"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BANKOVSKIS, J.; Labanova, E.

Analytic application of 8 mercaptoquinoline (thiooxine) and its derivatives. XV. New specific flotation reaction on copper with disulfide of 6 chlor 8 mercaptoquinoline. In Russian. p. 85.

LATVIIAS PSR ZINATNU AKADEMIJA. VESTIS. RIGA, LATVIA. No. 7, 1959

Monthly List of East European Accessions. (EEAI) LC, Vol. 9, no. 2, Feb. 1960 Uncl.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

ALEKSEYEV, V.S. [Aleksieiev, V.S.]; BAN'KOVSKIY, A.I. [Ban'kovs'kyi, O.I.]

Pyrrolizidine alkaloids in some ragweed species. Farmatsev.zhur. 20 no.1:49-54 '65. (MIRA 18:10)

1. Kafedra organicheskoy khimii Dnepropetrovskogo meditsinskogo instituta (zaveduyushchiy kafedroy prof. O.M.Kashpur) i Vsesoyuznyy institut lekarstvennykh i aromaticheskikh rasteniy.

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1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

12

C A

Vitamin C content of some rose varieties. A. I. Ban'kovskii, V. I. Murav'eva, and N. N. Voroshilov. *Farmatsiya* 8, No. 4, 26-9(1945).—The wt.-% of ascorbic acid (I) varied widely in dried pulp from ripe hips of 14 rose varieties; *Rosa canina* L. was lowest (1.40, 1 detn.) and *R. cinnamoma* L. highest (9.72, av. of 11 detns., range 4.81-14.41). Second was *R. silverhjelmi* Schrenk (9.38, 7 detns., range 1.54-14.31); third, *R. beggersiana* S. (9.33, 12 detns., range 5.27-17.62). A given plant is fairly consistent in yield of I from year to year. Other roses, recommended as sources of I, are *R. dahurica* (5.03, 41 detns., range 1.21-14.61) and *R. laxa* (8.79, 10 detns., range 2.23-13.82). Ripe rose hips are richest in I.

Julian F. Smith

COMMON ELEMENTS

COMMON VARIABLES INDEX

OPEN

MATERIALS INDEX

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

CA

15

Chemical analysis of centaury (Erythraea centaurium). V. V. Feofilaktov and A. I. Ban'kovskii. *Farmatsiya* 9, No. 5, 10-13(1946).—Total alkaloids of centaury are detd. by wetting with aq. NH_4OH, extg. with $C_2H_4Cl_2$, acidifying the ext. with 10% H_2SO_4, alkalizing with aq. NH_4OH, extg. with $CHCl_3$, drying over Na_2SO_4, and evapg.; yield about 0.8% calcd. on dry plant material. The crude mixt. is extd. with Et_2O to remove nonalkaloids, then with petroleum ether, and chilled to ppt. a new alkaloid, *erythricine*, $C_{10}H_9NO_2$ (I), m. 81-3°, yield 90% of the purified total alkaloids. Derivs. include the picrate, m. 122-4°; oxalate, m. 151-3°; nitrate, m. 114°; hydrochloride, m. 165-6° (decompn.). Apparently I is a lactone. It oxidizes to a 9 C acid and hydrolyzes to a 10 C acid.

Julian F. Smith

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN'KOVSKIY, A. I. FA 59/49T54

USSR/Medicine - Menthol Mint Mar/Apr 49
Medicine - Pharmacology

"A New Type of Menthol Mint," A. I. Ban'kovskiy, 5 pp

"Med Prom SSSR" No 2

After much work, hybridization specialists developed a mint of high ether-oil content known as type 541. Tests have shown the ether-oil content was twice that of ordinary mint. Oils of type 541 mint are valuable to the perfume trade, and can meet all requirements in the State Pharmacopoeia. It is a rapidly growing plant and yields much more menthol oil than ordinary types.

59/49T54

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CA

17

"Scopolia carniolica as the best source of hyoscyamine. V. I. Murat'eva and A. I. Bau'kovskiĭ (Vsesoyuz. Nauch.-Issledovatel. Inst. Lekarst. Rastenii). *Med. Prom. S.S.S.R.* 1949, No. 4, 26-30.—*S. carniolica* exceeds all known plant sources in its hyoscyamine content; av. harvest of 1 hectare of the plants yields 3.5 tons of roots with 1.3–1.5% hyoscyamine content, i.e. about 40 kg. The most logical harvesting time in the moderate and northern climatic regions is fall, when some 90% of the total alkaloid matter can be obtained in cryst. state and when the hyoscyamine level is max. (1.5–1.7%).

G. M. Kosolapoff

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN'KOVSKIY, A.I.; ITSKOV, N.Ya., redaktor TUROVA, A.D., redaktor

[Hoary erysimum] Zheltushnik seryi. Pod red. N.Ya. Itskova i A.D. Turovoi. Moskva, Medgiz, 1953. 126 p. (MLRA 9:11)
(GLYCOSIDES)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

POGUDINA, D.G.;LOSHKAREV, P.M.;BAN'KOVSKIY, A.I.

Glycosides content in Erysimum canescens during vegetation. Aptech. delo, Moskva 2 no. 1:26-30 Jan-Feb 1953. (CIML 24:1)

1. Of the Department of Chemistry of the All-Union Scientific-Research Institute of Medicinal and Aromatic Plants (Director -- N. Ya. Itskov) of the Ministry of Public Health USSR.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN'KOVSKIY, A. I.

USSR/Chemistry

Card 1/1

Authors : Belikov, A. S.; Ban'kovskiy, A. I.; and Tsarev, M. V.

Title : Alkaloids from Gleditschia Triacanthos L.

Periodical : Zhur. Ob. Khim. 24, Ed. 5, 919 - 922, May 1954

Abstract : A new alkaloid (triacanthine) of the composition $C_8H_{10}N_4$ was obtain- from Gleditschia triacanthos L leaves. Other derivatives of triacanthine are : hydrochloride, hydrobromide, nitrate, picrate, picronlonate, sulphate and iodomethylate. The method of separating and purification of the alkaloid is described. Seven references.

