Ya.

Simplified design of a photostimulator for physiological research. Nauch.dokl.vys.shkoly; biol.nauki no.2:67-68 '60. (MIRA 13:4)

1. Rekomendovana kafedroy fiziologii vysshey nervnoy deyatel'nosti Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.
(PHYSIOLOGICAL APPARATUS)

SUPIN, A.Ya.

Bioelectrical reaction of the visual cortex in rabbits to a single afferent stimulation under conditions of a long-term experiment. Fiziol.zhur. 47 no.2:141-147 F '61. (MIRA 14:5)

1. From the Chair of Physiology of the Higher Nervous Activity, State University, Moscow.
(CEREBRAL CORTEX)

GUSEL'NIKOV, V.I.; SUPIN, A.Ya.

Some mechanisms of the reaction of "rhythm establishment."
Fiziol. zhur. 48 no.4:398-405 Ap '62. (MIRA 15:6)

1. From the Department of Physiology of Higher Nervous Activity, M.V. Lomonosov University, Moscow.
(CEREBRAL CORTEX)
(ELECTROENCEPHALOGRAPHY)

SUPIN, A.Ya.

Mechanisms of the response of reorganization of the rhythm of the electroencephalogram. Report No.1: Nature of the response to a high-frequency light stimulation. Nauch.dokl.vys.shkoly; biol.nauki no.2:94-100 '63. (MIRA 16:4)

1. Rekomendovana kafedroy fiziologii vysshey nervnoy deyatel'nosti Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.
(ELECTROENCEPHALOGRAPHY) (LIGHT--PHYSIOLOGICAL EFFECT)

SUPIN, A.Ya.

Mechanisms of the reaction of the reconstruction of electroencephalographic rhythm. Part 2: Reflection of the functional state of the cerebral cortex within the parameters of the response. Nauch. dokl. vys. shkoly; biol. nauki no.3:69-74 '63. (MIRA 16:9)

1. Rekomendovana kafedroy fiziologii vysshey nervnoy deyatel'nosti Moskovskogo gosudarstvennogo universiteta im. M.V.Lmonosova.
(Electroencephalography)

GUSEL'NIKOV, V.I.; SUPIN, A.Ya.

Representation of the visual and auditory analyzers in the forebrain hemispheres of a lizard. Fiziol. zhur. 49 no.8: 919-927 Ag '63. (MIRA 17:2)

1. From the Department of Physiology of Higher Nervous Activity, Lomonosov University, Moscow.

SUPIN, A.Ya.

Mechanisms of the response of rhythm change in the electroencephalogram. Part 3: Analysis of the harmonics and subharmonics of the response. Nauch. dokl. vys. shkoly; biol. nauki no.1: 68-72 '64. (MIRA 17:4)

1. Rekomendovana kafedroy fiziologii vysshey nervnoy deyatel'nosti Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.

SUPIN, A.Ya.

Analysis of the interaction of evoked potentials and background bioelectrical activity of the cerebral cortex in rabbits. Zhur.vys. nerv.deiat. 14 no.6:1057-1068 N.D '64.

(MIRA 18:6)

1. Kafedra fiziologii vysshey nervnoy deyatel'nosti i laboratoriya biofiziki biologo-pochvennogo fakul'teta Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.

GESELEVICH, Vladimir Ivanovich; SUPIN, A.Ya., red.

[Electrophysiological study of analyzer systems in the phylogeny of vertebrates] Elektrofiziologicheskoe issledovanie analizatornykh sistem v filogeneze pozvonochnykh. Moskva, Izd-vo Mosk. univ., 1965. 266 p.
(MIRA 18:6)

GUSEL'NIKOV, V.I.; SUPIN, A.Ya.

Representation of somatic sensory and olfactory receptors in the forebrain hemispheres of the lizard (Agama caucasica). Fiziol. zhur. 50 no.2:129-137 F '64. (MIRA 18:2)

1. Kafedra fiziologii vysshey nervnoy deyatel'nosti Moskovskogo gosudarstvennogo universiteta imeni M.V. Lomonosova.

SUPIN, A.Ya.; GUSEL'NIKOV, V.I.

Demonstration of the visual, acoustic and somato-sensory analyzers in the hemispheres of the anterior brain of frogs (Rana temporaria). Fiziol.zhur. 50 no.4:426-434 Ap '64. (MIRA 18:4)

1. Kafedra fiziologii vysshey nervnoy deyatel'nosti Moskovskogo gosudarstvennogo universiteta imeni Lomonosova.

5(2) SOV/80-32-3-2/43

AUTHOR: Supin, G.S.

