"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK,J.; KREPELKA, J. ; HEGMEN, S.

Filtration stations for waste waters from glass polishing with acid. p. 195.

SKLAR A KERAMIK. (Ministerstvo spotrebniho prumyslu) Praha, Czechoslovakia, Vol. 9, No. 7, July 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11, November 1959.

Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, J.

Removal of phenol water from generator ashpan. p. 240.

SKLAR A KERAMIK. (Ministerstvo lehkeho prumyslu) Praha, Czechoslovakia, Vol. 9, no. 8, Aug. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, Jan, ing.

Determining carbon dioxide in colored carbonated juices and fruit beverages. Prum potravin 15 no.11:563-565 N '64.

1. Research Institute of Distillation and Canning Industry, Prague.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, J.; KREPELKA, J.

Clarification of textile wastes with magnesium chloride. p. 556.

VODNI HOSPODARSTVI. (Ministerstvo energetiky a nodniho hospodarstvi a Vedecka technicka spolecnost pro vodni hospodarstvi) Praha, Czechoslovakia, No. 12, Dec. 1959.

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

Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, J.

Friedländ reaction modifications. Pt.3. Coll Cz Chem 29 no.12:
3173-3175 D '64.

1. Forschungsinstitut für organische Synthesen, Pardubice-Rybitví.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, J.; KREPELKA, J.

Collecting fibers from drain water coming from wool scouring by using a perforated trough with a mechanical cleaner. p. 70.

TEXTIL. (Ministerstvo lehkeho prumyslu) Praha, Czechoslovakia. Vol. 14, no. 2, Feb. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 10, Oct. 1959. Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

HEIDLER, Karel, inz.; NOSEK, Jaromir, dr.

Purification of the waste water from wool-washing plants.
Vodni hosp 13 no.10:377-379 '63.

1. Vyzkumny ustav vlnarsky, Brno (for Heidler)
2. Centroprojekt, Gottwaldov (for Nosek).

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, Jaromir, dr.

Complex solution of water conservation in woolwashing plants. Vodni hosp 14 no.4:147-152 '64.

1. Centroprojekt, Gottwaldov.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, J., dr.; MRAZEK, J.

Centrifugal separators in the slurry system of chemical cleaning plants. Vodni hosp 14 no.5:179-182 '64.

1. Centroprojekt, Gottwaldov.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

Nosek , Jaroslav.

LEDVINA, Miroslav; NOSEK, Jaroslav

Hyaluronidase serum test in cancer. I. Hyaluronidase test in diagnosis. Cas. lek. cesk. 93 no.22-23:606-610 4 June 54.

1. Z vojenske lekarske akademie v Hradci Kralove.

(NEOPLASMS, diagnosis,
serol. hyaluronidase test)
(HYALURONIDASE,
serol. hyaluronidase test in diag. of cancer)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

2113. ELECTROPHORETICALLY DETECTABLE CHANGES IN THE PLASMA PROTEINS OF RABBITS IRRADIATED WITH PENETRATING RADIATIONS - Elektroforeticky zjistitelné změny v bílkovinách plasmy krve králíků ozářených pronikávym zářením - Nosek J. - SBORN. VED. PRACI LÉK. FAK. KARLOVY UNIV. HRADEC KRÁLOVÉ 1958, 1/1 (1-7 and V)

Plasma of 100 rabbits subjected to whole-body irradiation with 800 r. of X-rays was examined during development of the radiation syndrome. Fractionation with a classical schlieren electrophoresis apparatus was used. A phasic course of significant protein changes was observed, occurring only from the 12th to 24th day with albumins (decrease), throughout the whole 38 days of the syndrome with α-globulins (increase), and only from the 14th to the 22nd day with β-globulins (increase). The changes in the γ-globulins remained within normal limits.

Wiedermann - Brno (II, 14)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

Nosek, J.

CEJKA, L.; NOSEK, J.

Nucleic acid levels in organs of irradiated rabbits. Cas. lek. cesk. 97 no.6-7:204-208 14 Feb 58.

1. Vojenska lekarska akademie, Hradec Kralove, ustav lekarske chemie, predmosta prof. J. Nosek.

(NUCLEIC ACIDS, metab.
liver & spleen of irradiated rabbits (Cz))
(LIVER, metab.
nucleic acids in irradiated rabbits (Cz))
(SPLEEN, metab.
same)
(ROENTGEN RAYS, eff.
on nucleic acids in liver & spleen of rabbits (Cz))

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

MILIC, D.; NOSEK, J.

Effect of protective substances on nucleic acid levels in organs after penetrating radiations. Cas. lek. cesk. 97 no.6-7:208-213 14 Feb 58.

1. Vojenska lekarske akademie, Hradec Kralove, ustav lekarske chemie, prednosta prof. J. Nosek.

(RADIATION PROTECTION
radioprotective agents, eff. on liver & spleen nucleic acids in irradiated animals (Cz))
(NUCLEIC ACIDS, metab.
liver & spleen in irradiated animals, eff. of radioprotective agents (Cz))
(LIVER, metab.
nucleic acids in irradiated animals, eff. of radioprotective agents (Cz))
(SPLEEN, metab.
same)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

MILIC, D., NOSEK, J.

Effect of protective substances on the nucleic acid level of various organs after irradiation. Med.rad. 5 no.2:31-33 F '60.
(MIRA 13:12)

(NUCLEIC ACIDS) (LIVER) (SPLEEN) (RADIATION PROTECTION)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, Ya. [Nosek, J.]; KHMELARZH, V. [Chmelar, V.]

Deactivation of the skin following contamination by radioactive substances. Med.rad. 4 no.11:74-76 N '59. (MIRA 13:2)

1. Iz meditsinskogo fakul'teta Karlova universiteta v Gradtse Kralove (Chekhoslovakiya).
(SKIN radiation effects)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

CHEYKA, L. [Cejka, L.] (Chekhoslovakiya); [redacted] [Hosek, J.] (Chekhoslovakiya)

Effect of X irradiation on the nucleic acid level in the liver and spleen of rabbits. Med.rad. 4 no.12:21-24 D '59. (MIRA 13:5)
(NUCLEIC ACIDS metab.)
(LIVER radiation eff.)
(SPLEEN radiation eff.)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, J., SANTHOLZER, V.

Sr^{90} content of milk of various areas of Czechoslovakia from 1957-1959 '60. (MIRA 13:12)
(STRONTIUM—ISOTOPES) (CZECHOSLOVAKIA—MILK—ANALYSIS)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

SANTHOLZER, Vilem; NOSEK, Jaroslav

Strontium 90 in milk during 1957-1960, and its relation to radioactive fallout. Jaderna energie 6 no.7:217-221 Jl '60.