Institution : All-Union Scientific-Research Institute of Medicinal and Aromatic Herbs

Submitted : November 22, 1953

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN'KOVSKIY, A.I.

3

The crystalline state of anabasine. B. K. Rostotskii and A. I. Ban'kovskii. *Doklady Akad. Nauk S.S.S.R.* 94, 899-900(1954).—After prolonged storage of anabasine in a stoppered vessel there was observed the formation, near the liquid interface, of needles which could be preserved in solid form up to 25-30°. All derivs. (chloroaurate, m. 187-9°; dipicrate, m. 201-4°) are identical with those of anabasine. Thus it appears that a solid form of anabasine exists at normal pressure and temp. G. M. Kosolapoff

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

SHEVELOV, V.A.; BAN'KOVSKIY, A.I.

Extractor with inclined countercurrent evaporator. Med.prom. no.3: 29-31 Jl-S '55. (MIRA 9:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy.
(PHARMACY, apparatus and instruments, inclined countercurrent evaporator for plant extracts)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN KOVSKIY, A.I.

mills 30.0%, muldext. of the fruits of [illegible] 2.0%, camphor 0.4%, NaBr 2.0%, and chloretone 0.25% as a preservative. A. S. Mirkin

All-Union Sci Res. Inst. Medicine & Pharmac[illegible]

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

Securinin, a new alkaloid of strychnine-like action. V. I. Murav'eva and A. I. Ban'kovskii. *Med. Prom.* 10, No. 2, 27-8(1956).—A new alkaloid has been obtained from the leaves of *Securinega suffruticosa* which is found in the [illegible] region. Two kg. of crushed and air-dried leaves

Med

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BANKOVSKIY, A.I.

Chemical study of glycosides of Securinega suffruticosa.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

Ban'kovskiy, A.I.

FROLOVA, V.I.; BAN'KOVSKIY, A.I.; ZHELEZNOVA, Ye.S.

Chemical analysis of alkaloids of the small globethistle (Echinops ritro L.). Med.prom. 11 no.11:20-24 N '57. (MIRA 11:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institute lekarstvennykh i aromaticheskikh rasteniy
(GLOBETHISTLE) (QUINOLINE)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN'KOVSKIY, A.I.; FROLOVA, V.I.; ZHELEZNOVA, Ye.S.

Chemical analysis of alkaloids from Genista aetnensis DC. Med.prom. 11 no.12:23-27 D '57. (MIRA 11:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy.
(ALKALOIDS) (WOADWAXEN)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

FROLOVA, V.I., BAN'KOVSKIY, A.I., VOLYNSKAYA, M.V.

Chemical study of alkaloids of Phellodendron lavallei Dode.
Med.prom. 12 no.6:16-18 Je '58 (MIRA 11:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvenykh i aromaticheskikh rasteniy.
(PHELLODENDRON)
(ALKALOIDS)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

FROLOVA, V.I., BAN'KOVSKIY, A.I., VOLYNSKAYA, M.B.

Chemical study of alkaloids from Choisya ternata H.B.et K. Med.prom. 12 no.7:35-40 Jl '58 (MIRA 11:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy.
(ALKALOIDS)
(MEXICAN ORANGE)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

RYBALKO, K.S., BAN'KOVSKIY, A.I.

Accumulation of santonin, essential oil and tars in Levant wormwood. Med.prom 12 no.9:7-11 S'58 (MIRA 11:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy.
(WORMWOOD)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

FROLOVA, V.I.; BAN'KOVSKIY, A.I.; VOLYNSKAYA, M.B.

Chemical study of the alkaloids of Choisya ternata. Trudy VILAR no. 11;5-15 '59. (MIRA 14:2)
(RUE) (ALKALOIDS)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

MURAV'YEVA, V.I.; RAN'KOVSKIY, A.I.

Chemical study of the alkaloids of Securinega suffruticosa. Trudy VILAR no. 11:16-21 '59. (MIRA 14:2)
(EUPHORBIACEAE) (ALKALOIDS)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN'KOVSKAYA, A.N.; BAN'KOVSKIY, A.I.

Chemical study of the alkaloids of Senecio platyphyllus. Trudy VILAR no. 11:46-50 '59. (MIRA 14:2)
(COMPOSITAE) (ALKALOIDS)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

LINYUCHEV, V.P.; BAN'KOVSKIY, A.I.

Chemical study of the alkaloids of Galega officinalis L. Trudy VILAR no. 11:65-69 '59. (MIRA 14:2)
(LEGUMINOSAE) (ALKALOIDS)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

TOSTOTSKIY, B.K.; BAN'KOVSKIY, A.I.

Investigation of alkaloids in the seeds of Anabasis. Trudy VILAR no. 11:70-78 '59. (MIRA 14:2)
(ANABASIS (BOTANY)) (ALKALOIDS)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

FROLOVA, V.I.; BAN'KOVSKIY, A.I.; ZHELEZNOVA, Ye.S.

Chemical study of the alkaloids of Echinops rito L. Trudy VILAR no. 11:92-98 '59. (MIRA 14:2)
(COMPOSITAE) (ALKALOIDS)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN'KOVSKIY, A.I.; FROLOVA, V.I.; ZHELEZNOVA, Ye.S.

Chemical study of the alkaloids of Genista aetnensis DC. Trudy VILAR no. 11:99-105 '59. (MIRA 14:2)
(LEGUMINOSAE) (ALKALOIDS)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

RYBALKO, K.S.; BAN'KOVSKIY, A.I.

Study of the chemical composition of the volatile oil of Artemisia cina Berg. Trudy VILAR no. 11:106-151 '59. (MIRA 14:2)
(WORMWOOD) (ESSENCES AND ESSENTIAL OILS)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN'KOVSKAYA, A.N.; BAN'KOVSKIY, A.I.

