"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZEW, J.; ZAWRZYKRAJ, J.

The activity of methyl groups in the derivatives of benzoylacetic amide. Bul chim PAN 12 no.8:517-520 '64.

1. Department of Organic Chemistry of Jagiellonian University, Krakow, and Laboratory No.6 of the Institute of Organic Synthesis of the Polish Academy of Sciences. Submitted April 8, 1964.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZEW, Jan; MIREK, Julian; WACHALEWSKI, Tadeusz

Rhodanates of the naphthalene series as potential plant growth regulators. Prace chem Krakow no.9:83-86 '64.

1. Department of Organic Chemistry of Jagiellonian University, Krakow. Submitted October 1, 1962.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZEW, J.; KUSMIERCZYK, St.

Transformation of the anilides of aliphatic β-keto acids. Pt.2. Bul chim PAN 9[i.e. 12] no.9:587-591 '64.

1. Department of Organic Chemistry of Jagiellonian University, Krakow, and Laboratory No.6, of the Institute of Organic Synthesis of the Polish Academy of Sciences, Krakow. Submitted April 8, 1964.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZKALY, E.

"Altering the Tuning of People's Radios", P. 39, (RADIOTECHNIKA, Vol. 4, No. 2, Feb. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZKALY, E.

"Simple Medium Frequency With Efficiency", P. 41, (RADIOTECHNIKA, Vol. 4, No. 2, Feb. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZKALY, E.

"High-Frequency Preamplifier", P. 44, (RADIOTECHNIKA, Vol. 4, No. 2, Feb. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZKALY, E.

"Honeycomb Coiling Machine", P. 46, (RADIOTECHNIKA, Vol. 4, No. 2, Feb. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZKALY, E.

"I Repaired It This Way; the Orion 881 and 882 Radio Sets", P. 95, (RADIOTECHNIKA, Vol. 4, No. 4, Apr. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZKOWSKI, Stefan

Technical and operative evaluation of lift trucks and self propelled cranes. Tech gosp morska 14 no.2:49-52 F '64.

1. Zarzad Portu, Gdansk.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZNER, Zenon (Krakow)

A problem respecting the Frenet trihedron. Glas mat fiz Hrv 17 no.1/2:53-68 '62 [publ. '63].

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZNER, Z. (Krakow)

On the equation of spheric curves. Annales Polonici mathem 11 no.3:248-251 '62

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

GOLAB, S. MOSZNER, Z. (Krakow)

Contact of curves in general metric spaces. Col math 10 no.2:305-311 '63.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZNER, Zenon

On some isosurface representations. Geod i kart 11 no.3/4:243-246 '62.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZNER, Z. (Krakow)

A Bocher theorem on the Wronskian. Col math 11 no.1:109-111 '63.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZORO, K.

2043. COMBUSTION AREAS IN FRONT OF BLAST FURNACE TUYERES, Kuszewski, W. and Moszoro, K. (Hutnik (Smelter, Warsaw), Dec. 1953, vol. 20, 361-367). Discusses theoretical and practical importance of Czyzewski pattern for the blast furnace process. Describes influence of temperature and pressure on velocity of coke consumption. B.T.R.

Fuel 2

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZYNSKA, B.; SZCZEPANIAK, K.

Influence of temperature on the width of some tetrachloride Raman lines and the calculation of the time periods of the relaxation of orientation. Bul Ac Pol mat 8 no.3:195-201 '60. (EEAI 9:11)

1. Instytut Fizyki Doswiadczalnej, Uniwersytet, Warszawa i Katedra Fizyki, A, Politechnika, Warszawa. Presente par A.Jablonski.

(Carbon tetrachloride)
(Spectrum analysis)
(Raman effect)
(Titanium chlorides)
(Tin chlorides)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZYNSKA, B.

Variation of Raman ray intensity caused by temperature. Bul Ac Pol Mat 9 no.4:323-325 '61.

1. Instytut Fizyki Doswiadczalnej, Uniwersytet, Warszawa and Katedra Fizyki A, Politechnika, Warszawa. Presente par A. Jablonski.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZYNSKA, M.

Generalization of the theory of retracts on the repairs of spaces. Bul Ac Pol math 13 no.1:13-19 '65.

1. Mathematical Institute of Warsaw University. Submitted October 26, 1964.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZYNSKI, Boguslaw

Lavage of the tympanic cavity as a method of the treatment of acute otitis media in children. Otolar. polska 10 no.1:17-27 1956.

1. Z Kliniki Otolaryngologicznej A.M. w Warszawie Kierownik: prof. dr. med. H. Lewenfisz.
(OTITIS MEDIA, therapy.
lavage of tympanic cavity (Pol))

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZYNSKI, Boguslaw

Hemorrhage from the lateral sinus in the course of chronic otitis media. Otolar. polska 10 no.2:179-182 1956.

1. Z Kliniki Oto-laryngol. A.M. w Warszawie Kier. prof. dr. med. H. Lewenfisz, Warszawa, ul. Odynca 61a m. 25.

(OTITIS MEDIA, complications
lateral sinus hemorrh., recur., surg. (Pol))
(VEINS, CRANIAL SINUSES, hemorrhage
lateral sinus hemorrh., recur., in otitis media, surg (Pol))

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZYNSKI, Boguslaw

Data on the surgical treatment of angioma of the pharynx. Otolar. Otolar. polska 12 no.2:187-191 1958.