TITLE: Dissolution of Monocrystalline Germanium in Hydrogen Peroxide (Rastvoreniye monokristallicheskogo germaniya v perekisi vodoroda)

PERIODICAL: Zhurnal prikladnoy khimii, 1959, Vol XXXII, Nr 3, pp 478-481 (USSR)

ABSTRACT: Germanium crystals for semiconductors are damaged by cutting. The damaged surface is equalized by chemical etching, i.e., by dissolving in hydrogen peroxide solution. Experiments have shown that at a pH-value of 4 - 5 the dissolution rate is 1.3 μ/min, at pH 7 - 8 it is 3.3 to 3.6 μ/min. The concentration of the peroxide may vary in the range of 7 - 30% without noticeable effect. The formed germanium dioxide passes into solution. It is probable that the dissolution rate of germanium is limited by the transition of germanium dioxide into solution. The loss of weight in a germanium crystal may be used to determine its aver-

Card 1/2

Dissolution of Monocrystalline Germanium in Hydrogen Peroxide

age surface which has undergone etching, if it is of irregular geometric shape.
There is 1 graph, and 2 references, 1 of which is Soviet and 1 American.

SUBMITTED: September 2, 1957.

80602

S/138/60/000/01/10/010

5.5400

AUTHOR: Supin, G.S.

TITLE: Polarographic Determination of Sodium in Rubber

PERIODICAL: Kauchuk i Rezina, 1960, No. 1, pp. 54 - 57

TEXT: In the course of coagulation of latex of butadiene-styrene rubber by means of sodium chloride, certain quantities of the latter remain in the polymer and have an influence on the vulcanized product. The polarographic method developed for the determination of sodium permits conclusions to be drawn on the sodium content in the final polymer and on the elimination of water-soluble admixtures by washing, i.e. on the quality and the uniformity of the rubber. Polarographic analysis is suitable for the determination of low sodium concentrations (0.3-0.03%) in the rubber. A visual M8-2000 polarograph, produced in the workshop of the Institute of Chemistry of the Gor'kiy State University, and a M21-1 galvanometer with a sensitivity of $6 \cdot 10^{-10}$ a/mm.m was used in the analysis. Tetramethylammonium iodide $(CH_3)_4NJ$ was used as polarographic background in neutral solutions not containing aluminum, alkali-earth and heavy metals. In the presence of these metals in alkaline background, viz. the base of tetramethylammonium $(CH_3)_4NOH$, is employed.

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80602

Polarographic Determination of Sodium in Rubber S/138/60/000/01/10/010

The polarographic background containing the salt and the base can be obtained by electrolysis of a tetramethylammonium iodide solution. An installation for this purpose is described (Figure 2). It is fed from a 7-9 v storage cell battery. The current intensity is 0.12-0.30 a, the resistance of the rheostat 30-50 ohm. It was shown that within the concentration range of 10^{-4}-10^{-2} n a linear dependence between the content of the alkali metal and the height of the polarographic wave is observed. The calibration graph is plotted by using polarographic solutions with additions of orthophosphoric acid and magnesium salt. The polarographic analysis described (leaching out of the ashes and plotting of the curves) lasts 1.5-2 hours. There are 2 tables, 2 diagrams, 4 graphs, and 5 references: 4 Soviet and 1 English.

ASSOCIATION: Nauchno-issledovatel'skiy institut shinnoy promyshlennosti (Scientific Research Institute of the Tire Industry)

Card 2/2

S/119/60/000/008/006/008
B019/B056

AUTHOR: Supin, G. S., Engineer

TITLE: A New Fusing Agent for Soldering by Means of Soft Solders (Hydrazine Hydrochloride)

PERIODICAL: Priborostroyeniye, 1960, No. 8, p. 19

TEXT: Besides other properties of hydrazine hydrochloride ($(NH_2 \cdot NH_2)2HCl$), its good solubility in water and alcohol is stressed by way of introduction. In soldering it decomposes into hydrazine and HCl, and these two decomposition products as well as hydrazine hydrochloride itself have a strong reducing power, so that they keep the metal surface free from oxides. Solutions of hydrazine hydrochloride in water (5-7%) have excellent properties as fusing agents and may be used when soldering iron and nickel parts, galvanized, chromium-plated, tinned, and copper-plated parts. It can therefore substitute zinc chloride, which has certain corrosive properties. Two recipes are given for the preparation of this fusing agent from hydrazine hydrochloride and hydrazine sulfate ($(NH_2 \cdot NH_2)\ H_2SO_4$).

Card 1/1

SUPIN, G.S.

Solubility of tetramethylammonium iodide in the presence of a tetramethylammonium base. Zhur. prikl. khim. 33 no.8:1903-1904 Ag '60. (MIRA 13:9)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.
(Ammonium compounds)

SUPIN, G.S.

Electrolysis of a tetramethylammonium iodide solution. Zhur. fiz. khim. 34 no.4:925-927 Ap '60. (MIRA 14:5)

1. Institut shinnoy promyshlennosti.
(Ammonium compounds)

SUPIN, G.S.