A new sesquiterpenic lactone from Artemisia austriaca Jacq.
Trudy VILAR no.11:174-176 '59. (MIRA 14:2)
(WORMWOOD) (LACTONES)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

VELIKOVSKAYA, M.M.; BAN'KOVSKIY, A.I.

Method for a quantitative determination of nicotinic acid in "KN" tablets. Trudy VILAR no. 11:288-295 '59. (MIRA 14:2)
(NICOTINIC ACID)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

NIKONOV, G.K.; BAN'KOVSKIY, A.I.

Rapid method for the qualitative detection of alkaloids in plants. Trudy VILAR no. 11:296-300 '59. (MIRA 14:2)
(ALKALOIDS) (INDICATORS AND TEST PAPERS)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

SHEVELEV, V.A.; BAN'KOVSKIY, A.I.; ALESHKINA, Ya.A.

Active substances of the cardiac drug "Kardiovalen." Trudy VILAR no. 11:317-329 '59. (MIRA 14:2)
(CARDIAC GLYCOSIDES)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

ROSTOTSKIY, B.K.; SHEVELEV, V.A.; BAN'KOVSKIY, A.I.

Methods for obtaining an insecticide preparation from Anabasis. Trudy VILAR no. 11:330-350 '59. (MIRA 14:2)
(ANABASIS (BOTANY)) (ALKALOIDS) (INSECTICIDES)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

SHEVELEV, V.A.; BAN'KOVSKIY, A.I.; MURAV'YEVA, V.I.

Machine-drying of opium raw material. Trudy VILAR no. 11:351-353 '59. (MIRA 14:2)

(BIOLOGICAL PRODUCTS—DRYING) (OPIUM)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

RYBALKO, K.S.; BAN'KOVSKIY, A.I.; PEREL'SON, M.Ye.

Tauremizine is a new sesquiterpene lactone f om Artemisia taurica willd. Med. prom. 14 no. 10:21-23 O '60. (MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy.
(WORMWOOD) (LACTONES)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

ROMANOVA, A.S.; BAN'KOVSKIY, A.I.

Study of the dynamics of the accumulation of anthracene derivatives in Rheum palmatum var. tanguticum Maxim. Med. prom. SSSR 14 no.12: 27-31 D '60. (MIRA 13:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy.
(RHUBARB) (ANTHRACENE)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

ROMANOVA, A.S.; ~~BAN'KOVSKIY, A.I.~~

Search for native sources for obtaining chrysarobin. Med. prom. 15 no.1:16-21 Ja '61. (MIRA 14:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy.
(CHRYSAROBIN) (BOTANY, MEDICAL)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN'KOVSKIY, A.I.; PEREL'SON, M.Ye.; SHEVELEV, V.A.

Alkaloids from globe thistle. Dokl. AN SSSR 148 no.5:1073-1076 F '63. (MIRA 16:3)

1. Vsesoyuznyy institut lekarstvennykh i aromaticheskikh rasteniy. Predstavleno akademikom M.M.Shemyakinym.
(Echinopsine)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

ROMANOVA, A.S.; BAN'KOVSKIY, A.I.

Obtaining a preparation similar to chrysarobin from the rhubarb Rheum palmatum var tanguticum Maxim. Med. promyshl. SSSR 17 no.8: 26-30 Ag'63 (MIRA 17:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

ALEKSEYEV, V.S.; BAN'KOVSKIY, A.I.

Alkaloid-bearing plants of the Ukraine and Sakhalin. Nauch. dokl. vys. shkoly; biol. nauki no.4:136-139 '64. (MIRA 17:12)

1. Rekomendovana kafedroy farmatsevticheskoy khimii Dnepropetrovskogo meditsinskogo instituta i Vsesoyuznym institutom lekarstvennykh i aromaticheskikh rasteniy.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

SHALAGINA, A.I.; OSTROVSKIY, N.I.; BAN'KOVSKAYA, A.N.; BAN'KOVSKIY, A.I.

Production of classical ergot alkaloids by the saprophytic Claviceps purpurea Tul. culture. Mikrobiologiia 34 no.5: 901-904 S-O '65. (MIRA 18:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

ROMANOVA, A.S.; BAN'KOVSKIY, A.I.

Methods for quantitative determination of anthracene derivatives in the roots of rhubarb. Apt. delo 14 no.1:74-78 Ja-F '65. (MIRA 18:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy, Bittsa.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

KECHATOVA, N.A.; BAN'KOVSKIY, A.I.; SHEYCHENKO, V.I.; RYBALKO, K.S.

Structure of sesquiterpene hydroxy acid from Artemisia vachanica Krasch. Khim. prirod. soed. no.5:306-311 '65. (MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy. Submitted May 6, 1965.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

ZAPESOCHNAYA, G.G.; BAN'KOVSKIY, A.I.

Plant polyphenols. Part 1: Chemical composition of the leaves of Rhododendron aureum Georgi. Khim.prirod.soed. no.4:289-292 '65.

(MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy. Submitted November 21, 1964.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

ROMANOVA, A.S.; BAN'KOVSKIY, A.I.

Isolation of glucoaloe-emodin from Cassia acutifolia Del.
Khim.prirod.soed. no.4:294 '65.
(MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy. Submitted March 18, 1965.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

ZAPESOCHNAYA, G.G.; KYSHTYMOVA, T.V.; BAN'KOVSKIY, A.I.; KIBAL'CHICH, P.N.

Plant polyphenols. Report No.2. Polyphenols of the flowers of Godetia whitneui Gray. Khim. prirod. soed. no.5:347-350 '65. (MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy. Submitted November 12, 1964.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

L 23123-66 EWT(1)/EWT(m)/T RM/JK

ACC NR: AP5026337 SOURCE CODE: UR/0220/65/034/005/0901/0904

AUTHOR: Shalagina, A. I.; Ostrovskiy, N. I.; Ban'kovskaya, A. N.; Bankovskiy, A. I.

