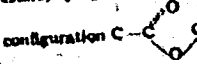
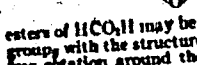
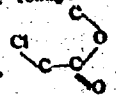
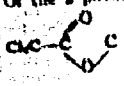
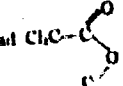



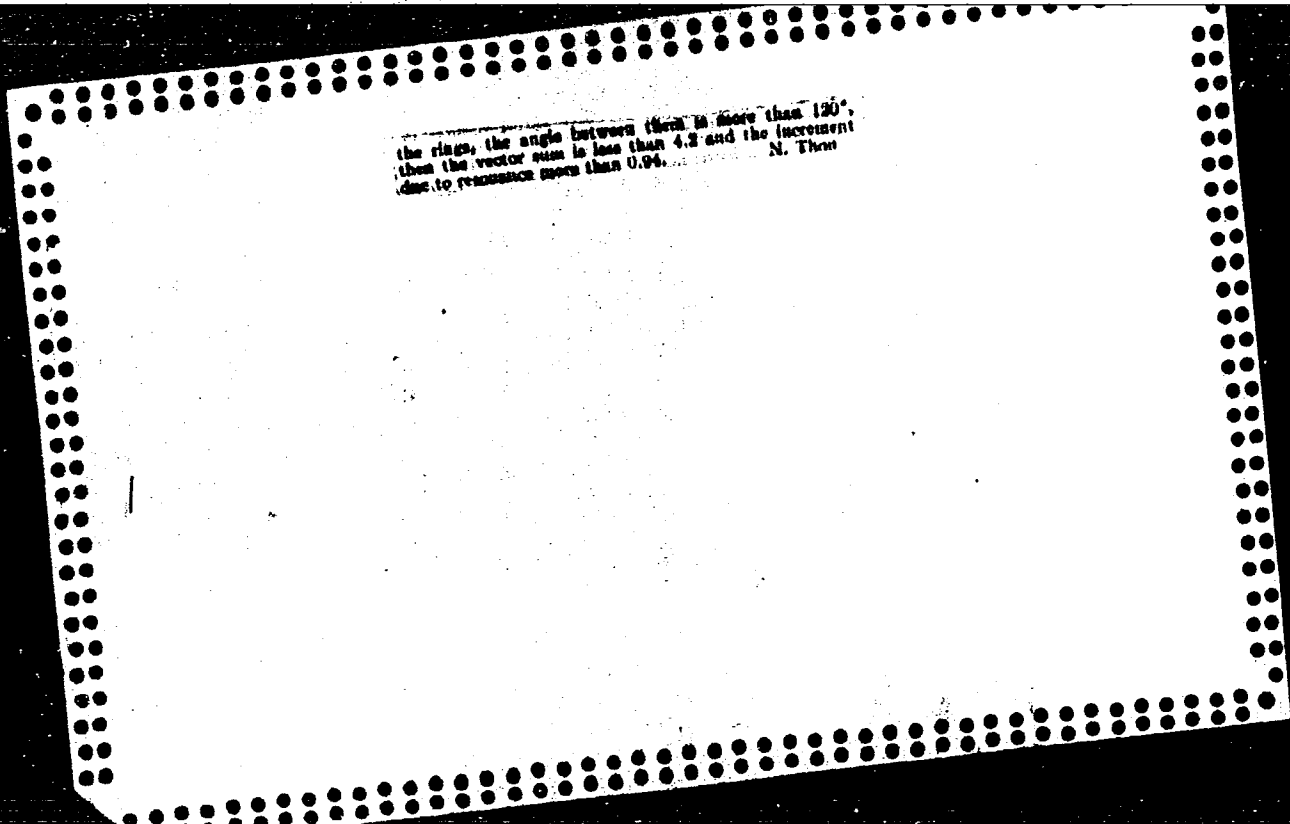


Dipole moments of halogen substituted esters of carboxylic acids. M. A. Luterova and Ya. K. Syrkin. Dokl. Akad. Nauk S.S.S.R. 99, 70-82(1948). (1) From data of the dielec. const. in CH<sub>2</sub>Cl<sub>2</sub> at 25°, the following values were obtained for the total polarization at infinite diln., the electronic polarization (from the refractive index) and the dipole moment (in debyes): CH<sub>3</sub>CO<sub>2</sub>Et 178.4, 87.3, 2.82; CO<sub>2</sub>CO<sub>2</sub>Et 169.8, 86.0, 2.82; CH<sub>3</sub>CO<sub>2</sub>Me 141.4, 85.6, 2.91; CH<sub>3</sub>BrCO<sub>2</sub>Et 168.7, 80.1, 2.60; MeCH<sub>2</sub>BrCO<sub>2</sub>Me 159.3, 81.1, 2.18; MeCH<sub>2</sub>CO<sub>2</sub>Et 183.3, 81.8, 2.44; MeCH<sub>2</sub>BrCO<sub>2</sub>Et 182.3, 80.3, 2.57; MeCBrCO<sub>2</sub>Me 146.5, 84.7, 2.23; PrClBrCO<sub>2</sub>Et 174.8, 83.9, 2.51; CHCl(CO<sub>2</sub>Et), 259.8, 82.7, 2.23; CCl<sub>2</sub>(CO<sub>2</sub>Et), 268.8, 87.8, 2.27; CBr<sub>2</sub>CH<sub>2</sub>OH 98.9, 26.2, 1.73; Michler's ketone (p-Me<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>)<sub>2</sub>CO 644.0, 94.8, 5.14. (2) The exptl. values of the dipole moment  $\mu$  of unsubstituted esters, lying between 1.7 and 1.85, agree best with the configuration . The somewhat higher,  $\mu = 1.9$ , esters of HCO<sub>2</sub>H may be due to inductive effect of the C=O group with the structure , on the CH group. As free rotation around the C-O bond would lead to  $\mu = 2.25$ , the rotation is obviously strongly hindered. (3) Of the 4 possible configurations for  $\alpha$ -monohalogen-substituted esters, , with  $\mu = 2.2$ , comes