1. Z Kliniki Otolaryngologicznej A. M. w Warszawie Kierownik: prof. dr med. J. Szymanski.

(PHARYNX, neoplasms
angioma, cavernous, surg. technic (Pol))
(ANGIOMA, surg.
larynx, technic in cavernous angioma (Pol))

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

SZYMANSKI, Jan; MOSZYNSKI, Boguslaw

A case of reticulosarcoma of the frontal sinus. Polski tygod. lek. 17 no.22:883-885 28 My '62.

1. Z Kliniki Otolaryngologicznej AM w Warszawie; kierownik: prof. dr med. J. Szymanski.
(FRONTAL SINUS neopl) (SARCOMA RETICULUM CELL case reports)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZYNSKI, Boguslaw

Apropos of dermatoplasty in middle ear operations. Otolaryng. Pol. 19 no.1[illegible]-53 '65.

1. Z Kliniki Otolaryngologicznej Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. J. Szymanski).

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZYNSKI, Bogusław

Our experiments with the sound probe. Otolaryng. Pol. 19 no.3: 353-358 '65.

1. Z Kliniki Otolaryngologicznej AM w Warszawie (Kierownik: prof. dr. med. J. Szymanski).

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZYNSKI, Boguslaw

Treatment of acute pharyngitis with dequaline chloride and nitrofurazone. Pol. tyg. lek. 20 no.3:96-98 19 Ja '65

1. Z Kliniki Otolarungologicznej Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. Jan Szymański).

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZYNSKI, B.; GOZDZIK - ZOLNIERKIEWICZ, T.

A case of tuberculosis of the nose, throat and larynx in a child. Pol. tyg. lek. 20 no.4:145-146 25 Ja '65

1. Z Kliniki Otolaryngologicznej Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. Jan Szymanski).

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZYNSKI, Boguslaw; GOZDZIK-ZOLNIERKIEWICZ, Teresa

Bell's palsy. Otolaryng. Pol. 19 no.3:421-426 '65.

1. Z Kliniki Otolaryngologicznej AM w Warszawie (Kierownik: prof. dr. J. Szymanski).

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZYNSKI, E.

Testing shoe rubber for peircing by electric current. p. 286

OCHRONA PRACY: BEZPIECZENSTWO I HIGINA PRACY
Vol. 9, no. 9, Sept. 1955
Warszawa

SOURCE: Montly List of East European Accessions (EEAL), LC, Vol. 5, no. 2, Feb. 1956

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MARCHEWKA, Witold, mgr.,inz.; MOSZYNSKI, Jan, mgr.,inz.

Stabilization of cooling water by phosphates. Energetyka Pol 15 no.11:330-333 '61.

1. Elektrocieplownia im. Lenina w Lodzi.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MARCHEWSKA, Witold, mgr inz.; MOSZYNSKI, Jan, mgr inz.

Effects of concentrations of iron and organic compounds on the usability of anion exchangers. Energetyka [illegible] Ja '65.

1. Lenin Thermal-Electric Power Station.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOSZYNSKI, K.

Jaworowski, J. W.; and Moszyński, K. A theorem on mappings of the sphere into the projective space. Bull. Acad. Polon. Sci. Cl. III. 4 (1956), 75-77.

Let S^n be the n-dimensional unit sphere $|x|=1$ and ϕ a continuous mapping of S^n into itself such that $\phi(-x)\neq -\phi(x)$ for every x. Then (1) there is a point x_0 of S^n such that $\phi(-x_0)=\phi(x_0)$, and (2) the degree $d(\phi)$ of ϕ satisfies the condition: $d(\phi)\equiv 0 \pmod 2$ if n is odd, $d(\phi)=0$ if n is even. From (1) it follows that to any continuous mapping f of S^n, $n>1$, into the n-dimensional projective space there is a point x_0 of S^n such that $f(x_0)=f(-x_0)$.

R. H. Fox (Princeton, N. J.).

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOT', I.S.

M-2

USSR/Cultivated Plants - Grains.

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91595

Author : Severtsev, M.S., Mot', I.S.

Inst : Grodnensk Agricultural Institute.

Title : Contribution to the Problem of Working the Perennial Grass Layer under Winter Crops.

Orig Pub : Tr. Grodnensk. s.-kh. in-ta, 1957, vyp. 3, 15-21.

Abstract : In the 1954-1955 tests, the winter rye harvest with regular plowing to a depth of 20 - 22 cm was 23.4, plowing without terracing to 35 - 40 cm depth with preliminary disking 19.9 and with disking to 5 - 7 cm - 18.7 centner/hectare. The substitution of surface plowing for winter wheat brought about a decrease in the yield of 9.5 centner/hectare. With surface working the sod remains on the surface, moisture is not retained as well, and the nitrates

Card 1/2

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

VALENTA, Vladimir, dr inz. (Bratislava, Czechoslovakia); MOTAK, Edward, mgr inz.