ORG: All Union Scientific Research Institute of Medicinal and Aromatic Plants (Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy)

TITLE: Production of classical ergot alkaloids in saprophytic Claviceps purpurea Tul. cultures

SOURCE: Mikrobiologiya, v. 34, no. 5, 1965, 901-904

TOPIC TAGS: alkaloid, biosynthesis

ABSTRACT: The composition of alkaloids produced by 70 active strains of C. purpurea Tul. grown under saprophytic conditions was investigated. Polypeptide ergot alkaloids and minute amounts of water-soluble clavine type alkaloids were found. The sum total of alkaloids isolated from the mycelium amounted to 0.03% of the mycelium dry weight. Ergot mine constituted about 80% of the alkaloid content. It was obtained in pure form and identified. Ergocryptine was found in most of the samples. Ergocornine, ergocristine, ergometrine and dextroretatory alkaloids of

Card 1/2 UDC: 582.28.--119.2:547.94

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L 23123-66

ACC NR: AP5026337

of the ergotoxine group were produced by some of the strains. Orig. art. has: 3 tables.

SUB CODE: 06 / SUBM DATE: 10May64/ SOV REF: 002/ OTH REF: 008

Card 2/2 BLG

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BONDAREV, V.V., inzh.; NIKIFOROVA, Z.V., inzh.; BAN'KOVSKAYA, I.V., inzh.

Brazing titanium with the use of copper electroplating.
Svar. proizv. no.9:16-17 S '64. (MIRA 17:12)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

SOV/109-3-8-13/18

AUTHORS: Arshanskaya, N.G., Ban'kovskiy, N.G., Gorina, M.Yu., Mel'nik, O.N., Serova, N.N. and Logkova, A.A.

TITLE: Thorium-oxide Cathodes for Power Tubes (Oksidno-toriyevyy katod dlya moshchnykh generatornykh lamp)

PERIODICAL: Radiotekhnika i Elektronika, 1958, Vol 3, Nr 8, pp 1064 - 1072 (USSR)

ABSTRACT: The preparation of the actual thorium-oxide cathodes was effected by the method of electrophoresis, which permitted the manufacture of robust coatings with a smooth surface on various types of the cathode core. The core material for the cathodes was tantalum, since its expansion coefficient is approximately equal to that of thorium oxide. The cores were de-greased, etched, washed and then de-gassed at a temperature of 1,600 °C. Since the attempts to obtain satisfactory coatings by the normal, cataphoretic method were unsuccessful, an ultrasonic-type mixing of thorium-oxide suspension was employed. This was very successful and permitted obtaining coatings of about 40 μ (16 mg/cm^2). The cathode cores were either ribbon-like

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or were in the form of troughs. In either case, they were coated by the cataphoretic-ultrasonic method by employing the so-called technique of "extended meniscus". In this technique, the cathode core is placed horizontally in the vicinity of the surface of the coating suspension and the cathode is lowered until it very nearly touches the substance. In this way, a meniscus is formed; the cathode is then pulled away. The cathodes thus prepared were investigated in three types of experimental tubes. The construction of the first tube (a diode) is shown in Figure 2; this is furnished with a cathode in the form of a cup. The second diode employs a directly heated ribbon-like cathode and its construction is illustrated in Figure 3. This cathode had an emissive surface of 0.5 cm^2. The third tube had a filamentary cathode, having a diameter of 100 μ, which was coated with an oxide to a thickness of 15-40 μ. The temperature of the cathodes in the first two tubes was measured by means of an optical micropyrometer, while the temperature of the filamentary cathode was determined from the change of the filament resistance. The influence

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

of the activation temperature on the emission characteristics of the cathodes is illustrated in Figures 5 and 6. The three curves of Figure 5 are the Richardson curves for a cathode based on a molybdenum core. Curves 1 and 2 are for cathodes activated at 1600 and 1800 °K, respectively, while Curve 3 is for a cathode activated at 2,000 °K. Figure 6 shows a family of static characteristics; Curve 2 was taken at a temperature of 1 820 °K after a purely thermal activation at a temperature of 1 960 °K, while the remaining curves were taken at various temperatures after the cathode had been activated at a current density of 0.6 A/cm^2 and a temperature of 1 880 °K. The thermal emission constants of well-activated cathodes were determined from the Richardson graphs (Figure 9) and it was found that the work function was 2.2 to 2.4 eV, while the Richardson constant was about 0.5 to 5 A/cm^2 per degree^2. The emission characteristics were also taken by means of short pulses (less than 100 μs) and these are shown in Figure 9 for various activating temperatures. From the curves, it was found that at a

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Thorium-oxide Cathodes for Power Tubes SOV/109-3-8-13/18

temperature of 1 860 °K, the maximum emission density in the static regime is about 1.5 A/cm^2, while in the pulse operation, it is about 2-3 A/cm^2; at temperatures of 2,000 - 2 100 °K, the pulse emission was 8-9 A/cm^2. The cathodes were also subjected to life tests and it was found that a thorium-oxide layer of about 40 μ gives a useful life of 500 hours at a current density of 0.6 A/cm^2. It was further found that the cathodes do not lose their emission even if the vacuum inside the tubes becomes as low as 5 x 10^{-5} mmHg. There are 9 figures and 12 references, 7 of which are English, 4 French and 1 Soviet.

SUBMITTED: January 29, 1958

Card 4/4 1. Oxide cathodes--Properties 2. Oxide cathodes--Preparation 3. Thorium oxide--Applications 4. Tantalum--Applications

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

ACCESSION NR: AP4045313 S/0048/64/028/009/1522/1526

AUTHOR: Ban'kovskiy, N.G.; Formozov, B.N.