1. Katedra chemie a katedra fysiky lekarske fakulty Karlovy university, Hradec Kralove

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, J.; MILIC, D.

On the possibility of elaborating a diagnostic laboratory test of supralethal doses of penetrating radiation. Cas.lek.cesk. 99 no.32/33:1020-1023 12 Ag '60.

1. Ustav lekarske chemie v Hradci Kralove, prednosta prof. dr. J.Nosek.
(RADIATION PROTECTION)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

PROCESSES AND PROPERTIES INDEX

CA

Phenylmercury compounds. V. Ettel and J. Nosek. *Collection Czechoslov. Chem. Communs.* 14, 74 (1949) (in English). p-EtO$_2$CC$_6$H$_4$HgCl (I), m. 213°, was prepd. in 60.3% yield (crude) from 31 g. p-H$_2$NC$_6$H$_4$CO$_2$Et by diazotization, adding at 5° to 10° C$_6$H$_4$ 20 g. I., 50 ml. concd. HCl and ice, filtering, and boiling with EtOH. I (12.9 g.) and 5.0 g. AcOAg suspended in 150 ml. abs. EtOH, refluxed 3 hrs., cooled, filtered, and evapd. gave 76% p-EtO$_2$CC$_6$H$_4$HgOAc (II), m. 151°. I (3.8 g.) and 2.8 g. of the Ag salt of theophylline suspended in 150 cc. abs. EtOH, refluxed 3 hrs. on a H$_2$O bath, filtered, and evapd. gave 60.3% of the theophylline salt of II, m. 262°. p-H$_2$NSO$_2$C$_6$H$_4$HgCl (III), decompg. 333°, was prepd. similarly to I in 33.1% yield. HSCH$_2$CO$_2$H (4.6 g.) in 100 ml. H$_2$O, neutralized with Na$_2$CO$_3$, boiled 0.5 l. hr. with 2.5 g. III, filtered with Norit, made acid with HCl, and filtered gave 67% p-H$_2$NSO$_2$C$_6$H$_4$HgSCH$_2$CO$_2$H, m. 156°. These compds. showed a high *bactericidal effect in vitro* but no bacteriostatic effect in tolerated doses *in vivo*. Derivs. of I showed a definite *diuretic effect*.

Herman Skolnik

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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ck

5-Aminotetrazole derivatives. V. [illegible] and L. [illegible]. *Collection Czechoslov. Chem. Communs.* 15, 335 (1950) (in French). Several derivs. of 5-aminotetrazole (I) are described. $AcCH_2COCO_2H$ (18 g.) in 50 cc. H_2O and 10.3 g. I in 20 cc. H_2O and 10 cc. concd. HCl are stirred at 0°, then heated 30 min. at 100°, giving 13.6 g. 1,2,3,8-tetraza-[illegible]-methylpyrrocoline-[illegible]-carboxylic acid (II) [illegible] colorless needles (with 1 mol. H_2O), m. 174.5°. II (10.7 g.) dried at 100° and 11 g. Et_2NH in C_6H_6 [illegible] C_6H_6 stirred 30 min. at 20-30° with 10.6 g. PCl_5, then heated 4 hrs. at 70°, gave 9.6 g. of the *N,N-diethyl amide* of II, m. 120.7°. $CH_3COCH_2CONEt_2$ (15 g.) in 50 cc. C_6H_6 slowly stirred with [illegible] I and 9 g. [illegible] cc. EtOH [illegible] heated 10 hrs. on a water bath and concd. in vacuo to 25 cc. [illegible] gave 9.2 g. *N,N-diethyl*-[illegible], m. 182°. Other derivs. of I (m.p., % yield): *N*-[illegible], 208.9°, 45; *N-decyl*, 216.17°, 60; [illegible] 218° (decompn.), 85.0; *N-(o-bromobenzoyl)*, 257.8°, [illegible]; *N-(diethylcarbamyl)*, 283° (decompn.), 72. The pharmacol. properties of these derivs. are described. R. K.

1951

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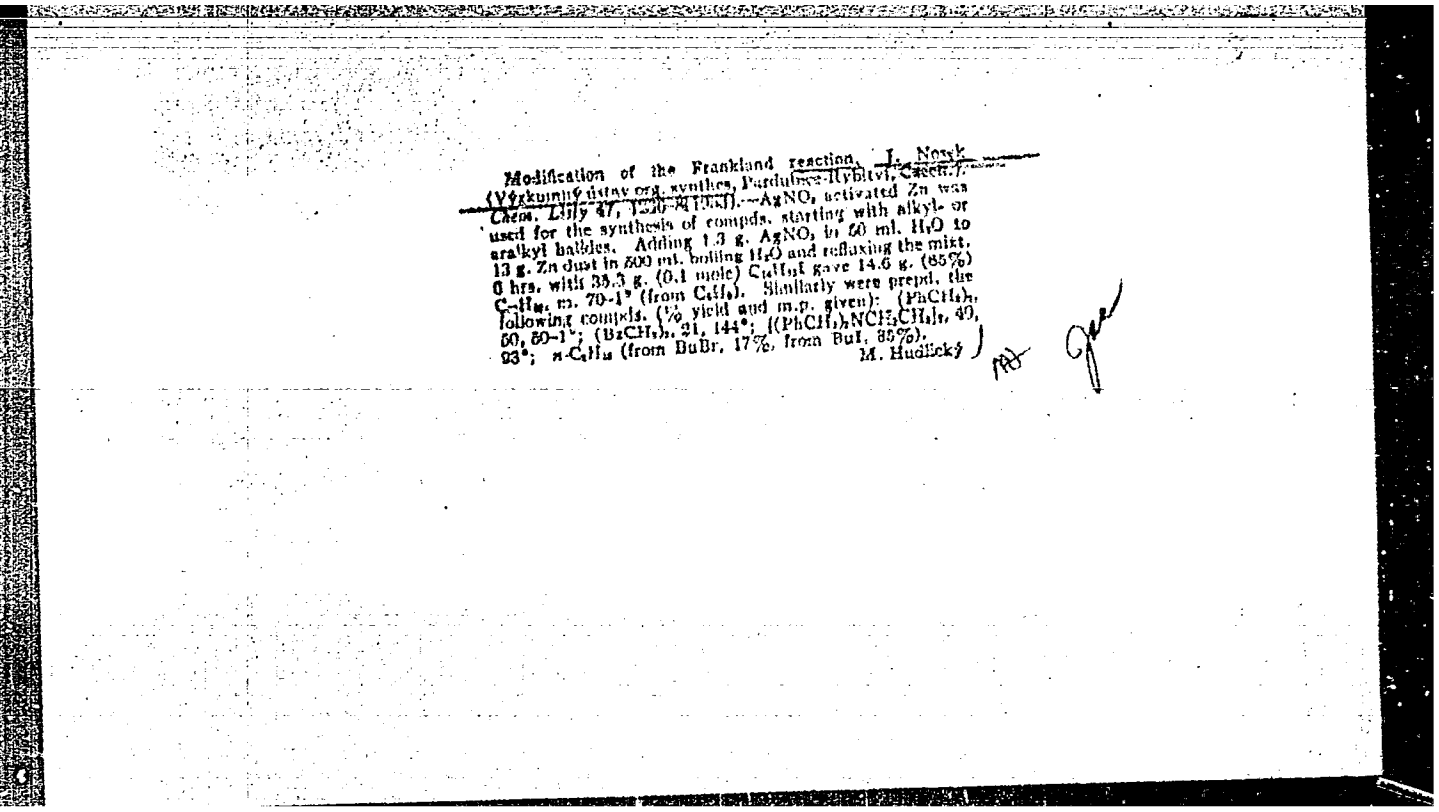