closest to the exptl. values. In this configuration, the neg. ends of the C-Cl and C=O groups are farthest away from each other. Free rotation is strongly hindered. (4) Of the 2 possible configurations for CCl<sub>2</sub>CO<sub>2</sub>Et, namely  and , the former would give  $\mu = 1.25$ , the latter  $\mu = 2.7$ , much closer to the exptl. value. In this configuration, the H atom of the CH<sub>2</sub> group lies closer to the Cl than in the former structure.

(5) For CBr<sub>2</sub>CH<sub>2</sub>OH, the configurations  and  would give, resp.,  $\mu = 0.56$  and 2.48. The exptl.  $\mu$ , lying between those limits, indicates absence of an interaction between the H atoms of the OH group and Br, that would stabilize the latter structure. (6) For Michler's ketone, the exptl.  $\mu = 5.14$  is higher than the 4.2 calcd. by the vector sum. The increased  $\mu$  is due to superposition of resonance structures of the type .

if, as a result of mutual repulsion of



the rings, the angle between them is more than 120°.  
then the vector size is less than 4.2 and the increment  
due to resonance more than 0.94. N. Then



"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001030720006-2

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001030720006-2"

LUFEROVA, Ye. I.

Luferova, Ye. I. "The assimilation of ethylene diolente (synthetic fat) in the organism of mammals", Doklady (Mosk. s.-kh. akad. in. Timiryazeva), Issue 8, 1948, (In index: 1949), p. 178-79:

SO: U-411, 17 July 53, (Letopis' Zhurnal 'nykh Statey, No. 20, 1949).

KVAPIL, R., dr., inz.; LJEFFER, K., inz.

Distribution of pressure in irregular experimental ores used for  
crushing tests. Rudy 9 no.11:382-384 N '61.

(Ores)

LUFISKY, K.

Insulation against underground water in the connecting tunnel of the Berlin subway. p. 270.

Winners of the State Prizes and persons decorated with the Order of Labor among the prominent experts in the field of building engineering. p. 276.

STAVBY. Praha. Vol. 2, no. 7, July 1954.

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

IUFT, A.

Improving work methods. Den.1 kred. 18 no.4:65-66 Ap '60.  
(MIRA 13:4)

1. Upravlyayushchiy Dnovskim otdeleniyem Gosbanka Pskovskoy  
oblasti.

(Dno District--Banks and banking)



L u FT, A

YOLAND / Microbiology, Human and Animal Pathogens.  
Corynebacteria.

Abstr Jour: Ref Zhur-Biol., No 2, 1959, 5822.

Author : Chomiszewski, J.; Frankowska, A.; Kularski,  
I.; Kmicik, J.; Luft, A.; Romak, R.; Stotkic-  
las, S.; Zurkowski, J.

Inst : Not given.  
Title : Characteristics of Corynebacterium Diptheriae  
Strains Isolated During the 1955-6 Epidemic in  
the City of Lodz.

Orig Publ: Przegl. epidemiol., 1957, 11, No 4, 371-383.

Abstract: The properties of 276 diptheriae strains iso-  
lated from 250 patients in the city of Lodz,  
which the author considers an endemic center  
of diptheria, were studied. Of all strains,  
53.4% were of the gravis type; 28.2% were of

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56

Abstract: the "incomplete" gravis type, differing from the  
classical (avoid Toledo) type in certain respects;  
1.9% belonged to the mitis type; and 1.2% to the  
intercedens type; in 17.3% of strains, the type  
was not established. The Zurkowski study of  
1934 showed considerable predominance of the  
mitis type. Of 169 strains isolated from pati-  
ents in 1958, Swinarska found 83.5% gravis type;  
10.5% "incomplete" gravis type; 10.7% mitis type.  
Comparing the evolution and distribution of dip-  
theria pathogens observed in Lodz with the prop-  
erties of the strains isolated during the 1955-6  
epidemic, the author concludes that the  
character that the maximum prevalence of the  
gravis type in the Lodz area has passed; the

Card 2/3

Abstract: Predominance of the "incomplete" or "atypical"  
Toledo gravis (avoid) type is beginning, as  
a transitional stage toward the mitis type.  
Evolution of strains can, to a certain degree,  
depend on immunization of the population, lead-  
ing to survival of more toxic strains, which  
most probably belong to the Gravis type. --  
K. A. Gruzman.