TITLE: Investigation of surface ionization of alkali metal at [illegible] a silicon single crystal. Report, Tenth Conference on Cathode [illegible] Kiev, 11-18 Nov 1963

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v.28, no.9, 1964, 1522-1526

TOPIC TAGS: surface ionization, semiconductor crystal, potassium, sodium, silicon,

ABSTRACT: The ionization of potassium and sodium atoms on the (110) face of a p-type semiconducting silicon crystal having a resistivity of 17 ohm-cm was studied. The [illegible] by simultaneous evaporation [illegible] reaching the [illegible] crystal the beam passed a tungsten filament from which was employed for monitoring. Provision was made to [illegible] of 0.03. [illegible]

[illegible]/3

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

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ACCESSION NR: AP4045313

and hydrofluoric acids, and washed with boiling water. The crystal was heated from behind; its temperature was measured with a thermocouple. The apparatus was constructed without ground-fitting joints and was pumped to 5×10^{-7} mm Hg. The neutral atoms from the beam were frozen out with a liquid nitrogen trap. The thermionic emission of the crystal was measured both in the presence and the absence of the atomic beam. The work function deduced from these measurements increased linearly with temperature over the range from 950 to approximately 1300°K, and from 1300 to 1600°K it increased more slowly. The presence or strength of the atomic beam had very little influence on the work function at the lower temperatures, but the beam caused the work function to decrease at higher temperatures. The work function at 1600°K with the atomic beam absent was 4% lower than the value obtained under ultra-high vacuum by F.G.Allen (J.Phys.Chem.Solids 8,119,1959). This discrepancy is ascribed to the different vacuum conditions. A Richardson plot of the thermoelectronic emission consisted of two straight segments of different slope meeting at 1470°K. The surface ionization coefficient of potassium agreed with the Saha-Langmuir equation at those temperatures for which the work function exceeded the ionization potential. At lower temperatures a threshold was observed, which shifted toward higher temperatures with increasing beam intensity. The results for sodium were more involved. For moderate beam intensities a plot of the logarithm of the ion current

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L 12956-65
ACCESSION NR: AP4045313

versus the reciprocal of the temperature consisted of two straight segments of different slope meeting, as in the case of the Richardson plot, at approximately 1400°K. At high beam intensities the curve had two bends, and the ionization fell off very rapidly with decreasing temperature. The authors consider their findings to be interesting but insufficiently accurate or extensive to permit general conclusions to be drawn or explanations to be proposed. Orig.art.has: 2 formulas and 4 figures.

ASSOCIATION: Leningradskiy politekhnicheskiy institut (Leningrad Polytechnic Institute)

SUBMITTED: 00 ENCL: 00

SUB CODE: EM,SS NR REF SOV: 005 OTHER: 002

3/3

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN'KOVSKIY, N.S., kand.med.nauk

Tumor of the perirenal cellular tissue. Urologiia 25 no.1:64 Ja-F '60. (MIRA 15:6)

1. Iz urologicheskoy kliniki (nachal'nik - doktor med.nauk G.S. Grebenshchikov) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.
(KIDNEYS--CANCER)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN'KOVSKIY, N.S., kand.med.nauk (Leningrad, K-9, Lesnoy pr., d.4, kv.8)

Resection of the ureter with subsequent ureteropyeloneostomies. Vest.khir. no.3:129-130 '62. (MIRA 15:3)

1. Iz kafedry urologii (nach. - prof. G. Grebenshchikov) Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.
(URETERS--SURGERY) (KIDNEYS--SURGERY)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN'KOVSKIY, N. S., kand. med. nauk

Perirenal hematoma. Urologiia no.6:55-56 '61. (MIRA 15:4)

1. Iz urologicheskoy kliniki (nach. - prof. G. S. Grebenshchikov) Voyenno-meditsinskoy ordena Lenina akademii imeni S. M. Kirova.

(KIDNEYS—TUMORS) (HEMATOMA)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN'KOVSKIY, N.S.; ZAYTSEV, N.G.; FEDOROV, I.V.; SHEVTSOV, I.P.

Use of podophyllin for treating tumors of the bladder. Vop.onk. 8 no.8:21-24 '62. (MIRA 15:9)

1. Iz kafedry urologii (nach. - prof. G.S. Grebenshchikov) Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.
(BLADDER--TUMORS) (PODOPHYLLIN)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN'KOVSKIY, P.A.

What the collective of the "Transsignal" factory are working on.
Avtom.elem. i sviaz' no.7:23-24 Jl '57. (MLRA 10:8)

1.Glavnyy inzhener zavoda "Transsignal".
(Electric apparatus and appliances)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN'KOVSKIY, P.A.

SP-1 electric drive for switches. Avtom.telem. i sviaz' 3 no.1:8-9 Ja '59. (MIRA 12:1)

1. Glavnyy inzh. zavoda "Transsignal."
(Railroads--Switches--Electric driving)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

1. BANKOVSKIY, P.N.

2. USSR (600)

4. Sunflowers - Odessa Province

7. Rich oil-bearing sunflower varieties in Odessa Province. Nasl.zhir.prom. 17 no. 2. 1952

9. Monthly List of Russian Accessions, Library of Congress, February, 1953, Unclassified.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BANKOVSKIY, P.N.

Operational experience of the Odessa Oil Mill. Masl.-zhir. prom. 24 no.12:37 '58. (MIRA 11:12)

1. Odesskiy maslovzavod.
(Odessa--Oil industries) (Sunflower seed)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

KAMAY, Gil'm; BANKOVSKIY, R.K., student

Diisoamylphosphonoacetic and d-diisoamylphosphonopropionic esters and some of their derivatives. Trudy KKHTI no.14:75-80 '49. (MIRA 12:11)

1. Laboratoriya tekhnologii organicheskogo sinteza Kazanskogo khimiko-tekhnologicheskogo instituta im. S.M. Kirova.
(Phosphonic acids)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

R.K. BANKOVSKIY

5(0) PHASE I BOOK EXPLOITATION SOV/2019

Kazan. Khimiko-tekhnologicheskiy institut imeni S.M. Kirova

Trudy, vyp. 22, Khimicheskiye nauki (Transactions of the Chemical and Technological Institute imeni S.M. Kirov, Kazan. Nr 22, Chemical Sciences) Kazan', 1958. 173 p. Errata slip inserted. 300 copies printed.