Letters to the editor. Inz i bud 21 no.10:368 O '64.

1. Design Office of Industrial Construction, Krakow (for Motak).

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

S/137/62/000/009/008/033
A006/A101

AUTHORS: Motai, György, Zanati, Tibor

TITLE: A process of manufacturing fused-in p-n-junctions in semiconductor devices

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 9, 1962, 44, abstract 9G306 P (Hungarian Patent no. 148283 of June 30, 1961)

TEXT: A method is suggested to eliminate arising mechanical stresses and defects during recrystallization and to assure the reproducibility of "γ-α"-transition. In the method the material to be fused-in is heated more slowly than the semiconductor, reaching the eutectic temperature, which is simultaneously the maximum temperature attained by the semiconductor during the cooling period. Cooling of the material to be fused is also performed at a lesser rate than cooling of the semiconductor, since the fusion is conducted by drawing the semiconductor at variable speed through the heating zone with constant temperature or at a constant speed through a zone with temperatures changing with time. For this purpose a program-controlled furnace can be used. N. Sirotina
[Abstracter's note: Complete translation]

Card 1/1

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAL, Gyorgy

Aspects of developing silicon layer rectifiers. Hir techn 15 no. 4:122-125 Ap '64.

1. Converter Factory of United Incandescent Lamps.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

1. MOTALEV, S.V.

2. USSR (600)

4. Agriculture

7. Technical processing of grapes in Uzbekistan. Tashkent, AN UzSSSR, 1952

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

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTALIN, A. G.; YAKOVLEV, V. P., Engs.

Steam Boilers - Efficiencies

Rationalization of small capacity boiler units. Za ekon. top. 9 no. 7, 1952

Monthly List of Russian Accessions, Library of Congress, November 1952, UNCLASSIFIED.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAL'SKIY, I.

Our technical study room. Prof.-tekhn.obr. 19 no.11:27 N '62. (MIRA 16:2)

1. Nachal'nik otdela podgotovki kadrov Klimovskogo mashinostroitel'nogo zavoda, Moskovskaya obl.
(Vocational education--Audio-visual aids)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

LIPSHITS, Naum Veniaminovich; MOTALYGA, Aleksandr Yegorovich; MUKHANOV, P.Ya., retsenzent; VERBITSKAYA, Ye.M., red.; VINOGRADOVA, G.A., tekhn. red.

[Automatic looms for the woolen and worsted industry] Avtomaticheskie tkatskie stanki dlia sherstianoi promyshlennosti. Moskva, Gizlegprom, 1963. 230 p. (MIRA 17:3)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAS, A.

From the experience of my fight against the mechanical teaching of methematics. p. 195

GAZETA MATEMATICA SI FIZICA. SERIA A.

Vol. 8, no. 4, Apr. 1956

Rumania

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

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAS, C., prof.

Hydracarinologic notes. III. Affinities of the North American species Horreolanus orfanus Mitchell 1955 with the Rumanian Bogatia maxillaris Motas et Tanaschi 1948. Rev biol 6 no.3:335-339 '61.

1. Adresse de l'auteur: Prof. C. Motas, Institut de Speologie "Emil G. Racovita," 8, str. Dr. Capsa, Bucarest - 15, R.P.R.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAS, C.; BOTEA, Fr.

Phreatic fauna in the valley of the Doftana River. Comunicarile AR 11 no.7:833-838 '61.

1. Comunicare prezentata de Th. Busnita, membru corespondent al Academiei R.P.R.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAS [illegible], prof. on de stiinte [illegible] (Bucuresti)

New results of the research on the Cl. Delamare [illegible] and [illegible]. Rapoport mission in South America. Natura Biologie 16 [illegible] S-O '64.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAS, C., prof., om de stiinta emerit (Bucuresti)

Aurel Craifaleanu, 1884-1938, first professor of biological chemistry at the Faculty of Sciences in Bucharest. Natura Biologie 17 no.1:85-86 Ja-F '65.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAS, C.; SERBAN, E.

Phreatobiological research: the Motru Valley; preliminary note. Studii cerc biol anim 13 no.2:227-236 '61.

1. Institutul de speologie "Emil Racovita" Bucuresti. Comunicare prezentata de Th. Busnita, membru corespondent al Academie R.P.R.

(WATER, UNDERGROUND) (BIOLOGY)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAS, C.; TANASACHI, J.

Two rare Hydrachnellae (Acari), so far unknown in Rumania.
Rev biol 7 no.3:409-422 '62.

1. Institut für Speologie der Akademie der RVR.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAS, C. (Bucuresti)

Speleology and speleophiles. Natura Biologie 14 no.3:88-89 My-Je '62.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAS, C.; BOTEA, Fr.

Ground water in the valley of the Prahova River. Studii cerc biol anim 14 no.4:529-537 '62.

1. Comunicare prezentata de Th. Busnita, membru corespondent al Academiei R.P.R.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAS, C. (Bucuresti)

Speleology in Bulgaria. Natura Biologie 15 no.1:84-85 Ja-F '63.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAS, C.

"Peopling the Mediterranean islands and the problem of insularity," Reviewed by C. Motas. Rev biol 8 no.2:234-235 '63.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAS, C.