Purification of certain quaternary ammonium compounds used in polarography. Zhur.anal.khim. 16 no.3:359-361 My-Je '61.
(MIRA 14:6)

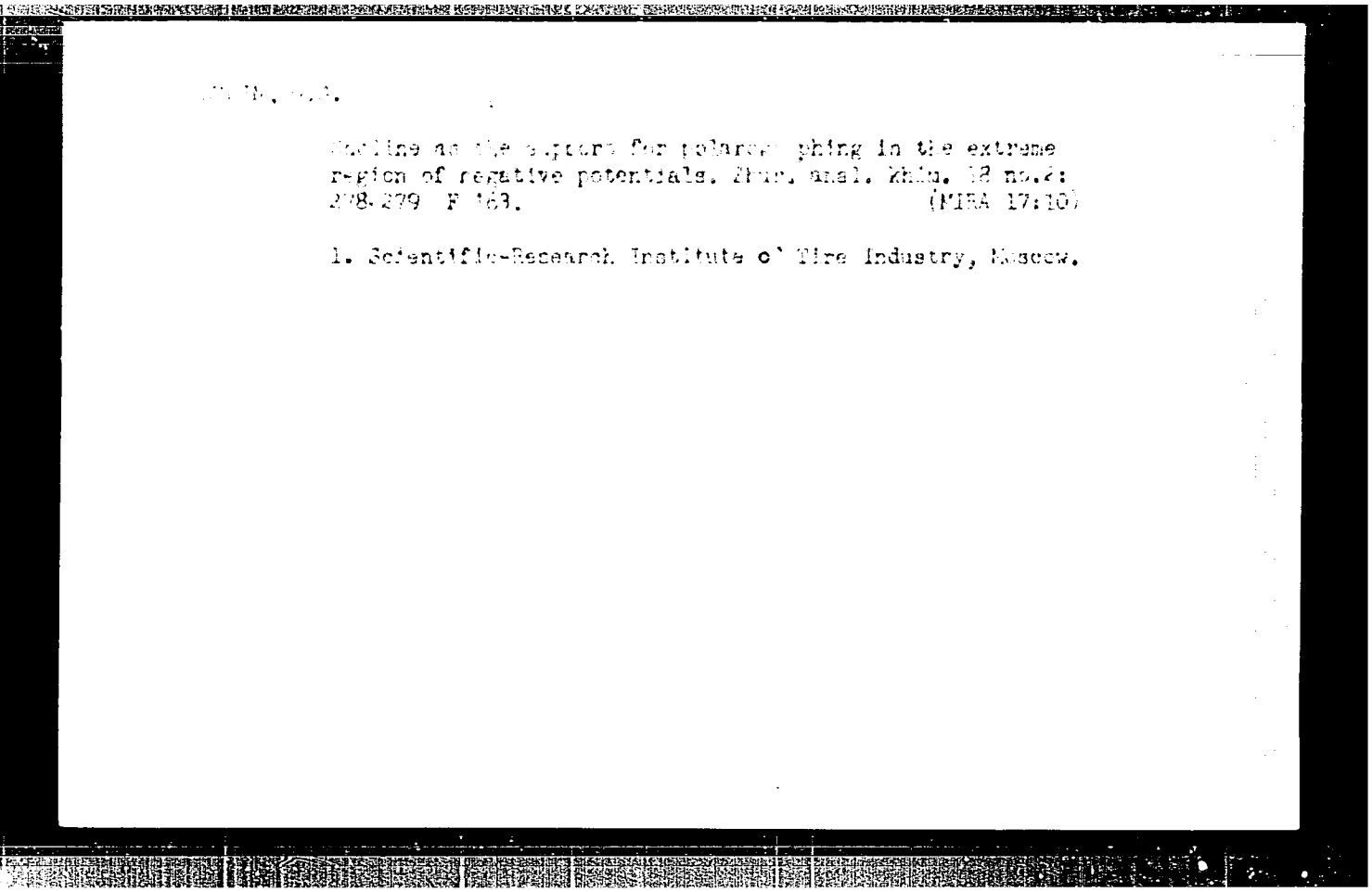
1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti Moskva.

(Ammonium compounds)
(Polarography)

SUPIN, G.S.

Triethylbenzyl ammonium chloride as a polarographic background for the negative potential range. Zhur.anal.khim. 17 no.2:258-259 Mr-Ap '62. (MIRA 15:4)

1. Scientific Research Institute of Tire Industry, Moscow.
(Ammonium compounds) (Polarography)



[illegible] N., [illegible].

[illegible]line as the region for polarographing in the extreme region of negative potentials. Zhur. anal. khim. 18 no.2: 278-279 F '63. (MIRA 17:10)

1. Scientific-Research Institute of Tire Industry, Moscow.

SUPIN, A.S.