Modification of the Frankland reaction. J. Novák (Výzkumný ústav org. synthes, Pardubice-Rybitví, Czech.). Chem. Listy 47, 1530-8(1953).—AgNO$_3$ activated Zn was used for the synthesis of compds. starting with alkyl- or aralkyl halides. Adding 1.3 g. AgNO$_3$ in 50 ml. H$_2$O to 13 g. Zn dust in 500 ml. boiling H$_2$O and refluxing the mixt. 0 hrs. with 35.5 g. (0.1 mole) $C_6H_{13}I$ gave 14.6 g. (85%) C_6H_{14}, m. 70-1° (from C_6H_6). Similarly were prepd. the following compds. (% yield and m.p. given): $(PhCH_2)_2$, 50, 50-1°; $(BzCH_2)_2$, 21, 144°; $(PhCH_2)_2NCH_2CH_2I$, 40, 93°; n-C_6H_{14} (from BuBr, 17%, from BuI, 85%). M. Hudlický

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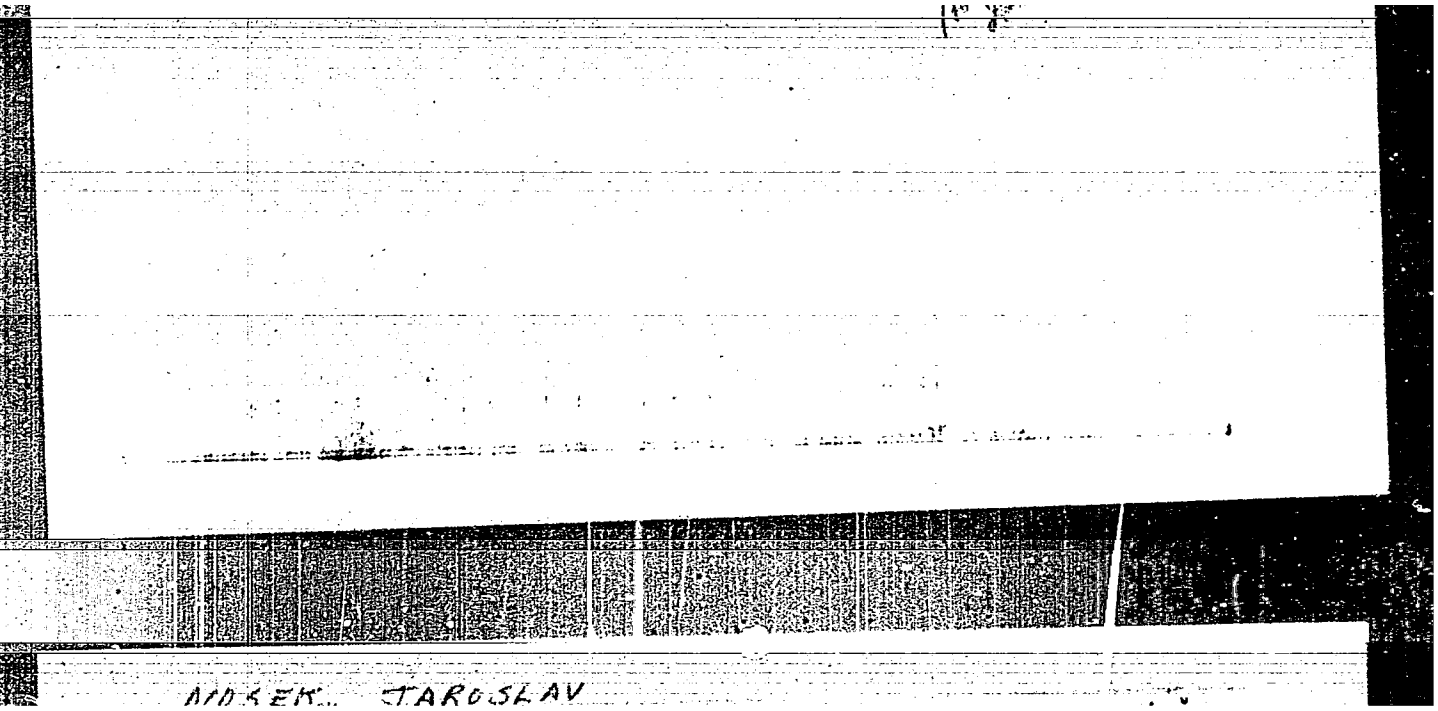

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[illegible] MeOH [illegible] Similarly [illegible]
the MeOH [illegible], m. 215° (from H_2O)
aminotriazine, m. 185–200°
60% $BrCH_2$ [illegible]

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

KAMIS, Jan; NOSEK, Jaroslav

Alkylation of pyrocatechol. Chem prum 14 no.5:245-249 My '64.

1. Research Institute of Organic Syntheses, Pardubice--Rybitvi.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, J.

Modifications of the Frankland reaction. Pt.2. Coll Cz Chem 29 no. 3:597-602 Mr '64.

1. Research Institute of Organic Syntheses, Pardubice - Rybitvi.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, Jiri

Evaluation of the socialist competition on maximum milk production in 1963. Vest ust zemedel [illegible] no.6:257-258 '64.