"On the Hydrachnellae of Sweden" by O. Lundblad. Reviewed by C. Motas. Rev biol 8 no.2:235-236 '63.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAS, C.

On a recent report concerning the so-called hypoheic fauna.
Rev biol 8 no.3:367-370 '63.

1. Institute of Speleology "Emil G. Racovita" of the Academy of the R.P.R., Bucharest.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAS, C.

"Ecology of marine Algae" edited by C.N.R.S. Rev biol 8 no. 1: 109-110 '63.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAS, C.

"The sixth Lombardic Speleologic Congress." Reviewed by C. Motas. Rev biol 8 no.3:374-375 '63.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTASH, K. [Motas, C.]; PUSHKARIU, V. [Puscariu, V.]; BLYAKHU, M. [Bleahu, M.]

Karst provinces in Rumania. Peshchery no.4:65-68 '64. (MIRA 18:5)

1. Institut speleologii imeni Emilya G. Rakovitsy, v Bukhareste i Kluzhe, Rumynskaya Narodnaya Respublika.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAS, C., prof. univ. dr.

The "compass" of living beings. St si Teh Rev 17 no.3:24-26 Mr '65.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

Genetics

RUMANIA

MOTAS, C., Emeritus Scientist, Bucharest [Affiliation not given].

"The Laws of Heredity. Mendel and his Predecessors in Modern Genetics"

Bucharest, Natura, Seria Biologie, Vol. 18, No. 3, May-June, 66, pp. 24-32.

Abstract: A short biography of Mendel is given, describing his investigations in the garden of the Monastery of Brunn. He sent reprints of his studies to many scientists, including Charles Darwin, but nobody appreciated the importance of his discovery. He is considered the founder of the science of genetics having established the three basic laws of heredity. His predecessors include the British horticulturist L. Seton and a botanist Andrew Knight and John Goss; his most important predecessor was the French botanist Charles Naudin. Problems of human heredity are reviewed including transmission of talent for music, mathematics, painting, etc.

1/1

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

[illegible], [illegible] prof. dr.

A sensational zoological [illegible]. [illegible]
no. 7:34 Jl '64.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

PATRULIUS, D. (Rumyniya); ~~MOTAS, I.~~ [Motas, I.] (Rumyniya);
BLYAKHU, M. [Bleahu, M.] (~~Rumyniya~~)

Geology of the Rumanian Maramures. Mat.Karp.-Balk.assots. no.1: 74-89 '60. (MIRA 14:12)

(Maramures--Geology)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAS, I. C.; PATROESCU, C.

A Meotian andesitic tuffite of Oltenia. Comunicarile AR 11 no.9: 1105-1109 S '61.

1. Institutul de geologie, geofizica si geografie al Academiei R.P.R.; Catedra de mineralogie si petrografie, Facultatea de geologie-geografie, Universitatea "C. I. Parhon," Bucuresti. Comunicare prezentata de M. G. Filipescu, membru corespondent al Academiei R.P.R.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAS, K.

The treasures of caves. Nauka i zhyttia 10 no.5:52-54 My '60. (MIRA 13:7)

1. Direktor Bukharestskogo instituta speleologii im Rakovitsa. (Rumania--Caves)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

COSTEA, I.; MOTAS, L.

Contributions to the knowledge of the dogger microfauna in the western Mesozoic Platform. Petrol si gaze 15 no.1:11-15 Ja '64

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

BOGDAN, El.; MOTAS, M.: GIURGIU, D.

A rapid semimicrogravimetric method of determining the cobalt in complex compounds, through its disaggregation with H_2O_2 in alkali medium. Studii chemie Iasi 10 no.2:195-198 '59. (EEAI 10:1)

1. Academia Republicii Populare Romine, Filiala Iasi; Institutul de Chimie "Petru Poni."
(Cobalt) (Complex compounds) (Hydrogen peroxide)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

BOGDAN, Elena; MOTAS, M.; GUIRGUI, D.

Simple and complex salts of the bivalent silver. Note I. Studii chim Iasi 11 no.1:15-25 '60. (EEAI 10:3)
(Salts) (Silver) (Complex compounds)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

CERNATESCU, R., acad.; PONI, Margareta; PAPAFIL, M.; BOSTAN, M.; MOTAS, M.; ZAHARIA, I. [deceased]

Complex salts of aurintricarbonic (4'.4" - dioxyfuxonetricarbonic) acid. Rev chimie 6 no.1:57-65 '61.

1. Academie de la Republique Populaire Roumaine, Filiale de Jassy, Institut de Chimie "Petru Poni," Universite "Al. I. Cuza" de Jassy, Chaire de chimie inorganique.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

BUDEANU, Elena; MOTAS, Marioara; POPESCU, Ortansa

Some compounds of isonicotinic hydrazide and isonicotinoylhydrazones with phosphoric acid. Anal St Jassy I 10 no.1:53-58 '64.

1. Submitted October 26-27, 1963.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAS, Traian, ing.; FURTUNA, Ioan; ARDELEANU, Pavel

Successes in socialist competition. Constr Buc 15 no.728:1 21 D '63.

1. Seful santierului 503, Bacau (for Motas). 2. Secretarul organizatiei de baza, Partidul Muncitoresc Romin (for Furtuna). 3. Presedintele comitetului sindicatului (for Ardeleanu).