Editorial Board: K.N. Mochalov (Resp. Ed.) Professor, A.A. Trufanov, (Resp. Ed.) Professor, I. Ye. Moysak (Deputy Resp. Ed.) Professor, G.S. Vozdvizhenskiy, Professor, A. Ye. Arbuzov, Academician, Kh. M. Mukhtari, Professor, S.M. Kochergin, Professor, A.K. Grigor'yev, Professor, N.A. Kholevo, Professor, Dzh. A. Tarzimanov (Resp. Secretary) Docent; Ed.: Ya. Karev; Tech. Ed.: I. Kh. Zaynullin.

PURPOSE: This book is intended for industrial chemists, technologists, scientists, teachers, and research students in applied chemistry.

COVERAGE: The collection contains reports by faculty members of the sponsoring institute and also commemorates the 75th year of the birth and first anniversary of the death of Professor Aleksey Mikhaylovich Vasil'yev, Doctor of Chemical Sciences and Head of the Faculty. A review of Vasil'yev's scientific activities is given along with a chronological bibliography of his published works and that of members of the institute under his leadership. Articles of the collection deal mainly with electro-chemistry and the analysis of electrochemical processes, chemical analyses, and investigations of the prospective application of physiochemical phenomena in industrial processes, e.g., cleansing with ultrasound, enhancing the properties of building materials with additives, etc. References are given at the end of each article.

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20. Kochergin, S.M., R.K. Bankovskiy, and N.N. Teryilovskiy. Removal of Scale in an Ultrasonic Field 139

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Card 5/6

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

05811
SOV/76-33-10-9/45

5(4)

AUTHORS: Dobren'kov, G. A., Bankovskiy, R. K., Nigmatullin, R. Sh.

TITLE: On the Use of Capacitance Phenomena on the Mercury Dropping Electrode for Investigating the Chemical Kinetics

PERIODICAL: Zhurnal fizicheskoy khimii, 1959, Vol 33, Nr 10, pp 2169-2172 (USSR)

ABSTRACT: The method suggested is applicable in cases in which one of the reacting substances or the reaction product is a surface-active substance with respect to the mercury - electrolyte boundary. In the presence of surface-active substances of the molecular kind in the electrolyte the curves of differential capacitance of the electric double layer vary considerably. These variations may be found in a definite range of the electrode potentials and are characterized by a sharp drop of the capacitance of the double layer. At the limit of the adsorption range the curve of differential capacitance has two distinctly marked maxima (termed desorption peaks) the potentials of which depend on the nature of the adsorbed substance. The latter was found and explained for the first time by A. N. Frumkin

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

05811

SOV/76-33-10-9/45

On the Use of Capacitance Phenomena on the Mercury Dropping Electrode for Investigating the Chemical Kinetics

(Refs 1, 2). Variations in the capacitance maxima may, under constant conditions, be used for a determination of the concentration of the surface-active substances. By applying an oscillographic polarograph, it was possible to make investigations on this basis. The authors investigated the decomposition of acetone dicarboxylic acid with a determination of the concentration of the acetone produced in the aqueous solution. The latter is the surface-active substance and effects the occurrence of desorption peaks on the curve of differential capacitance which may be easily seen in the oscillogram (Fig 1) in the form of two maxima ($\varphi = -0.50$ v and $\varphi = -1.40$ v). All measurements of the curves of differential capacitance made for the purpose of calculating the reaction rate were carried out at a frequency of 20 cycles on an oscillographic polarograph whose design is similar to a previously described one (Ref 9). Experimental results of the decomposition kinetics of acetone dicarboxylic acid in the prese

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

05811
SOV/76-33-10-9/45

On the Use of Capacitance Phenomena on the Mercury Dropping Electrode for Investigating the Chemical Kinetics

of 2n $NaNO_3$ at 20 C (Table) obtained from oscillographic measurements according to the height of the peaks and the potentials of desorption peaks as well as according to chemical determinations are in good agreement. Since there are many organic compounds which are surface-active at the mercury - electrolyte boundary (alcohol, acids, benzene derivatives, etc), the method suggested offers many possibilities of application for an investigation of the reaction kinetics. There are 3 figures, 1 table, and 10 references, 7 of which are Soviet.

ASSOCIATION: Khimiko-tekhnologicheskiy institut im. S. M. Kirova (Institute of Chemical Technology imeni S. M. Kirov). Aviatsionnyy institut, Kazan' (Aviation Institute, Kazan')

Card 3/4

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

05811
SOV/76-33-10-9/45

On the Use of Capacitance Phenomena on the Mercury Dropping Electrode for Investigating the Chemical Kinetics

SUBMITTED: March 12, 1958

Card 4/4

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

DOBREN'KOV, G.A.; BANKOVSKIY, R.K.

Simultaneous adsorption of surface-active compounds at the mercury - electrolyte interface. Izv.vys.ucheb.zav.; khim.i khim.tekh. 5 no.1:75-81 '62. (MIRA 15:4)

1. Kazanskiy khimiko-tekhnologicheskiy institut imeni Kirova, kafedra fizicheskoy i kolloidnoy khimii.
(Surface-active agents) (Electrodes, Dropping mercury)
(Adsorption)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

DOBREN'KOV, G.A. (Kazan'); BANKOVSKIY, R.K. (Kazan')

Additional peak on the oscillographic polarogram of cadmium in the presence of oxygen and bromate ion. Zhur.fiz.khim. 37 no.8: 1786-1792 Ag '63. (MIRA 16:9)

1. Kazanskiy khimiko-tekhnologicheskiy institut im. S.M.Kirova.
(Cadmium) (Polarography)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN'KOVSKIY, V., inzhener.

An electrician's valuable suggestion. Mast.ugl. 5 no.10:21 O '56.
(Coal preparation) (MLRA 9:12)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN'KOVSKIY, V.

Improving the hoist loading device. Mast.ugl. 6 no.6:11 Je '57. (MLRA 10:8)

1.Glavnyy inzhener shakhty No.3 "Severo-Gundorovskaya" Kombinata Shakhtantratsit.