1. Administration of Agricultur[illegible] Research Institutes of the Ministry of Agriculture, Forest[illegible] and Water Resources Management.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, JOSEF.

Vyzkum pudni zvireny jako soucast vyzkumu biocenosy lesa. Praha, Ceskoslovenska akademie ved. 1954. 111 p. (Ceskoslovenska akademie ved. Sekce biologicka. Studie a prameny, sv. 8) [Research on soil fauna as a part of the research on the ciocoenois of a forest. French and Russian Summaries]

DA

Not in DLC

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

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, J.

BARDOS, V.; BALAT, F.; BRNZINA, R.; KMETY, E.; KRALIKOVA, D.; LIBIKOVA, H.; MACICKA, O.; MANICOVA, E.; NOSEK, J.; ROSICKY, B.; SIMKOVA, A.; SOKODSKA, V.; ZACHAR, D.

Survey of the natural foci of infections in one district of Slovakia. Bratisl. lek. listy 34 no.10-11:1195-1237 Oct-Nov 54.

1. Z Virologickeho ustavu CSAV, riaditel akademik D.Blaskovic. Z Ustavu epidemiologie a mikrobiologie v Bratislave, riaditel dr. J.Karolcak. Z Neurologickeho oddeleni nemocnice v N., primar dr. D.Zachar. Z Infekcneho oddelenia nemocnice v N., primar dr. E.Manicova. Z Biologickeho ustavu CSAV v Prahe, riaditel akademik I.Malek. Z Laboratoria pre stavovce CSAV v Brne, veduci prof. J.Kratochvil. Z Hygienickeho ustavu LSFU v Bratislave, prednosta akademik V.Mucha.

(ENCEPHALITIS, EPIDEMIC, epidemiology in Czech. natural foci in Slovakia)
(LEPTOSPIROSIS, epidemiology in Czech., natural foci in Slovakia)
(RICKETSIAL DISEASES, epidemiology in Czech., natural foci in Slovakia)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, J.

Biocoenotic forest research. p. 199. SBORNIK, RADA LESNICTVI. Praha. Vol. 28, no. 2, Apr. 1955.

SOURCE: East European Accessions List (EEAL) Library of Congress Vol. 5, No. 7, July 1956.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

CZECHOSLOVAKIA/Zooparasitology. Ticks and Insects - Vectors of Causal Organisms. Ticks. G

Abs Jour: Ref. Zhur. - Biol., No 23, 1958, 104116

Author : Macicka, O.; Nosek, J.; Rosicky, B.

Inst : -

Title : Notes on the Ecology, Development and Economic Importance of the Meadow Tick Dermacentor pictus in Central Europe.

Orig Pub: Biol. prace, 1956, 2, No 12, 49 s., il.

Abstract: It has been established that D. pictus is found in large numbers in river valleys of rivers which have only spring floods. In the river valleys of rivers which run down from mountains and which have, because of this, a summer inundation its existence is impossible. On the basis of these observations the authors recom-

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CZECHOSLOVAKIA/Zooparasitology. Ticks and Insects - G
Vectors of Causal Organisms. Ticks.

Abs Jour: Ref. Zhur. - Biol., No 23, 1958, 104116

mend that a fight be waged against ticks on animals only in herds which graze in the river valleys of rivers of the Central European type (that is, having only spring floods) or in elevated places near rivers of the mountain type. Large-scale activity of D. pictus imagos coincides with the blossoming of the hawthorn, but the first individuals appear before it begins to blossom. Three types of habitats of D. pictus were established on the investigated territory of Central Europe: a) areas occupied by pastures where the main hosts of the imago are domestic animals; b) uninhabited areas, were the main hosts of the ticks are primarily wild animals - deer, chamois and hares; c) areas of mixed type. Apparently, with the cultivation of wild nature by man D. pictus

Card 2/3

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Abs Jour: Ref. Zhur. - Biol., No 23, 1958, 104116

will gradually disappear. Even at present the sites of multiplication of it on a large scale are scarce. - From the authors' resume.

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, J.

Exploration of the soil fauna as part of the research on the biocoenosis of forests. II.

p. 9 (BIOLOGICKE PRACE) Vol. 3, no. 2, 1957,
Bratislava, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3, March 1958

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

COUNTRY : CZECHOSLOVAKIA
CATEGORY : General and Specialized Zoology. Insects. P
Biology and Ecology
ABS. JOUR. : RZhBiol., No.23, 1958, No. 105252

AUTHOR : Nosek, J.
INST. :
TITLE : Notes on the Fauna of the Soil from the Edaphic-Biological Point of View.

ORIG. PUB. : Biol. prace, 1957, 3, No. 2, 97-154

ABSTRACT : The number of species of Apterygota in the soil depends chiefly on vegetation grouping. The species composition of Apterygota characterizes well the forest soils. From Mediterranean area into southern Slovakia penetrated the scale mite Amerus troisii, known also in Moravskiy Karst. Morulina verrucos (Collembola) is a relic of the ice age. Isotome pseudomeritima and Isotomurus palliceps are of boreal-alpine origin, and are known in Tetry, Beskidy and in the Alps. The fauna of

Card: 1/2

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

KOSEK, J.; MACICKA, O

"The tick Ixodes ricinus L., the parasite of game animals in the Topolcianky area."

BIOLOGIA, Bratislava, Czechoslovakia, Vol. 13, no. 7, 1958

Monthly List of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59
Uncles

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, J.; GRESIKOVA, M.; REHACEK, J.

Persistence of tick-borne encephalitis virus in hibernating bats.
Acta virol.Engl.Ed.Praha 5 no.2:112-116 Mr '61.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.
(ENCEPHALITIS EPIDEMIC transm)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

REHACEK, J.; NOSEK, J.; GRESIKOVA, M.

Study of the relation of the green lizard (Lacerta viridis Laur.) to natural foci of tick-borne encephalitis. J. hyg. epidem., Praha 5 no.3:366-372 '61.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

(ENCEPHALITIS, EPIDEMIC transm) (SALAMANDERS)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

GRESIKOVA, M.; NOSEK, J.; REHACEK, J.; ALBRECHT, P.

The role of birds in a natural focus of tick-borne encephalitis. II. Experimental infection of great tits (Parus major L.) with tick-borne encephalitis virus. J hyg. epidem. 6 no.3:339-342 '62.

1. Virological Institute, Czechoslovak Academy of Sciences, Bratislava.
(ENCEPHALITIS, EPIDEMIC)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, J.; GRESIKOVA, M.; REHACEK, J.; KOZUCH, O.; ALBRECHT, P.