Card 3/3

59

L. 31845-66 T JK

ACC NR: AP6021322 (A) SOURCE CODE: PO/0081/65/019/003/0309/0313 48

AUTHOR: Jeliaszewicz, J.; Hawiger, J.; Czacka, J.; Cygankiewicz-Siennicka, M.; Gorska, A.; Gulinski, J.; Hebenstreit, C.; Klimek, H.; Klapowska, K.; Krol, J.; Lenartowicz, C.; Luft, A.; Moskwa, Z.; Nocon, I.; Pawlowska, I.; Padrycz, W.; Pernal, C.; Pogorzelska, A.; Rodzinski, L.; Siennicki, W.; Sikora, G.; Szymanczyk, I.; Terech, I.; Wawrzynska, M.; Mencil, Z.; Znis, A.

ORG: Institute of Bacteriology, PZH, Warsaw (Zaklad Bakteriologii); Regional and City Sanitary Epidemiological Centers, Bydgoszcz, Katowice, Kielce, Krakow, Lodz, Opole, Rzeszow, Warsaw, Wroclaw (Wojewodzka i Miejska Stacj Sanitarno-Epidemiologiczna); Bacteriologic Laboratory, No. 3, PSK, Wroclaw (Laboratorium Bakteriologiczny)

TITLE: Antibiotic-resistant strains of Streptococcus viridans, Streptococcus fecalis, Escherichia coli, Pseudomonas aeruginosa, Proteus species and Klebsiella species, isolated in Poland in 1960-1963

SOURCE: Przeglad epidemiologiczny, v. 19, no. 3, 1965, 309-313

TOPIC TAGS: bacteriology, penicillin, streptomycin, tetracycline, erythromycin, neomycin

ABSTRACT: Sensitivity tests of the above strains were carried out in respect to penicillin, streptomycin, tetracyclines, chloramphenicol, erythromycin and neomycin. It was found that resistance to antibiotics in Streptococci differed from that in Gram-negative bacilli. Streptococcus fecalis was found highly resistant to penicillin and erythromycin. Appreciable resistance to all antibiotics was noted in strains identified as Streptococcus viridans. Resistance varied according to samples and territorial distribution. Experiments were conducted in 11 centers throughout the country simultaneously; results were compared with those obtained in an identical experimental series in a single hospital environment. Orig. art. has: 2 tables. (JPRS)

SUB CODE: 06/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 001

Card 1/1 JS

STEMPIEN, Ryszard; NIEDZIELSKA, Halina; KULARSKA, Irena; KACPRZAK, Zdzislaw, Dz.;  
LEWICKA, Jolanta; LUFT, Anna

Digestive tract disorders in the course of chloromycetin treatment. Polski  
tygod. lek. 13 no.36:1398-1403 8 Sept 58.

1. Z Kliniki Chorob Zakaznych A. M. w Lodzi; kierownik: doc. dr med. J.  
Chrzanowski i ze Stacji Sanatarno-Epidemiologicznej m. Lodzi; dyrektor:  
dr med. J. Zanski. Adres: Lodz, ul. Wisckowskiego Nr 7 m. 22.

(CHLORAMPHENICOL, inj. eff.

gastrointestinal disord. (Pol))

(GASTROINTESTINAL DISEASES, etiol. & pathogen.  
chloramphenicol (Pol))

USSR/Chemistry - Selenium  
Chemistry - Coatings

Apr 1948

"The Metallization of Liquid Selenium," S.S. Urazovskiy, B.D. Luft, Chem. Eng. Inst. Imeni S.M. Kirov, Khar'kov, 7 1/2 pp

"Zhur Fiz Khim" Vol XXII, No 4

Study kinetics of the metallization of vitriform selenium in various nitrogen-containing organic bases. Establish relation of the capacity for metallization to the thermal condition of the original liquid stage of selenium in temperature

67710

USSR/Chemistry - Selenium  
(Contd)

Apr 1948

range from the melting point to 500° C. Express theories on the cause of observed anomalies based on the possibility for the formation of selenide. Submitted 1947.

67710

LUFT, B.D.

LUFT, B. D.

S. S. Urazovskii, L. S. Palatnik, and B. D. Luft, On the mechanism of crystallization of glassy selenium in the nitrogen containing compounds. P. 1034.

By methods of rontgenographic, microscopic and other forms of analysis, the process of spreading of crystallization into glass selenium sticks in contact with various amines at room temperatures is investigated. In diethylamine samples a process of recrystallization has been observed.

State University  
Chemico Technological Institute, Kharkov  
November 26, 1947

SO: Journal of Physical Chemistry (USSR) 22, No. 9, 1948

L. I. B. D.

USSR/Optics - Optical Methods of Analysis. Instruments.