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

L 22504-65 EWT(d)/EWT(1)/EWT(m)/EWP(w)/EPF(c)/EPF(n)-2/EWA(d)/EWP(v)/EWP(k)/EWA(h) Pf-4/Pr-4/Peb/Pu-4 IJP(c) WW/EM

ACCESSION NR: AR4046883 S/0124/64/000/009/V004/V004

SOURCE: Ref. zh. Mekhanika, Abs. 9V22

AUTHOR: Voronin, M. I.; Motavkin, A. V.

B

TITLE: Some problems on transient temperature fields of cylindrical bodies

CITED SOURCE: Sb. tr. Mosk. vy*ssh. tekhn. uch-shcha im N. E. Baumana, v. 3, 1963, 22-34

TOPIC TAGS: infinite cylindrical shell, shell temperature field, transient heat conductivity

TRANSLATION: A solution is obtained to an equation for transient heat conductivity in an infinite cylindrical shell when only a radial temperature field prevails. It is further stipulated that a convective heat exchange with the environment in which temperature varies exponentially occurs on the internal and external surfaces of the cylinder. Uniform distribution of temperature is assumed for

Card 1/2

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

L 22504-65

ACCESSION NR: AR4046883

the initial moment. Operational calculus procedures were used to obtain the solution. A numerical example is given. I. N. Danilova

SUB CODE: TD, AS ENCL: 00

Card 2/2

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

L 07185-67 EWT(m)/EWP(j) IJP(c) WW/RM

ACC NR: AR6014359 (A,N) SOURCE CODE: UR/0277/65/000/011/0028/0028

AUTHORS: Voronin, M. I.; Motavkin, A. V.

TITLE: Effect of the scaling factor on the strength of fiber glass AG-4V

SOURCE: Ref. zh. Mashinostroitel'nyye materialy, konstruktsii i raschet detaley mashin. Gidroprivod, Abs. 11.48.242

REF SOURCE: Sb. tr. Mosk. vyssh. tekhn. uch-shcha im. N. E. Baumana, v. 4, 1964, 3-16

TOPIC TAGS: fiber glass, material testing, tensile strength/AG-4V fiber glass

ABSTRACT: The relationship between the amount of stressed volume and the ultimate stress of fiber glass (C) AG-4V was established during tests under conditions of axial tension, compression, torsion, and bi-axial tension. It was established that the scaling factor has a significant effect on the strength of C. To describe quantitatively the effect of the scaling factor on the strength of (C)AG-4V during axial tension and compression it is possible to use the Weybull function for the distribution of defects. For torsion the above function can only be applied over limited ranges. During hydraulic testing of AG-4V cylinders, good agreement was noted between the calculated and experimental values of the ultimate stress under plane stress conditions. The equations and experimental coefficients presented in the work are recommended as a first approximation in engineering calculations of the strength

UDC: 678.5:539.4

Card 1/2

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

L 07185-67

ACC NR: AR6014359

of (C)AG-4V parts under various loading conditions: tension, compression, torsion, and bi-axial tension as a function of the size of the parts. [Translation of abstract]

SUB CODE: 11

Card 2/2

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

L 08473-67 EWP(j)/EWT(m) IJP(c) RM/WW

ACC NR: AR6016477 SOURCE CODE: UR/0124/65/000/012/V099/V099

AUTHOR: Voronin, M. I.; Motavkin, A. V.

TITLE: Effect of the scale factor on the strength of AG-4V fiberglass-reinforced plastic

SOURCE: Ref. zh. Mekhanika, Abs. 12V845

REF SOURCE: Sb. tr. Mosk. vyssh. tekhn. uch-shcha im. N. E. Baumana, v. 4, 1964, 3-16

TOPIC TAGS: reinforced plastic, fiberglass, tensile strength, ultimate strength, compressive strength

ABSTRACT: The authors studied the relationship between the volume of the specimen being tested and maximum stress in tests under uniaxial tension, compression, twisting and biaxial tension in AG-4V fiberglass-reinforced plastic. It is found that the scale factor has a considerable effect on the strength of this material under tension, compression, twisting and biaxial tension. The Weibull function for defect distribution may be used for a quantitative description of the effect which the scale factor has on the strength of AG-4V plastic under uniaxial tension and compression. This function may be used for the case of twisting within certain limits. Hydraulic testing of cylinders made from AG-4V plastic shows satisfactory agreement between the the-

Card 1/2

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

L 08473-67

ACC NR: AR6016477

oretical and experimental values of maximum strength in the plane stressed state. The given equations and experimental coefficients may be recommended in the first approximation for engineering practice in calculating the strength of components made from AG-4V fiberglass-reinforced plastic as a function of the dimensions of components under various forms of loading: tension, compression, twisting and biaxial tension. N. D. S. [Translation of abstract]

SUB CODE: 11

Card 2/2

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAVKIN, P. A.

MOTAVKIN, P. A. -- "Histological Changes in the Nervous Elements of the Lumbar and Sacral Spinal Ganglia in Trauma of the Sciatic Nerve." Ivanovo State Medical Inst. Yaroslavl', 195[illegible]. (Dissertation for the Degree of Candidate in Medical Sciences).