The role of birds in a natural focus of tick-borne encephalitis. IV. Experimental infection of pheasants (Phasianus colchicus) with tick-borne encephalitis virus. J. hyg. epidem. 6 no.4:478-482 '62.

1. Virological Institute, Czechoslovak Academy of Sciences, Bratislava.
(ENCEPHALITIS, EPIDEMIC) (BIRDS)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

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CZECHOSLOVAKIA

NOSEK, J. and REHACEK, J.; [Affiliation as above.]

[Tick-Borne Encephalitis Part] 3. Natural Conditions in the Area Chosen."

Bratislava, Biologicke Prace, Vol 8, No 9, 1962; pp 21-34.

Abstract [English summary modified]: Thorought description of plant, game and tick (Ixodes ricinus, Dermacentor marginatus, Haemophysalis punctata and H. inermis) in Zlate Moravce. Very heavy tick infestation was observed throughout the area, in most vertebrates including lizards (Lacerta viridis) but especially small mammals such as field mice, squirrels etc. Map, 7 photographs, 7 tables.

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CZECHOSLOVAKIA

NOSEK, J., REHACEK, J., GRESIKOVA, M. and ERNEK, E. [Virology Institute of CSAV, Bratislava.]

"4. Study of Virus Neutralizing Antibodies Against the Tick-Borne Encephalitis Virus in Small Vertebrates."

Bratislava, Biologicke Prace, Vol 8, No 9, 1962; pp 35-37.

Abstract [English summary modified] : No virus was isolated from 304 small rodents nor 307 birds, but 16 of 316 rodents and 4 of 307 birds and none of 86 lizards (L. viridis) were serologically positive. Table.

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, J.; REHACEK, J.; ERHEK, E.; GRESIKOVA, M.

The importance of small vertebrates as reservoirs of tick encephalitis viruses in a natural focus in the area of Zlate Moravce. Cesk. epidem. 11 no.6:381-385 N '62.

1. Virologicky ustav CSAV v Bratislave.
(ENCEPHALITIS EPIDEMIC) (ENCEPHALITIS VIRUSES)
(VERTEBRATES)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, Josef, C.Sc. (Bratislava, Mlynska dolina).

Collembola from the Plavecke Podhradie cave in Little Carpathians.
Cas entom 59 no.1:12-18 '62

1. Czechoslovak Academy of Sciences, Institute of Virology, Bratislava.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

REHACEK, J.; GRESIKOVÁ, M.; NOSEK, J.; ALBRECHT, P.

Experimental infection of the buzzard (Buteo buteo L.) with tick-borne encephalitis virus. J. hyg. epidem. 7 no.2:145-150 '63.

1. Virological Institute, the Czechoslovak Academy of Sciences, Bratislava.
(ENCEPHALITIS VIRUSES) (TICKS)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

MOSEK, J.; KOZUCH, O.; LICHARD, M.; ERNEK, E.; ALBRECHT, P.

Experimental infection of the great dormouse (Glis glis) with tick-borne encephalitis virus. Acta virol. 7 no.4:374-376 Jl '63.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

(TICKS) (ENCEPHALITIS)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, Josef

Relation of Apterygota to some plant communities in the Nizke Tatry Mountains. Rost vyroba 9 no.7/8:825-831 Jl-Ag '63.

1. Virologicky ustav Ceskoslovenske akademie ved, Bratislava.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

LIBIKOVA, H.; GRESIKOVA, M.; REHACEK, J.; ERNEK, E.; NOSEK, J.

Immunological surveys on natural foci of tick encephalitis.
Bratisl. lek. listy 43 no.1:40-53 '63.

1. Virologicky ustav CSAV v Bratislave, riaditel akademik D. Blaskovic.

(ENCEPHALITIS, EPIDEMIC)
(ARBORVIRUS INFECTIONS)
(NEUTRALIZATION TESTS)
(ANTIBODIES)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

KOZUCH,O.; NOSEK, J.

Alimentary infection of the hedgehog with tick-borne encephalitis (TE) virus. Acta virol. (Praha) [Eng.] 8 no.3:284 My'64

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, Josef, CSc.

Some records of Protura and Collembola from the Carpathian Mountains. Cas entom 61 no.1:7-18 '64.

1. Institute of Virology, Bratislava 9.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

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CA

17.

Morphine polarography.—J. Nosek and O. Krestfuova (Palace Univ., Olomouc, Czech.). *Časopis České Lékárnictva* 63, 49–51(1950).—Morphine (I) as the 2-nitroso deriv. can be detd. rapidly by polarography. The nitro deriv. is not suitable. The method is useful in analyzing crude materials during industrial purification of I and for other alkaloids contg. the morphine group. James L. Jeri

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, J.J.; HARTEK, J.

Cancer treatment. Cas.cesk.lek.Ved.priloha 63 no.9-12:264-265 Dec 1950. (CIML 20:9)

1. Of the Institute of Medical Chemistry of Palacky University, Olomouc.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, J.J.

NOSEK, J.J.

New drugs. Cas.cesk.lek. 63 no.12:136-137 June 50. (CLML 19:4)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, J. Czech CA: 47:11037

with O. KRÁSTÝNOVÁ, and R. PODIVINSKÝ

Palacký Univ., Olomouc, Czech.

"The polarography of steroids."

Sborník Mezinárod. Polarog. Sjezdu Praze, 1st Congr. 1951, Pt. III, Proc., 624-8 (in Czech), 628-30 (in Russian), 630-1 (in English).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

HOSEK, J.J.

Modern therapeutics of rheumatoid arthritis. Cas.lek.cesk. 90 no.22:679-681 1 June 1951. (CIML 20:9)

1. Of the Institute of Medical Chemistry of Palacky University, Olomouc.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, J.J.; MACAK, V.

New fibrigenous substances and their significance in medicine.
Cas. lek cesk. 90 no. 48:1437-1438. 23 Nov. 1951. (CIML 21:3)

1. Of the Institute of Medical Chemistry of Palacky University, Olomouc.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, J. J.

24(2,4) PHASE I BOOK EXPLOITATION CZECH/2433

International Polarographic Congress. 1st, Prague, 1951

Sbornik I. Mezinárodního polarografického sjezdu. Díl 3: Hlavní referáty přednesené na sjezdu. Proceedings...Vol 3: Reviews Read at the Congress. Praha, Přírodovědecké vyd-ví [1952] 774 p. 2,000 copies printed.