K-7

Abstr. Jour : Referat Zhur - Fizika, No 3, 1957, 7981

Author : Vidro, G.I., Luft, B.D.

Title : Application of Gas-Discharge Instruments as Sources of Light for Spectral Analysis of Inert Gases.

Orig Pub : Zavod. laboratoriya, 1956, 22, No 4, 442-443

Abstract : A method is proposed for determining neon and helium in gas-discharge apparatus by using as a source of light the apparatus itself. In this work the source of light was a TG-1P tube (filament voltage 6.3, plate current 35 ma, pressure of gas in the tube 2 mm), in which there occurs during the time of operation an arc discharge, which is accompanied by the glow of the gases located in the tube. The glow of the tube is projected through an opening in the anode (1 mm in diameter) on to the slit of the ISP-51 spectrograph with a camera having  $f = 270$ . The spectra were photographed on a "Pankhrom" /film.

Card 1/2

- 110 -

USSR/Optics - Optical Methods of Analysis. Instruments.

K-7

Abs Jour : Referat Zhur - Fizika, No 3, 1957, 7981

The standards used were TG-1P tube filled with helium with a known content of neon.

The analytic pairs of lines were Ne 6402.2 A -- He 6678.2 A at a content of 0.01 -- 0.1 and Ne 5852 A -- He 5875.6 A with a content of 0.1 -- 1%.

Card 2/2

- 111 -

B. D. LUFT

SOV/1700

PHASE I BOOK EXPLOITATION

24(7)

Sher, Universitet

Materialy I Vsesoyuznogo soveshaniya po spektroskopii, 1956. In: *Atomnaya spektroskopiya* (Materials of the 10th All-Union Conference on Spectroscopy, 1956. Vol 2: Atomic Spectroscopy) / *Trudy Izd-vo L'vovskogo univ.*, 1958. 568 p. (Series: *Izv. Vuzhskiykh sbornik, VPD-4(9)*) 3,000 copies printed.

Additional Sponsoring Agency: *Akademiya nauk SSSR. Komissiya po spektroskopii.*

Editorial Board: G.S. Landsberg, Academician. (Resp. Ed.); B.S. Reporent, Doctor of Physical and Mathematical Sciences; I.L. Fabrikant, Doctor of Physical and Mathematical Sciences; V.A. Fabrikant, Doctor of Physical and Mathematical Sciences; V.G. Koritskiy, Candidate of Technical Sciences; S.M. Rayvskiy, Candidate of Physical and Technical Sciences; L.K. Klimovskiy, Candidate of Physical and Mathematical Sciences; V.S. Milyonchuk (Ukraine), Doctor of Physical and Mathematical Sciences; A.Ie. (Ukraine), Doctor of Physical and Mathematical Sciences; M.I. S.L. Gaser; *Teoh. Ed.: T.V. Saranyuk.*

Purpose: This book is intended for scientists and researchers in the field of spectroscopy, as well as for technical personnel using spectrum analysis in various industries.

COVERAGE: This volume contains 177 scientific and technical studies of atomic spectroscopy presented at the 10th All-Union Conference on Spectroscopy in 1956. The studies were carried out by members of scientific and technical institutes and include extensive bibliographies of Soviet and other sources. The studies cover many phases of spectroscopy: spectra of rare earths, electromagnetic radiation, photochemical methods for controlling uranium production, physical and technological methods for controlling optical and spark emission spectroscopy, spectrum analysis of ores and alloys, photographic methods for quantitative spectrum analysis of metals and alloys, spectral determination of the hydrogen content of metals by means of isotopes, tables, and statistical study of variation in the parameters of analysis in curves, determination of traces of metals, spectrum analysis in metallurgy, thermochemistry in metallurgy, and principles and practice of spectrochemical analysis.

Card 2/31

Materials of the 10th All-Union Conference (Cont.)	SOV/1700
Zaydel', A.M.; A.A. Petrov, and K.I. Petrov. Spectral Determination of Hydrogen in Metals by the Isotope Balance Method	205
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Sventitskiy, M.S., and K.I. Zagnov. Studies on the Spectral Determination of Hydrogen in Metals	209
Vidro, G.I.; B.D. Luft, and Yu. V. Motorin. Use of Gas-discharge Devices as Light Sources in the Spectrum Analysis of Inert Gases	212
Bochkova, O.P., and L.P. Kuznetsovskaya. Spectrum Analysis of Multicomponent Gas Mixtures	214
Borovskiy, I.B., and S.A. Kozlov. Unit for the Analysis of Nitrogen in Metals and the Analysis of Gas in Small Samples	217
Pillayev, L.M., and M.M. Kazan. Spectral Analytic Determination of Carbon and Hydrogen in Titanium	222

Card 14/31

Luft B.D.

USSR/ Analytical Chemistry - Analysis of Inorganic Substances

G-2

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12129

Author : Luft B.D., Sher Ye.S.