So.: Knizhnaya Letopis', No. 6, 1956.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAVKIN, P.A.

USSR / General Biology. General Histology B-3

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 259

Author : Motavkin, ~~P.A.~~, Smirnova, S.N.

Inst : ~~Not Given~~

Title : Cytochemistry of Reduced Glutathione in Elements of the Nervous System

Orig Pub : Dokl. AN SSSR, 1956, 111, No 2, 452-455

Abstract : The cytochemistry of reduced glutathione (I) was studied in the sciatic nerve, spinal ganglia, various sections of the spinal cord and cerebrum, and also in the valf muscles and the mesentery of the small intestine in 8 rabbits. The SH-groups were determined by the Shevremon and Frederick method. Substantial differences were observed between the sensory and motor neurons: the protoplasm of the sensory neurons gave a diffuse blue coloration, while in the motor neurons of the anterior horns of the spinal cord I was detected in the form of coarse clumps, similar to tigroid granules. The glial elements of the central

Card : 1/2

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

USSR / General Biology. General Histology

Abs Jour : Ref Zhur - Biol., No 1, 1957, No 259

B-3

nervous system free of SH-groups are found in the form of small granules located in the nucleus. In the path of the capillary muscle tissues and the mesentery there are not detected granular cells, which indicates no substantial peculiarities in the metabolism of thiol compounds in the nerve tissue.

Card : 2/2

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

AUTHOR: Motavkin, P. A.

TITLE: On Retrograde Variations in the Ganglionic Cells of Spinal Ganglia (O retrogradnykh izmeneniyakh ganglioznykh kletok spinnomozgovykh uzlov)

PERIODICAL: Doklady Akademii Nauk SSSR, 1957, Vol. 114, Nr 4, pp. [illegible]-424 (USSR)

ABSTRACT: Investigations conducted by Nissl have demonstrated that a trauma of a peripheral nerve is accompanied by the state of a primary stimulus in corresponding neurons. On the other hand, several authors have pointed out long ago that at the retrograde reaction not all visible changes take place in accordance with the type which is called "primary stimulus" by Nissl. In this context, particular attention was given to the cells which frequently exist in the interior of the sensoric ganglia and in the protoplasm of which the chromatophile substance is accumulated in compact lumps around the centrally situated nucleus. Kiselev was the first to voice the opinion that the perinuclear concentration of tigroid

Card 1/4

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

20-2-53/60

On Retrograde Variations in the Ganglionic Cells of Spinal Ganglia

should be considered as a particular way of reacting by the nerve cells. It is not possible to force the manifoldness of the changes into the framework of the types as defined by different authors, because at the retrograde reaction in the sensoric nodes an important manifoldness of the histological picture is prevailing. According to Sutulov, there exist stages of the neuronic reaction. The beginning of this reaction is the perinuclear hyperchromatode. The primary stimulus, on the other hand, is a later stage and it demonstrates a deep damage to the cell. Muravyev is of the opinion that this latter phenomenon is a phase of regeneration. In this connection it appears to be necessary to investigate this retrograde reaction once again in the context of its entire dynamics. This was done by the author of the present paper, and he used, for this purpose, not only adult but also young animals. As experimental material he used lumbar and sacral intervertebral ganglia of rabbits after crushing of the nervus ischiadicus at its outlet from the small pelvis. An analysis of the results shows that, depending on the character of the change of the chromatophile substance, two phases of the reaction can be distinguished. The first phase is

Card 2/4

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

20-2-53/60

On Retrograde Variations in the Ganglionic Cells of Spinal Ganglia

connected with the consumption of the tigroid used by the cell. The deposition of tigroid in the perinuclear zone must be considered to be the beginning of the second phase. Ultimately, it leads to its complete regeneration. For some heavily damaged cells we have to distinguish, after the first phase, not a regeneration but rather a phase of irreversible dystrophical change, which sooner or later is concluded by necrobiosis. Furthermore, it can be seen from Table Nr 1 of the paper under review that neurons of young animals and the neurons of adult animals go through the two phases of reaction at different moments, namely sooner and faster for the young animals. On the other hand, many more perishing cells will be found in the ganglia of young animals. There are 1 figure, 1 table, and 16 references, 8 of which Soviet.

ASSOCIATION: Yaroslavl' Medical Institute
(Yaroslavskiy meditsinskiy institut)

Card 3/4

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAVKIN, P.A. (Yaroslavl')

Relation of sciatic nerve injuries to changes in the lumbar and sacral spinal ganglia [with summary in English]. Arkh.pat. 21 no.1:34-44 '59. (MIRA 12:1)

1. Iz kafedry gistologii (zav. - prof. I.I. Gutner) Yaroslavskogo meditsinskogo instituta.

(GANGLIA, SPINAL, physiol.
eff. of inj. of sciatic nerve on lumbar & sacral ganglia (Rus))
(NERVES, SCIATIC, physiol.
eff. of exper. inj. on lumbar & sacral ganglia (Rus))

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

17(1)