Certain features of the polarography of alkali metal ions in aqueous and aqueous-ethyl alcohol media. Zhur. anal. khim. 18 no.3:318-322 Mr'63. (MIRA 17:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh reaktivov i osobochistykh veshchestv, Moskva.

AUTHOR: Supin, V.V., Engineer SOV/28-58-5-26/37

TITLE: Comments on the Drawing-up of Blueprints (Zamechaniya po oformleniyu chertezhey)

PERIODICAL: Standartizatsiya, 1958, Nr 5, p 71 (USSR)

ABSTRACT: In the author's opinion both the construction bureaus and the various sub-departments of a plant should adhere rigidly to the standards for drafting practice in drawing up technical plans and blueprints. Defects are indicated in both the present, effective standard form of extended specification (GOST 5293-50) and in the form envisaged by the drafting practice system project. This latter form

Card 1/2

Comments on the Drawing-up of Blueprints

of extended industrial specification has been on trial in the Bryansk Machine Construction Plant and has shown good results. Some minor improvements are suggested.

ASSOCIATION: Bryanskiy mashinostroitel'nyy zavod (Bryansk Machine Construction Plant)

1. Drafting--Standards

SUPIN, V.V., inzh. (Bryansk)

What hampers the serial production of isothermal cars with machine cooling. Zhel. dor. transp. 45 no.5:51-53 My '63. (MIRA 16:10)

1. Glavnyy konstruktor Bryanskogo mashinostroitel'nogo zavoda.

KIELCZEWSKI, Wladyslaw; SUPINSKI, Janusz

Determination of microgram amounts of cobalt by the paper impregnation method. Chem anal 8 no.1:59-62 '63.

1. Department of General Chemistry, School of Agriculture, Poznan.

SUPINSKIY, V., deputat Oktyabr'skogo raysoveta Kiyeva

Readers' suggestions. Fin.SSSR 20 no.3:76 Mr '59.
(MIRA 12:7)

(Kiev--Housing)
(Transportation, Automotive--Finance)

SÜRE, I.

"Improving organization and planning in our factories." Elektrotechnik, Praha, Vol. 9, No. 2, Feb. 1954, p. 33.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

SUPKA, Ladislav, inz.

For higher efficiency of Czechoslovak machinery export. Tech praca 16 no.3:165-168 Mr '64.

1. Zavody V.I.Lenina, Plzen.

LEVITSKAYA, L.A., SHISHKINA, I.D., KONDRAT'YEVA, N.I., SUPKO, N.S.

Hematological factors in artificial circulation [with summary in English]
Eksper.khir. 3 no.3:42-47 My-Je '58 (MIRA 11:8)

1. Iz nauchno-issledovatel'skogo instituta eksperimental'noy khirurgicheskoy apparatury i instrumentov (dir. M.G. Anan'yev) Ministerstva zdravookhraneniya SSSR.

(HEART, artif.
extracorporeal circ., eff. of heparin & protamine sulfate on blood coagulation (Rus))
(HEPARIN, eff.
on blood coagulation in extracorporeal circ. in open heart surg. (Rus))
(PROTAMINES, eff.
sulfate, on blood coagulation in extracorporeal circ. in open heart surg. (Rus))
(BLOOD COAGULATION, eff. of drugs on
in extracorporeal circ. in open heart surg. (Rus))

ANAN'YEV, M.G.; VAYNRIB, Ye.A.; GORBOVITSKIY, Ye.B.; KOZLOV, Yu.G.; KASHCHEYSKAYA, L.A.; LEVITSKAYA, L.A.; GOL'DINA, B.G.; SUPKO, N.S.; IVANOVA, L.N.; UNIK, V.I.

"Artificial kidney" apparatus built by the Research Institute for Experimental Surgical Apparatus and Instruments and the results of using it in an experiment. Trudy NIIEKHAI no.5:168-173 '61. (MIRA 15:8)

1. Nauchno-issledovatel'skiy institut eksperimental'noy khirurgicheskoy apparatury i instrumentov.
(ARTIFICIAL KIDNEY)

ANAN'YEV, M.G.; GORBOVITSKIY, Ye.B.; KOZLOV, Yu.G.; GOL'DINA, B.G.; KASHCHEVSKAYA, L.A.; LEVITSKAYA, L.A.; IVANOVA, L.N.; SUPKO, N.S.; TKACHENKO, A.S.; UNIK, V.I.

Study of and experience in the use of the Soviet artificial kidney apparatus. Sov.med. 26 no.7:15-20 Jl '62. (MIRA 15:11)

1. Iz Nauchno-issledovatel'skogo instituta eksperimental'noy khirurgicheskoy apparatury i instrumentov (dir. M.G.Anan'yev).
(KIDNEYS, ARTIFICIAL)

[illegible] Bibl. Medic. [illegible] 1963