(Mine hoisting)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN'KOVSKIY, V.

Fastening the cage clamps. Mast. ugl. 6 no.12:13 D '57.
(MIRA 11:1)

1.Glavnyy inzhener shakhty No. 3 "Severo-Gundorovskaya" kombinata Shakhtantratsit.
(Mine hoisting)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN'KOVSKIY, V.

Life of headframe pulleys has been lengthened. Mast. ugl. 7 no.3:21-2 '58. (MIRA 11:3)

1.Glavnyy inzhener shakhty No. 3 "Severo-Gundorovskaya" kombinata Shakhtantratsit.
(Coal mines and mining--Equipment and supplies)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN'KOVSKIY, V.

Activity of efficiency promoters is growing. Mast. ugl. 7 no. 7:18-19 Jl '58. (MIRA 11:8)

1. Glavnyy inzhener shakhty No. 3 "Severo-Gundorovskaya" kombinata Rostovugol'.
(Coal mines and mining--Equipment and supplies)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BAN'KOVSKIY, V.

Pumps operate better. Mast.ugl. 8 no.2:21 F '59.
(MIRA 13:4)

1. Glavnyy inzhener shakhty No.3 "Severo-Gundorovskaya" Rostovskogo sovnarkhoza.
(Mine pumps)

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BAN'KOVSKIY, V.

Lifting jack for a dual purpose. Mast.ugl. 8 no.6:11 Je '59. (MIRA 12:10)

(Coal mining machinery) (Lifting jacks)

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BAN'KOVSKIY, V.

Suggestion of the electrician V Bocharov. Mast.ugl. 9 no.4:23 Ap '60. (MIRA 13:11)

(Electricity in mining--Technological innovations)
(Storage batteries)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BANKOVSKIY, V. A.

25567 Treshchinovatost' v porodakh karbona tsentral'nogo rayona donetskogo basseyna. Trudy geol.-issled. byuro (M-vo ugolvnoy prom-sti SSSR, glav. geol.-razved. upr.), VYP. 5, 1949, S. 45.56

SO: Letopis' Zhurnal'nykh Statey, Vol. 34, Moskva, 1949

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

PANKOVSKIY, V. A.

21457 PANKOVSKIY, V. A.

Na stat'gu F. F. Bag--Balayeva <<O zakonomernosti razmeshcheniya ugol'nykh plastov v uglenosnykh tolshchakh>> /Zhurn. << Ugol'>>, 1949, No. 3/. Ugol', 1949, No. 7, s. 36

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BANKOVSKIY, V. A.

FA 48/49T82

USSR/Mining Apr 49
Coal
Temperature

"Geothermal Conditions in Some Sections of the 'Sheglovka STO' Mine," V. A. Bankovskiy, Mining Engr, 4 pp

"Ugol'" No 4

New Five-Year Plan requires exploitation of coal deposits by very deep shafts. It is therefore necessary to contend with a new force, increasing temperatures. Describes results of studies to determine temperature conditions in various sections of deep tunnels and shafts at subject mine.

48/49T82

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BANKOVSKIY, V. A.

25567

Treshchivovatost' Vporodakh Karbona Tsentral'nogo Rayona Donetskogo Basseyna. Trudy Geol-issled. Byuro (M-Vo Ugol'noy Prom-sti SSSR. Glab. Geol-Razved. UPR) VIP. 5, 1949, s. 45 - 56

SO: LETOPIS No. 34

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BANKOVSKIY, V. A.

"Geothermic Conditions of Nesvetayevo-Shakhtinskaya Depression," Ugol', No.1, 1952

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BANKOVSKIY, V. O.

Conditions Governing the Mineralogical and Chemical Concentration in the Sediment-Forming Process of the Donets Productive Carboniferous (Ukrainina, with Russian resume) Geologichniy zh., 13 No 3, 1953, 24-28.

The author considers the displacemnt in mineralogical and chemical concentrations during variations in environmental conditions on the example of one of the repeating lithological complexes in the Donets productive layer. Variation in tectonic conditions leads to increase in concentrationoof some elements and to decrease in concentration of others. Specific cases are given concerning Ca and Mg in C and carbonates. (RZhGeol, No 1, 1954)

SO: W-31128, 11 Jan. 55

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

Permian.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BANKOVSKIY, V. A.

USSR

Conditions for mineralogical and chemical concentration in the sedimentation process of the Donets productive Carboniferous period. V. A. Bankovskii. *Geol. Zhur. Akad. Nauk Ukrain. R.S.R., Inst. Geol. Nauk* 13, No. 3, 21-38 (1953); *Referat. Zhur., Khim.* 1954, No. 41073.—Based on a statistical analysis of 5000 coal and ash samples the order of mineralogical and chem. concn. prevailing in the formation is outlined. Ca and Mg combined with C in carbonates are concd. in Carboniferous horizons formed during a period of the greatest transgressions. The accumulation of Al in clayey sediments was detd. by the laws of gravitational distribution of terrigenous material and the phys.-chem. status of the aq. medium. The concn. of Fe^{++} occurred in the pyrite of the coal layers and in the siderite of their subsoil. Fe^{+++} accumulated in the small ferruginous concretions of the overburden and the interlayers of the coal beds. Si is mostly connected with fragmental quartz and its largest quantities are included in sandy rocks deposited by virtue of gravitational distribution in areas subjected to river and coastal flow. The concn. of S is essentially connected with the formation of pyrite during accumulation of peat and coal formation and its max. is attained in coal beds.

M. Hosch

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BANKOVSKIY, V.A., gornyy inzhener.

Determining free silicon dioxide in rock strata of the Donets Basin. Ugol' 29 no.3:39-41 Mr '54. (MLRA 7:3)

1. Trest Rostovuglegeologiya. (Donets Basin--Mine dusts)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BANKOVSKIY, V. A.