AUTHORS: Motavkin, P. A., Smirnova, S. N. SOV/20-124-6-39/55

TITLE: On Certain Histophysiological Peculiarities of the Vegetative Neurons of the Brain Stem (O nekotorykh gistofiziologicheskikh osobennostyakh vegetativnykh neyronov mozgovogo stvola)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 124, Nr 6, pp 1324-1327 (USSR)

ABSTRACT: Several data have been available which deal with important histophysiological peculiarities of the nerve cells in the vegetative nuclei situated in the cerebrum stem. The vegetative neurons possess a selective sensibility towards the colloids (trypan blue in vivo, Ref 1, 2). At the same time the nerve cells of the somatic nuclei of the brain stem remained free from the injected coloring matter. The protoplasm of the grey prominence (Tuber cinereum) of the supraoptic nucleus, of the base of the 3rd ventriculus, of the black substance (Substantia nigra) and the lightblue spot (Locus coeruleus), of the Yakubovich nucleus, and of the dorsal nucleus of the nervus vagus contained noticeable quantities of granulae of trypan blue. By modern methods devised for determination of

Card 1/4

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

polysaccharides (Refs 3, 4) it was found that the nuclei enumerated are able to synthesize glycogen and store up visible quantities of it in their protoplasm (Ref 4). The melanin content increasing in the vegetative neurons with proceeding age is to be considered characteristic feature (known to be happening with man (Ref 5) and recently found with dogs (Ref 6)). The neurosecretory activity of the above-mentioned cells is indicated by granulae, drops and vacuoles in the cell-body. The authors investigated: medulla oblongata, mesencephalon, diencephalon, further the motor region of the cerebral cortex and several cerebral sections of the cerebellar hemispheres. For this reason 8 rabbits, 10 cats and 6 dogs were used for experiments. After several failures the authors modified the preparation, fixation and coloring method. The nuclei of the brain stem were investigated on frontal incision series from the lower outline of the medulla oblongata to the level of the anterior edge of the chiasma opticum. The following results were obtained: the bodies of a predominant majority of the dorsal nucleus of the n. vagus extending to the lightblue spot (Locus coeruleus) are filled with darkblue, sometimes rather large granulae. In a smaller part of the

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

neurons small pale-lightblue granulae are to be found mainly near the cell nucleus or not at all. According to further descriptions of the photographs investigated the authors determined that vegetative neurons differ from nerve cells of the somatic nuclei of the stem with respect to quantity and shape of the reducing substances discovered in their protoplasm. They differ in the same way from similar cells of the cerebral and cerebellar cortex. Further vegetative nuclei contain granulae in the astrocytes and oligodendrocytes in contrast to the somatic nuclei. This was not only the case in the hypothalamic region, but also in the dorsal nucleus of the n. vagus in the locus coeruleus, in the Yakubovich nucleus as well as in the black substance. According to the authors' opinion, said property together with the neurosecretory capability, with the synthetic capability of glycogen, the melanin storage, the fuchsinophil granulae and colloid accumulations represents the essential histophysiological

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

On Certain Histophysiological Peculiarities of the Vegetative Neurons of the Brain Stem SOV/20-124-6-39/55

properties of the above elements. In conclusion the chemical nature of the substances found in neurons is discussed. There are 1 figure and 19 references, 9 of which are Soviet.

ASSOCIATION: Vladivostokskiy meditsinskiy institut (Vladivostok Medical Institute)

PRESENTED: October 22, 1958, by N. N. Anichkov, Academician

SUBMITTED: May 30, 1958

Card 4/4

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAVKIN, P.A.

Innervation of intramedullary blood vessels in the spinal cord. Dokl.AN SSSR 133 no.5:1201-1204 Ag '60. (MIRA 13:8)

1. Vladivostokskiy meditsinskiy institut. Predstavleno akad. N.N.Anichkovym.
(SPINAL CORD--BLOOD VESSELS)
(BLOOD VESSELS --INNERVATION)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAVKIN, P.A.; MUKHO, T.B.

Spiral sensory innervation of intraspinal blood vessels. Dokl. AN SSSR 135 no.6:1509-1511 D '60. (MIRA 13:12)

1. Vladivostokskiy meditsinskiy institut. Predstavleno akademikom N.N. Anichkovym.

(SPINAL CORD--BLOOD VESSELS)
(BLOOD VESSELS--INNERVATION)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAVKIN, P.A. (Vladivostok)

So-called neurosymplasts or syncytical cyncytical cellular formations in sensory intervertebral cranial ganglia. Arkh. pat. no.10:42-46 '61. (MIRA 14:10)

1. Iz kafedry gistologii Vladivostokskogo meditsinskogo instituta.
(NERVES, SPINAL)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAVKIN, P.A.

Pseudounipolar neurons of the spinal cord in anterior and posterior roots. Biul. eksp. biol. i med. 3[i.e.53] no.3:105-109 Mr '62. (MIRA 15:4)

1. Iz kafedry gistologii Vladivostokskogo meditsinskogo instituta. Predstavlena deystvitel'nym chlenom AMN SSSR V.V.Parinym.
(SPINAL CORD) (NERVES, SPINAL)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAVKIN, P. A.