Title : Determination of Micro-Amounts of Mineral Oils in Organic Solvents and on Metal Parts

Orig Pub : Zavod. laboratoriya, 1956, 22, No 7, 784-787

Abstract : Semi-quantitative, accelerated method for determining small amounts of mineral oils in organic solvents (by means of drop colorimetry) is based on formation of oil film on porous paper impregnated with dimethyl glyoximate of Ni. Sensitivity of determination 0.22 g/liter. A procedure has been worked out for quantitative determination of micro-amounts of mineral oils in trichlorethylene, chloroform, dichlorethylene, with the SF-4 spectrophotometer. Sensitivity of determination 0.01 g/liter of solvent, accuracy 2-3%, duration 5-7 minutes



LUFT, B.D.

PRIKHOT'KO, A.F.

24(7) p.3 PHASE I BOOK EXPLOITATION 80V/1365

L'vov. Universytet

Materialy X Vsesoyuznogo soveshchaniya po spektroskopii. t. 1: Molekulyarnaya spektroskopiya (Papers of the 10th All-Union Conference on Spectroscopy. Vol. 1: Molecular Spectroscopy) [L'vov] Izd-vo L'vovskogo univ-ta, 1957. 499 p. 4,000 copies printed. (Series: Its: Fizichnyy zbirnyk, vyp. 3/8/)

Additional Sponsoring Agency: Akademiya nauk SSSR. Komissiya po spektroskopii. Ed.: Uzer, S.L.; Tech. Ed.: Saranyuk, T.V.; Editorial Board: Lavstberg, G.S., Academician (Resp. Ed., Deceased), Neporent, B.S., Doctor of Physical and Mathematical Sciences, Fabelin'skiy, I.L., Doctor of Physical and Mathematical Sciences, Fabrikant, V.A., Doctor of Physical and Mathematical Sciences, Kornitskiy, V.G., Candidate of Technical Sciences, Rayskiy, S.M., Candidate of Physical and Mathematical Sciences, Klimovskiy, L.K., Candidate of Physical and Mathematical Sciences, Milyanohuk, V.S., Candidate of Physical and Mathematical Sciences, and Glauberman, A. Ye., Candidate of Physical and Mathematical Sciences.

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Luft, B.D., and Ye. S. Sher. Spectrophotometric Method for the Determination of Microquantities of Mineral Oil in Organic Solvents and on Metal Parts	337
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Bergiyenko, S.P., M.P. Teterina, and L.M. Rozenberg. Infrared Spectroscopic Study of High Molecular Petroleum Paraffins	344
Kard, F.G. Analytical Theory of Multilayer Dielectric Coatings	350
Rozlyakova, V.A., and A.I. Finkel'shteyn. Absorption Spectra of Light Filters Made of Organic Glass for the Visible Spectrum	352
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41413

S/069/62/024/005/004/010  
B106/B186

15740

AUTHORS: Zhigach, K. F., Luft, B. D., Finkel'shteyn, M. Z.,  
Goloshchapova, I. S., Timokhin, I. M., Chuvilina, L. B.

TITLE: Investigation of aqueous alundum suspensions stabilized by  
carboxy-methyl cellulose for electrophoretic coating

PERIODICAL: Kolloidnyy zhurnal, v. 24, no. 5, 1962, 558 - 564

TEXT: The effect of several physicochemical characteristics of sodium carboxy-methyl cellulose (Na-CMC) on its efficiency as a stabilizer for aqueous suspensions of alundum for electrophoretic coating was studied. The sedimentation stability of the suspension is raised with increasing degrees of polymerization, etherification, and Na-CMC concentration in the suspension. Greater thickness of coatings is obtained with an increasing degree of polymerization of Na-CMC, while increasing etherification resulted in thinner coatings. The homogeneity of coatings improves with a lower degree of polymerization, and a higher degree of etherification and Na-CMC concentration. The anodic gas evolution, which is very detrimental to the quality of coatings, increases with etherification and Na-CMC concentration.

Card 1/3

Investigation of aqueous alundum...

S/069/62/024/005/004/010  
B106/B186

in the suspension, and is reduced by an increasing degree of polymerization. The resistance of coatings to 0.05 N NaOH increases with concentration, degree of polymerization, and etherification of Na-CMC. Electron-microscopic measurements showed that the stabilizing effect of Na-CMC is based on the adsorption of high-molecular ions (CMC)<sup>-x</sup> to the alundum particles, and on the formation of structured protecting gels which prevent the joining of the individual particles. The best coatings are obtained by stabilizing the alundum suspensions with purified Na-CMC having a degree of polymerization of 500-550 and a degree of etherification of 70-80 in a concentration of 0.3-0.5% of the aqueous phase. The results were used in developing a new industrial technique of producing electrophoretic insulating coatings from aqueous alundum suspensions on parts of electron tubes. Thus, the use of toxic and inflammable organic solvents and of nitrocellulose can be abandoned. There are 8 figures and 1 table. The English-language reference is: L. E. Grey, Electronic. Eng. 26, 402, 1954. ✓

ASSOCIATION: Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti im. I. M. Gubkina (Moscow Institute of Petrochemical and Gas Industry imeni I. M. Gubkin)

Card 2/3

Investigation of aqueous alundum...