Resp. Ed.: Jiří Koryta, Doctor; Chief Ed. of Publishing House: Milan Skalník, Doctor; Tech. Ed.: Oldřich Dunka.

PURPOSE: The book is intended for chemists, chemical engineers, and physicists.

COVERAGE: The book is a collection of reviews and original papers read at the International Polarographic Congress held in Prague in 1951. Uses of polarography in organic and inorganic analysis, biochemistry, medicine, and industrial chemistry are discussed. In that section, Reviews Read at the Congress, Russian and either German or English translations of each review are presented. In the section, Original Papers Read at the Congress, only those translations in Russian, German, and English which have not been published in Volume I are presented. The following scientists participated in the opening of the Congress: Professor Wiktor Kemula, Dean of the Faculty of Sciences, Warsaw; Doctor Jaromír Dolanský, Minister of Planning; Professor Jaroslav Heyrovský, Chairman of the Congress; and Professor Jaroslav Fukátko, Chairman of the Center for Scientific Research and Technical Development. References follow each paper.

[Russian Translation] 601
[English Translation] 603

Knobloch, E. Hydrolytic Decomposition of the Oxidation Product of 2-methyl-1.4-aminonaphthol (Vitamin K_5) 607

Ritter, B. Polarography of Ascaridole 617

Kleinzeller, A., and Z. Fencl. Muconic Acid in Bacteria 619
[Russian Translation] 620
[English Translation] 622

Nosek, J. J., O. Kreatýnová, and R. Podivínský. Polarography of Steroids 624
[Russian Translation] 628
[English Translation] 630

Šantavý, F. Polarography of Cardiac Poisons With Five-or Six-member Lactone Rings 632

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

CZECHOSLOVAKIA / Pharmacology. Toxicology. Toxicology. V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42529.

Author : Nosek, J.; Chmelar, V.; Ledvina, M.
Inst : Not Given.
Title : Cyanide Antidotes.

Orig Pub: Ceskosl. fysiol., 1957, 6, No 1, 87-94.

Abstract: Ascorbic acid, carbon ferronate, glucose and dioxyacetone produced, in vitro, a fall in the polarographic wave of KCN, but not in a sufficient degree to overcome poisoning. Ascorbic acid, previously added to KCN, doubled DL_{50} KCN in rats. Treatment with ascorbic acid, of rats, poisoned with KCN was ineffective. Administration, to rats, of pyruvic acid (PA), previously, added to KCN, doubled DL_{50} in acid medium, increased it 5 times in alkaline medium. Following administration of

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

CHMELAR, V.; NOSEK, J.

Effect of ethylenediaminoacetic acid on the level and form of polarographic degree of albumins. In German. Coll.Cz.Chem. 24 no.9:3084-3089 S '59. (MIAI 9:5)

1. Institut fur medizinische Chemie Medizinische Fakultat, Hradec Kralove.
(Ethylenedinitrolotetraacetic acid) (Polarograph and polarography)
(Albumins)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, Ya. [Nosek, J.]; MILICH, D. [Milic, D.]

Chemical protection of the skin from burns due to the action of heat and light. Gig.i san. 25 no.8:101 Ag '60. (MIRA 13:11)

1. Iz Instituta meditsinskoy khimii meditsinskogo fakul'teta Karlova universiteta v Gradtse Kralove, Chekhoslovakiya.
(SILICONES) (BURNS AND SCALDS)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, K.

"Mechanizers in Harvesting", P. 1. (TECHNICKE NOVINY, Vol. 2, No. 15, Aug. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, K.: MICHALEC, J.

"Why are we building water works on the Vltava River"?

P. 240. (Ministerstvo kultury. Statni pece o ochranu prirody —Praha, Czechoslovka.) Vol. 12, no. 8, Nov. 1957.

SO: Monthly Index of East European Accession (EEAI) LC, Vol. 7, No. 5, May 1958

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, K.

The efficiency of disposing of rocks from shafts by using the LCH-335 grab loaders. p. 26.

PRZEGLAD GORNICZY. (Stowarzyszenie Naukowo-Techniczne Inzynierow i Techników Gornictwa) Katowice, Poland. Vol. 15, no. 1/2, Jan./Feb. 1959

Monthly list of East European Accessions (EEAI) LC. Vol. 8, No. 7, July 1959.

Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, L.

"How to increase the productivity of labor and the life of instruments." (p. 145). "Successes of the Chinese people on the economic front." (p. 147). CESKOSLOVENSKY PRUMYSL (Ministerstva teskeho prumslu) Praha, Vol 7, No 4, Apr. 1954.

SO: East European Accessions List, Vol 3, No 8, Aug 1954

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, M.

October precipitation singularities on the Czechoslovak territory. Meteor zpravy 17 no.2:37-41 Ap '64.

1. Department of Meteorology and Climatology, J.E.Purkyne University, Brno.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, M.

National Meteorological Conference in Liblice, October 13-16, 1964. Sbor zem 70 no.1:68-69 '65.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

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NOSEK, M.

Use of the tests of difference between two averages of pair values in meteorology. Meteor zpravy 16 no.6:164-167 D '63.

1. KGPF, Brno.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, M.

New trends in climatologic classifications. Sbor zem 68 no.4:329-337 '63.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, M., doc., RNDr., CSc.

Problems of special education in biometeorology. Meteor zpravy 16 no.3/4:110-111 Ag '63.

1. Oddeleni klimatologie katedry geografie na prirodni fakulte university J.E. Purkyne, Brno.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, Marian

Prospecting brown coal deposits south of Glowaczow in the Kozienice District of Kielce Voivodeship. Kwartalnik geol 5 no.4:959-960 '61.

1. Zaklad Zloz Wegli, Instytut Geologiczny, Warszawa.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, Marian

Brown coal from deposits of the vicinity of Parowa and its chemical characteristics. Kwartalnik geol 8 no.3:643-650 '64.

1. Department of Brown Coal Deposits of the Institute of Geology, Warsaw. Submitted September 24, 1963.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, Mil.

Freight custom clearance. Letecky obzor 9 no.3:60-62 Mr '65.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, M.

Potencialni sila vody na Morave a ve Slezsku (Potential Strength of Water in Moravia and Silesia); a book review. p. 163. Prague. METEOROLOGICKE ZPRAVY. Vol. 6, no. 6. Dec. 1953.

Source: East European Accessions List (EEAL), LC, Vol. 5, No. 3, March 1956.