Concerning the Determination of Free Silicon Dioxide in the Rocks of the Donbass (Donets Basin) /USSR/. Mining, #11:22:Nov. 54.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8"

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BANKOVSKIY, V. A.

BANKOVSKIY, V. A.- "Facies of Deposits of Middle and Upper Carbon Eras in the Donets Basin." Acad Sci Ukraine SSR. Inst Geological Sci, Kiev, 1955 (Dissertations For the Degree of Candidate of Geological-Mineralogical Sciences)

SO: Knizhnaya Letopis' No. 26, June 1955, Moscow

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BANKOVSKIY, V.A.

Principal features of the geological structure of the northern edge of the Donets Basin. Biul.MOIP. Otd.geol. 30 no.1:79-85 Ja-F '55. (MIRA 8:5)
(Donets Basin--Geology, Structural) (Geology, Structural--Donets Basin)

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BANKOVSKIY, V.A.; REDICHKIN, N.A.

Schwagerin beds in the northeastern part of the Donets Basin. Dokl.AN SSSR 104 no.3:456-458 S '55. (MLRA 9:2)

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

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BANKOVSKIY, V.A.

Evaluating correlation characteristics in working conditions of geological prospecting in the Donets Basin. Trudy Lab.geol.ugl. no.5:200-206 '56. (MLRA 9:8)

1. Trest "Rostovuglegeologiya".
(Donets Basin--Geology, Stratigraphic)
(Donets Basin--Prospecting--Geophysical methods)

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BANKOVSKIY, V.A.

Concerning the change in physical geography features in the upper Carboniferous of the Donets Basin in connection with the occurrence of tectonic movements. Izv.AN SSSR. Ser.geol. 21 no.7:111-113 Jl'56. (MIRA 9:10)

(Donets Basin--Geology, Stratigraphic)

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BANKOVSKIY, V.A. [Bankovs'kyi, V.A.] [deceased]; REDICHKIN, N.A. [Redychkin, N.A.]

Limestone-dolomite formation in the northeastern border of the Donets Basin. Geol. zhur. 19 no.3:15-24 '59. (MIRA 12:10)
(Donets Basin--Limestone) (Donets Basin--Dolomite)

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BAN'KOVSKIY, V. G.

Normirovanie nezavershennogo proizvodstva. Pod red. S.S. Geidysha. Moskva, Mashgiz, 1949. 86 p. diagrs. (Vsesoiuznaia konferentsiia po vnutrizavodskomu planirovaniiu v mashinostroenii. 3d, Moscow, 1949)

Normalization of the unfinished production.

DLC: TJ1135.B23

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

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BANKOVSKIY, Yu. A.

BANKOVSKIY, Yu. A. -- "Analytical application of 8-mercaptoquinoline." Latvian State U, 1952 (Dissertation for the Degree of Candidate of Chemical Sciences)

SO: Izvestiya Ak. Nauk Latviyskoy SSR, No. 9, Sept., 1955

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BANKOVSKIY, YU.A.

USSR/ Chemistry - Synthesis processes

Card 1/1 Pub. 22 - 25/60

Authors : Zalukayev L. P., and Bankovskiy, Yu. A.

Title : The acidless method for the derivation of quinaldine

Periodical : Dok. AN SSSR 100/4, 705-706, Feb 1, 1955

Abstract : A simple method for the synthesis of quinaldine is described. It is shown that the derivation of larger quinaldine amounts does not require nitrosation or ether application. A mixture of equimolecular amounts of aniline and acetaldehyde in ethyl alcohol subjected to fractionation was found to be perfectly sufficient for the derivation of quinaldine. Four references: 2 USSR and 2 German (1892-1953).

Institution : Academy of Sciences, Latv. SSR, Institute of Chemistry

Presented by : Academician I. N. Nazarov, November 3, 1954

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103410013-8

BANKOVSKIY, YU. A.

AUTHOR: BANKOWSKIJ, U.A., JEWINJSCH, A.F. PA - 2781

TITLE: Composition- and Dissociation Constant of Compounds of Nickel, Cobalt, Iron, and Manganese with Tritio-Carbon Dioxide Salts. (Sostaw i konstanti dissoziazii kompleksow, Nielja, kobalta, gjelesa i marganza s soljami tritiougolnoj kisloti, Russian)

PERIODICAL: Latvijas PSR Zinatnu Akad. Westis, 1957, Vol 1, Nr 3 (116), pp 123 - 131 (U.S.S.R.)
Received: 6 / 1957 Reviewed: 6 / 1957

ABSTRACT: The composition of the compounds of Ni-, Co-, Fe-, and Mn- tritio-carbonates with Ka_2CS_3-, Na_2CS_3-, $BaCS_3$-tritio carbonates was experimentally determined.
$Ba[Ni(CS_3)_2]$ shows its maximum density at a concentration of the ion (S_3 - 4.10^{-y} - 6.10^{-y} g-Ion/L, $[Co(CS_3)_2]^{--}$ at CS_3 8.10^{-y} g-Ion/L and $[Fe(CS_3)_2]^{--}$ at CS_3^{--} 6.10^{-y} g-Ion/L

Conclusions:

1) The composition of the compounds of nickel, cobalt, iron, and manganese with tritio carbon dioxide salts is known and has the formula $[Me(S_3)_2]^{--}$, where Me are the bivalent elements Ni, Co, Ma, and Fe.

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PA - 2781

Composition- and Dissociation Constant of Compounds of Nickel, Cobalt, Iron, and Manganese with Tritio-Carbon Dioxide Salts.

2) The dissociation constant of the compounds is at $Ni(CS_3)_2$ - - K = $0,5.10^{-8}$ at $[Co(CS_3)_2]^{--}$ - K = $0,6.10^{-8}$, and at $[Fe(CS_3)_2]^{--}$ - K = $0,5.10^{-9}$.

ASSOCIATION: Chemical Institute of the Academy of Science of the Latvian SSR
PRESENTED BY:
SUBMITTED:
AVAILABLE: Library of Congress.

Card 2/2

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