S/069/62/024/005/004/010  
B106/B186

SUBMITTED: April 22, 1961

Card 3/3

VIDRO, G.I.; LUFT, B.L.; MATORIN, Yu.V.

Using gas discharge apparatus as light sources for the spectrum  
analysis of inert gases. Fiz.sbor. no.4:212-214 '58.

(MIRA 12:5)

(Electric discharges through gases) (Gases, Rare--Spectra)

LUCA, P., dr.; BALABAN, Gh. conf.; GEORGESCU, L., conf.; MEILA, I. dr.;  
BOLOVEDEA, M. dr.; BRABOYESCU, Elisabeta, dr.; LUFT. E. C. im.

Association of Recklinghausen's neurofibromatosis with pheochromocytoma; adrenalectomy. Med. intern. (Bucur.) 10 no. 5: 625-628 My '64

1. Lucrare efectuata in Sectia de cardiologie si Sectia de chirurgie, S.M.S., Resita.

POL.

Calorie values of some edible mushrooms. Irena Luft  
and Irena Nowacka (Dziennik Badania Żywności i Przemysłu  
Cyfryki Filii P.Z.M., Łódź). Roczniki Państwowego  
Zakładu Hig. 3, 379-84, 1952) — The cal per 100 g. of dry  
mushrooms were found to be: *Boletus edulis* 233.0, *Mor-  
chella conica* 263.3, *Helvella esculenta* 292.8, *Boletus bovis*  
285.3, *Cantarellus cibarius* 237.3, *Pleurotus campestris*  
244.7.  
L. J. Piotrowski.

LUFT, IRENA

**P O L**

Change in specific gravity, dry mass, and refractivity of buttermilk as a function of the amount of added water. Jan Czajka, Irena Luft, and Irena Nowacka (Sanitary-Epidemiol. Ser., Lublin, Poland). *Roczniki Państwowego Zakładu Hig.* 3, 3 1-8 (1954) (English summary).--Data have been made of the change in sp. gr., dry-weight content, and refractivity of buttermilk as a function of the amt. of water added (0-90%). The addnl. water does not originate in the industrial processing; therefore it must be regarded as due to adulteration. It has been shown that the changes in the above-mentioned characteristics vary directly with the diln. The mean values obtained during the summer are somewhat lower than those obtained during winter, and the difference between extreme values decreases with diln. The mean values for the summer and the winter seasons were, resp.: sp. gr. 1.017, 1.020; dry mass 5.838%, 5.902%; refraction 30.5°, 31.6°. Alina S. Szczesniak

(2)



LUFT, Krystyna

The helminths of jay, *Carrulus glandarius* L. and magpie *Pica pica* L.  
from Lublin Palatinate. Acta parasit Pol 8 no.21/32:351-356 '60.

1. Department of Parasitology and Parasitic Diseases, Agricultural  
College of Lublin. Head: Eugeniusz Zarnowski, doc., dr.

~~LUFT, Stanislaw~~

A proposed method for the study of the frequency of rheumatic diseases. Reumatologia Polska no.3:153-169 '60.

1. Z Instytutu Reumatologicznego w Warszawie Dyrektor: prof. dr med.  
E. Reicher  
(RHEUMATISM statist)

LAZOWSKI, Zygmunt; LUFT, Stanislaw; KONOPSKA, Wieslawa

Experimental administration of the blood from rheumatoid patients to mice. Reumatologia (Warsz.) 1 no.1:29-32 '63.

1. Z Instytutu Reumatologicznego w Warszawie (Dyrektor: prof. dr med. E. Reicher).

LUFT, Stanislaw; PAKULA, Zofia

Arthropathia psoriatica in siblings. Reumatologia (Warsz.)  
1 no.1:55-60 '63.

1. Z Instytutu Reumatologicznego w Warszawie (Dyrektor: dr  
med. Wł. Bruhl).

POLAND

LUFT, Stanislaw and GAWLIK, Zbigniew; Institute of Rheumatology (Instytut Reumatologii) in Warsaw, Director: Prof Dr Med E. REICHER and the Department of Pathological Anatomy (Zaklad Anatomii Patologicznej) of the AM (Akademia Medyczna -- Medical School) in Warsaw, Director: Docent Dr Med R. STANCZYK.

'Rheumatoid Arthritis with Signs of Some Collagenoses. Aschoff's Nodules in the Skeletal Muscles. Case Report'

Warsaw, Polski Tygodnik Lekarski, Vol XVIII, No 5, 28 Jan 1963, pp 178-182.

Abstract: [Authors' English summary modified] A case of rheumatoid arthritis is reported. Signs characteristic of some collagenoses coexisted: hyperplasia of the lung interstitial tissue, multiple Aschoff's nodules in the skeletal muscles and high antistreptolysines titre in the serum.