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Nosek, Milos

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Nosek, Miloš, Zpráva o pracovní poradě komise pro vymezení klimatických oblastí v ČSR. [Working conference of the Committee on the Determination of Climatic Regions in Czechoslovakia.] *Meteorologické Zprávy*, Prague, 10(3):82–83, 1957. photo. DWB—Account of a meeting at which general problems of climatic classification and specific problems concerning Czechoslovakia were discussed and a map of climatic regions of Czechoslovakia was submitted. Guests from the U.S.S.R., Hungary and Poland participated. *Subject Headings:* 1. Climatic regions 2. Climatic classifications 3. Conferences 4. Czechoslovakia.—*G.T.*

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4.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, M.

"Methods of classifying climates and methods of research for the purpose of regional planning."

p. 157 (Meteorologicke Zpravy, Vol. 10, no. 6, Dec. 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 9, September 1958

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

MOSEK, M.

MOSEK, M. Singularities of precipitation in Moravia and Silesia. p. 18.

Vol. 62, no. 1, 1957
SBORNIK
GEOGRAPHY & GEOLOGY
Czechoslovakia

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

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

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KOSEK, M.

"Report on the 2d National Bioclimatologic conference."

SBORNIK, Praha, Czechoslovakia, Vol. 64, No. 2, 1959.

Monthly list of EAST EUROPEAN ACCESSIONS INDEX (EEAI), Library of Congress, Vol. 8, No. 8, August, 1959.

Unclassified.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, Milos

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: /not given/

Source: Prague, Sbornik Ceskoslovenske Spolecnosti Zemepisne, Vol 66, No 4, 61, pp 373-374.

Data: Meteorology and Climatology in Agriculture (Meteorologie a klimatologie v zemedelstvi). Prague, SZN /Statni zemedelske nakladatelstvi; State Agricultural Publishing House/, 1961. 402 pages, 245 illustrations, 55 tables, 11 maps.

Author: UHLIR, Pavel

Reviewer: NOSEK, Milos

GPO 981643

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, M.

The importance of the scientific work of B.Hrdlicka. Meteorolog zpravy 15 no.5:149-150 O '62.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, M.

Dispersion analysis and importance tests in dynamic climatology.
Meteor zpravy 17 no.5:142-147 O '64.

1. Faculty of Natural Sciences, J.E. Purkyne University, Brno.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, Milos, doc. dr. CSc,

Secular fluctuations of the October precipitations in the Carpathian part of the Danube Valley. Sbor vem 69 no.2: 114-121 '64

1. Chair of Geography, J.E. Purkyne University, Brno, Janackovo namesti 2a.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0011373

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, M. V.

NOSEK, M. V. --"Heat Content of Sulfides of Heavy Metals and Their Alloys." *(Dissertations for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions) Acad Sci Kazakhstan SSR, Inst of Metallurgy and Enrichment, Alma-Ata, 1955

SO: Knizhnaya Letopis', No. 25, 18 Jun 55

* For the Degree of Doctor of Technical Sciences

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, M. V., and ONAYEV, I. A.

"Methods of Quantitative Thermal Analysis for the Determination of Heat Content and Heat Expenditure of Metallurgical Melts" a paper read at the International Metallurgists' Conference, Moscow 26-30 June 56

SO: CS-3,302,240, 11 Jan 57

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, M.V.

5(2) PHASE I BOOK EXPLOITATION SOV/1699

Akademiya nauk Kazakhskoy SSR. Institut khimicheskikh nauk

Issledovaniya po elektrokhimii vodnykh rastvorov i rasplavov i amal'gamnoy metallurgii (Research on the Electrochemistry of Water Solutions, Fusions and Amalgam Metallurgy) Alma-Ata, Izd-vo AN Kaz. SSR, 1958. 122 p. (Series: Its: Trudy, t. 3) 1,300 copies printed.

Ed.: V.V. Aleksandriyskiy; Tech. ed.: Z.P. Korokina; Editorial Board of Series: I.I. Zabotin, V.M. Ilyushchenko, G.Z. Kir'yakov (Deputy Resp. Ed.), M.T. Kozlovskiy, (Resp. Ed.) and L.N. Sheludyakov.

PURPOSE: This book is intended for scientists and engineers in the electrochemical and nonferrous metal industries.

COVERAGE: This collection contains 14 reports by the Laboratories for Analytical Chemistry and Electrochemistry attached to the Institute of Chemical Sciences, Academy of Sciences, Kazakhstan Republic. The amalgam method of obtaining thallium from lead powder, the electrolysis of sulfate solutions of zinc and the impoverishment of waste slag during nickel production are described. The majority of articles have a practical nature and deal with problems of

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developing and perfecting new electrochemical methods for the production of nonferrous metals.

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Research on the Electrochemistry of Water Solutions (Cont.) SOV/1699

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

NOSEK, M. V.

136-1-7/20

AUTHORS: Kozlovskiy, M.T., Zabotin, P.I., Ilyushchenko, V.M., Bukhman, S.P., Nosek, M.V., Sergiyenko, V.Ya. and Malkin, Ya.Z.

TITLE: Use of an Amalgam Method for Extracting Thallium from Chimkent Lead Works Dust (Primeneniye amal'gamnogo metoda k izvlecheniyu talliya iz pyley chimkentskogo svintsovogo zavoda)

PERIODICAL: Tsvetnyye Metally, 1958, No.1, pp. 30 - 41 (USSR).

ABSTRACT: The work described was based on theoretical and applied work on amalgam methods of separating and producing metals at the Chemical-sciences Institute of the Ac.Sc. KazakSSR (Institut khimicheskikh nauk AN KazSSR) and the Kazakhsk State University imeni S.M. Kirov (Kazakhskiy gosudarstvennyy universitet im. S.M. Kirova) under the direction of M.T. Kos-lovskiy (Refs. 1-8). The following participated in the work: A. Zebreva, Candidate of Chemical Sciences, V. Gladyshev of the University and M. Levanov, V. Prachev, Ye. Rubanova, M. Shalaginova, G. Nosov and Yu. Stolyarov of the Chimkentsk Lead Works. K. Simakov and L. Ushkov of the Works helped to organise the semi full-scale trials and I. Yudevich and N. Karpenko analysed spectroscopically for thallium and N. Popova did chemical and polarographic analyses with O. Orsa