Vagal innervation of blood vessels of the spinal cord. Dokl. AN SSSR 142 no.5:1168-1171 F '62. (MIRA 15:2)

1. Vladivostokskiy meditsinskiy institut. Predstavleno akademikom N.N.Anichkovym.

(SPINAL CORD—BLOOD VESSELS)
(VAGUS NERVE)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAVKIN, P.A.; TIKHVINSKAYA, B.T.; GEHMANOVA, Ye.N.

Morphology of the nervous apparatus of the intraorganic arteries of the medulla oblongata. Dokl. AN SSSR 158 no.5:1227-1230 O '64.

(MIRA 17:10)

1. Vladivostokskiy meditsinskiy institut. Predstavleno akademikom V.N. Chernigovskim.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

[illegible]IN, P.A. (Vladivostok, [illegible]

Innervation of [illegible] of the spinal [illegible], [illegible], gist. i embr. [illegible].

[illegible]

1. Kafedra gist[illegible] - [illegible] .A. [illegible] Meditsinskogo [illegible]

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAVKINA, N.S.

Methodology for obtaining genetic recombinants of Escherichia coli and Flexner's dysentery bacilli. Biul. eksp. biol. i med. 60 no.11:121-123 N '65. (MIRA 19:1)

1. Kafedra mikrobiologii Vladivostokskogo meditsinskogo instituta. Submitted April 13, 1964.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAVKINA, N. S., Cand Med Sci (diss) -- "The etiological structure of bacterial dysentery in the city of Yaroslavl', and the bacteriological characteristics of local dysentery strains". Moscow, 1957. 19 pp (First Moscow Order of Lenin Med Inst im I. M. Sechenov), 200 copies (KL, No 13, 1960, 122)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAVKINA, N.S.

Use of preparative electrophoresis with subsequent precipitation in an agar layer for determination of antigen relationships between bacteria of the intestinal group. Zhur. mikrobiol., epid. i immun. 40 no. 8:104-108 Ag '63. (MIRA 17:9)

1. Iz Vladivostokskogo meditsinskogo instituta.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

TSIMBALIST, D.F.; MOTAVKINA, N.S.; KUROCHKIN, I.D.; KAMENNAYA, Z.Kh.

Etiological structure of dysentery in Yaroslavl.D.F.TSimbalist and others. Zhur.mikrobiol.epid. i immun.,supplement for 1956:18-19 '57 (MIRA 11:3)

1. Iz Yaroslavskogo meditsinskogo instituta, Oblastnoy i Gorodskiy sanitarno-epidemiologicheskikh stantsiy.
(YAROSLAVL-DYSENTERY)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTAVKINA, N.S.

Complex analysis of defecation in gastrointestinal disorders of obscure etiology. Lab. delo no.8:501-504 '65. (MIRA 18:9)

1. Kafedra mikrobiologii Vladivostokskogo meditsinskogo instituta.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

KAIM, Franciszek, mgr inz.; MOTAWA, Tadeusz, mgr inz.; GOSZYK, Oskar, mgr inz.; SZNUK, Witold, mgr inz.

On the occasion of the 10th anniversary of Koksoprojekt (1953-1963). Problemy proj hut maszyn 11 no. 6: 163-167 Je '63.

1. Wiceminister Przemyslu Ciezkiego, Warszawa (for Kaim).
2. Dyrektor Departamentu Inwestycji, Ministerstwo Przemyslu Ciezkiego, Warszawa (for Motawa)
3. Dyrektor Techniczny Zjednoczenia, Hutnictwa Zelaza i Stali, Katowice (for Goszyk)
4. Dyrektor do spraw Inwestycji, Zjednoczenie Hutnictwa i Stali, Katowice (for Sznuk).

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

BRASLAVSKIY, Ye.M.; GOLUBCHIK, L.Kh.; MOTAYLOV, T.G.

Some defects in excavators made at the Kovrov plant. Mekh. stroi. 18 no.5:21-22 My '61. (MIRA 14:7)

1. Trest Ukrekskavatsiya.
(Kovrov--Excavating machinery)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTE, G. E.

USSR.

621.316.1.003

2300. On the question of the choice of the configuration of a network. YU. YA. MAZUR AND G. E. MOTÉ. *Latv. PRS Zinat. Akad. Vēstis*, 1954, No. 2, 111-24. In Russian.

The economics of the distribution of electric power in rural districts is discussed in a theoretical fashion. In particular the choice of the optimum angle between the main and feeder lines in a radial network is studied. The cross-section of these lines is determined either by permissible voltage drop or by the economic current density and these alternatives are each carefully considered. Formulas are derived from which it is intended design curves could be plotted. Using these the influence of local conditions on a line of chosen angle can be estimated. K. C. DUNN

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8

MOTE, G.E.

106. CALCULATION OF THE MINIMUM FUSING CURRENT OF FUSES. G.E. Mote 621.318.523

Voprosy energetiki, Vol. 5, 101-8 (1958). In Russian.

Gives an approximate formula for the minimum fusing current of the wire fuse element in air. The formula is based on the assumption of a parabolic distribution of temperature along the fuse element and takes into account all three forms of heat dissipation, conduction, convection, and radiation. The possibility of using the formula for calculating the nominal fuse current for open and semi-enclosed fuses is also indicated. E.M.Dembinski

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135410017-8"