5 illustrations; 7 references, 4 Polish, 3 Western.

1/1

BRUHL, Wlodzimierz; LUFT, Stanislaw; WROBLEWSKA-ZUK, Mirosława

Incomplete clinical syndromes. Psoriatic arthropathy and  
Reiter's disease. Reumatologia (Warsz.) 2 no.4:315-319 '64.

1. Z II Oddziału Reumatologicznego Instytutu Reumatologicznego  
w Warszawie( Ordynator Oddziału i Dyrektor Instytutu: dr. med.  
W. Bruhl).

LUFT-KORNEK, S.

Lygodium gaudini Neer in the Tertiary of northern Bohemia

p. 284 (Vestník) Vol 32, no. 4, 1957. Praha, Czechoslovakia.

SO: Monthly Index of East European Accessions (EEAI) IC, Vol. 7, no.1, Jan 1958

BRUHL, W.; KONOPSKA, W.; LUFT, S.; WROBLEWSKA-GRAFF, T.

Serotonin tests in rheumatic diseases. Reum. pol. 4:133-137 '61.

1. Z Instytutu Reumatologii w Warszawie Dyrektor: dr med. W. Bruhl.  
(RHEUMATISM) (SEROTONIN)



LUFT, Stanislaw; GAWLIK, Zbigniew

A case of progressive chronic rheumatism with features of several collagenoses and the presence of Aschoff nodes in skeletal muscles. Pol. tyg. lek. 18 no.5:178-182 26 Ja '63.

1. Z Instytutu Reumatologii w Warszawie; dyrektor: prof. dr med. E. Reicher i z Zakładu Anatomii Patologicznej AM w Warszawie; p.o. kierownika: doc. dr med. R. Stanczyk.  
(ARTHRITIS, RHEUMATOID) (PATHOLOGY)  
(MUSCLES) (DIAGNOSIS, DIFFERENTIAL)

CZECH/34-59-1-4/28

AUTHORS: Burda, Stanislav and Lüftner, Antonín

TITLE: Influence of Hydrogen on the Occurrence of Defects in Large Aluminium Alloy Forgings (Vliv vodíku na výskyt vad u velkých výkovků ze slitin hliníku)

PERIODICAL: Hutnické Listy, 1959, Nr 1, pp 17-22 (Czechoslovakia)

ABSTRACT: Paper presented at the Annual Meeting of the Czechoslovak Scientific and Technological Society for Metallurgy and Foundry Practice, Pilsen, May 15, 1958.

The authors consider as a large forging one weighing more than 100 kg. To verify the quality of forgings, one forging from each melt is subjected to mechanical tests, to fractographic tests and to investigations of the micro and macro-structures. Faults detected in hardened and work-hardened forgings are predominantly of a round shape of sizes up to several square centimetres; the surface of such defects shows a metallic brightness and they are similar to flakes in steel. Views on the origin of these defects vary. However, by systematic study of the production and quality tests during the individual operations the authors established (Ref 3) that the observed defects are internal cracks which have

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CZECH/34-59-1-4/28

Influence of Hydrogen on the Occurrence of Defects in Large Aluminium Alloy Forgings

not been detected during tests of the material from the ingot prior to forging or in pressed specimens. This means that the cracks must have occurred during further processing. Tests revealed that the formation of cracks can be influenced by the process of recrystallization caused by continuous deformation during upsetting.

The results of further tests can be summarised thus:

1. The primary cause of formation of internal cracks is the quality of the starting material; crack formation during forging is of secondary importance.
2. With increasing content of hydrogen, the danger of defects increases; up to a hydrogen content of  $0.23 \text{ cm}^3/100 \text{ g}$  the effect of hydrogen can be successfully overcome by gradual upsetting.
3. The fracture surfaces of tested forgings do not allow a conclusion on whether a decreasing hydrogen content reduces the frequency of occurrence of a layered fracture.
4. The hydrogen content in itself is not the cause of occurrence of cracks, not even if the ingot is pressed in the hot state by means of an extrusion press. Even

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Influence of Hydrogen on the Occurrence of Defects in Large Aluminium Alloy Forgings

after heat treatment such material never proved unfavourable from the point of view of the number of defects.

5. The influence of hydrogen content on the mechanical values after various methods of forging does not manifest itself either in the longitudinal or in the transverse directions. Of considerable influence on the mechanical values is the method of upsetting. Upsetting by means of continuous pressure results in higher mechanical values than for step-by-step upsetting. The mechanical properties obtained for a longitudinal and a transverse cut, depending on the method of upsetting, is graphed in Fig 11.

6. Metallographic investigation did not reveal any accompanying phenomena which would elucidate the occurrence of cracks.

7. It was found that in smaller or very small forgings from the same material similar faults either do not occur at all or occur only in very isolated cases.