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Use of an Amalgam Method for Extracting Thallium from Chimkent Lead Works Dust

of the Chemical-sciences Institute of the An KazSSR. Sintering-dust analyses for different periods are tabulated (Table 1) and laboratory-scale experiments with the dust are described. Here, roasting of 20-25 kg batches was carried out at 400 - 500 °C, showing (Fig.1) that an appreciable part of the sulphide sulphur and thallium is eliminated within the first hour at 400 °C. Four-fold leaching of the dust (two 250-g samples) with water at 80 - 90 °C showed (Table 3) that 80-90% of the thallium was extracted in the water, the extraction increasing with temperature. Cementation of thallium with zinc amalgam was carried out on the acidulated extract which was continuously circulated (Fig.3): the results (Table 4) showed that 98-99% extraction of thallium from the solution could be obtained. It was shown that the amalgam (originally 0.36 - 0.40 g/litre Zn, 0.127 g/litre Cd and 108 mg/litre Tl) could be decomposed by anodic oxidation with special electrolytes at current densities of 100 - 50 A/m^2, the density being gradually reduced as the appropriate metal was removed from the amalgam. The flow-sheet based on the laboratory results (Fig.4) was put into practice in a larger scale plant (Fig.5) at the Chimkensk Works, where it

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treated several tons of dust from April to October, 1956 and was used for balance experiments in October of that year. The article gives details of the different stages and balances for the different metals. These show that with the proposed method pure metallic thallium can be obtained with a yield of 65%, about 30% being in returns and 5% being lost. An editorial note invites discussion on the amalgam method. There are 5 figures, 13 tables and 10 Russian references.

ASSOCIATION: Institute of Chemical Sciences of the Ac. of Sc. KazSSR (Institut khimicheskikh nauk AN KazSSR) and Chimkent Lead Works (Chimkentskiy svintsovyy zavod)

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KOZLOVSKIY, M.T.; MOSEK, M.V.; BUKHMAN, S.P.; ZABOTIN, P.I.; ILYUSHCHENKO, V.N.

Water leaching of thallium from agglomeration dust at the Chemkent lead smelting and refining works. Trudy Inst. khim. nauk AN Kazakh. SSR 3:5-14 '58. (MIRA 12:3)
(Thallium--Metallurgy)

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KOSLOVSKIY, M.T.; ILYUSHCHENKO, V.M.; ZABOTIN, P.I.; NOSEK, M.V.; BUKHMAN, S.P.; ZEBREVA, A.I.

Electrolytic decomposition of amalgams during production of thallium from dusts at the Chimkent lead smelting and refining works. Trudy Inst. khim. nauk AN Kazakh. SSR 3:20-26 '58. (MIRA 12:3)

(Amalgamation) (Thallium--Electrometallurgy)

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ROSEK, M.V.; ILYUSHCHENKO, V.M.; KOZLOVSKIY, M.T.

Investigation of the potentials of amalgams of some metals during anodic oxidation in a sulfate - ammonia electrolyte. Trudy Inst. khim. nauk AN Kazakh. SSR 3:29-38 '58. (MIRA 12:3)
(Amalgams) (Oxidation)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001137

BUKHMAN, S.P.; BOSEK, M.V.

Polarographic determination of indium. Trudy Inst. khim. nauk AN Kazakh. SSR 3:39-44 '58. (MIRA 12:3)
(Indium--Analysis) (Polarography)

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AUTHORS: Bukhman, S.P., Nosek, M.V., Kozlovskiy, M.T. 32-24-4-4/67

TITLE: An Accelerated Method for the Polarographic Determination of Indium (Uskorennyy metod polyarograficheskogo opredeleniya indiya)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol. 24, Nr 4, pp. 392-395 (USSR)

ABSTRACT: A number of tests confirmed the fact that indium from 10% sulfuric acid solutions with zinc amalgam does not cement. This knowledge is utilized for the elimination of accompanying elements. In the case of the treatment of indium solutions with zinc amalgam, copper, thallium, and cadmium are reduced to the metal and penetrate into the amalgam, whereas arsenic III and partly antimony, tellurium and selenium remain on the amalgam surface. The latter may lead to part of the indium goingover into the amalgam. In order to remove arsenic V, which cannot be quantitatively reduced during treatment with zinc amalgam without causing a loss of indium, the solution is treated with iron reduced in hydrogen and in a 4n sulfuric acid medium. During polarization itself, it is true that also the presence of antimony, which must first be removed, disturbs. From the process of analysis given it may be seen that a

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An Accelerated Method for the Polarographic Determination of Indium

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2% zinc amalgam solution is used and that at least 75 g/l NaCl is added. However, polarograms are made within a potential range of from -0.45 -0.8 V. The method was employed for determining indium in the dust of a lead mine and gives results which agree well with those obtained by the usual method of determination of the Giutsvetmet. If two standard samples are used determination is said to take from 40 to 50 minutes. Results are given in a table. There are 1 figure, 2 tables, and 7 references, 6 of which are Soviet.

ASSOCIATION: Institut khimicheskikh nauk Akademii nauk Kazakhskoy SSR (Institute for Chemical Sciences AS Kazakh SSR)

1. Indium compounds--Analysis 2. Indium--Determination
3. Metals--Separation 4. Polarogrpahic analysis

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KOZLOVSKIY, M.T.; ZABOTIN, P.I.; ILYUSHCHENKO, V.M.; BUKHMAN, S.P.; MOSEK, M.V.; SHEGLIYENKO, V.Ya.; MALKIN, Ya.Z.

Using the amalgamation method for the recovery of thallium from dusts of the Chimkent Lead Refinery. TSvet.met. 31 no.1:30-41 Ja '58. (MIRA 11:2)

1.Institut khimicheskikh nauk AN KazSSR i Chimkentskiy svintsovyy zavod.
(Thallium) (Chimkent--Lead ores)

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BUKHMAN, S.P.; MOSKK, M.V.; KOZLOVSKIY, M.T.

Reduction of arsenic by zinc amalgam. Report No.1. Izv. AN Kazakh. SSR.Ser. khim. no.1:69-76 '60. (MIRA 13:11)
(Arsenic) (Zinc-mercury alloys)

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NOSEK, M.V.; BUKHMAN, S.P.; KOZLOVSKIY, M.T.

Reduction of arsenic by zinc amalgam. Report No. 2. Izv. AN Kazakh. SSR. Ser. khim. no.1:77-85 '60. (MIRA 13:11)
(Arsenic) (Zinc-mercury alloys)

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KOZLOVSKIY, M.T.; BUKHMAN, S.P.; NOSEK, M.V.

Effect of copper ions on the reduction of arsenic by zinc amalgam.
Trudy Inst.khim.nauk AN Kazakh.SSR 6:115-122 '60. (MIRA 14:4)
(Arsenic) (Copper) (Zinc)

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