Card 3/6 Conclusions: On the basis of the accompanying phenomena,

CZECH/34-59-1-4/28

Influence of Hydrogen on the Occurrence of Defects in Large Aluminium Alloy Forgings

the authors conclude that hydrogen only facilitates the formation of cracks but does not in itself participate in the crack formations if no additional stresses are generated. This is confirmed by the fact that for hydrogen contents of 0.14 to 0.31 cm<sup>3</sup>/100 g no cracks were detected at all in heat treated test cylinders taken from the ingot or from polished rods. Experimental and shop experience has proved that thermal stresses during hardening are not responsible for the occurrence of such faults. Therefore, the authors believe that crack formation during upsetting is caused by the combined effect of hydrogen and stresses generated during shaping deformation. Due to interruption in the deformation process and pauses between individual deformation cycles, the additional tensile stresses in the case of step-wise (non-continuous) upsetting are low, since during the intervals between individual operations the material has time for stress relaxation and for equalization of the stresses throughout the deformed

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Influence of Hydrogen on the Occurrence of Defects in Large  
Aluminium Alloy Forgings

cross section. Important factors are the stress distribution and the chemical composition in the cross section of the upset ingot, segregation, gas content etc. The results of the metallographic analysis show that cracks occur in the eutectic always along grain or block boundaries and at the spots where the material has a low degree of coherence and, in some cases, along the network of the silicon eutectic. It appears that the hydrogen is concentrated around particles of the eutectic but its location does not necessarily bring about crack formation. However, in direct ratio to its content the hydrogen increases the tendency of the material to become brittle. From the metallographic point of view the same type of phenomena are observed as for floculi in etched polished steel sections. No phenomena can be observed around the cracks which would explain why the cracks occur at random in one place or another. However, it appears that the effect of a further additional tensile stress is essential for a crack to form. Data

Card 5/6 are given on the relation between the degree of

✓

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Influence of Hydrogen on the Occurrence of Defects in Large  
Aluminium Alloy Forgings

hydrogen saturation by the used forging method and  
the frequency of occurrence of faults.

There are 11 figures, 1 table and 9 references,  
5 of which are Czech, 4 English.

ASSOCIATION: Závody V. I. Lenina, Plzeň (V. I. Lenin Works, Pilsen)

SUBMITTED: April 26, 1958 ✓

Card 6/6

Z/031/63/011/004/002/002  
E073/E335

AUTHORS: Benda, Petr, Engineer, Lüftner, Antonín and  
Kajer, Stanislav

TITLE: Influence of preforming on the quality of forgings  
of blades for aircraft propellers

PERIODICAL: Strojírenská výroba, no. 4, 1963, 200 - 203

TEXT: Experience gained in the manufacture of propeller blades by the V.I. Lenin Works, Pilsen, is described. The composition of the alloy must conform with the specification CSN 42 4201, i.e. have the following composition (%): Cu 3.8 - 4.8, Mn 0.4 - 0.8, Mg 0.4 - 0.8, rest Al, the maximum permissible content of admixtures being Fe 0.7, Ni 0.1, Fe + Ni 0.7, Si 0.7, Zn 0.3, others 0.1; total 1.8%. After hardening, the minimum mechanical properties in the longitudinal direction must be  $\sigma_{Pt} = 38 \text{ kg/mm}^2$ ,  $\sigma_{Kt} = 24 \text{ kg/mm}^2$ ,  $\delta_5 = 13\%$ . As starting material extruded circular or square cross-section rods of various dimensions were used. On the basis of the experiments, a more simple preforming technology is recommended for smaller propeller

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Z/031/63/011/004/002/002  
E073/E335

Influence of ....

blades. In accordance with this technology, an extruded bar 130 x 57 mm, 1100 mm long, was cut by a saw into two halves, with dimensions as shown in Fig. 8. The bar was then subjected to upsetting along approximately three-fifths of its length to reduce the height to 57 mm, as shown in Fig. 12, and forged in a die without reheating. The preforged blade was placed into the die with the original surface, produced by sawing, in a sideways position; this improved the texture in the transverse direction and the depth of local coarsened structure was reduced to a minimum. There are 13 figures.

ASSOCIATION: Závody V.I. Lenina, n.p. Plzeň  
(V.I. Lenin Works, n.p. Plzeň)

Card 2/3

Influence of ....

Z/031/63/011/004/002/002  
E073/E335.

Fig.8: Preforged part produced by bandsawing

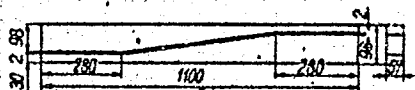
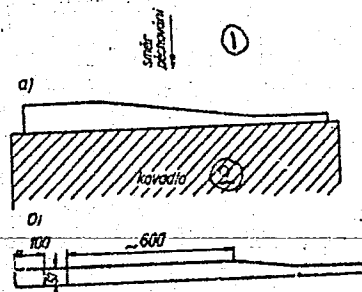


Fig.12: a) upsetting of semi prior to die-forging;  
b) upsetting of semi ready for die-forging

Legend: 1 - direction of upsetting  
2 - anvil



Card 3/3

TURNIBUCA, E., ing.; LUFTSCHUTZ, O.

Problem of beech log conversion by frame saws or band saws. Ind  
lemnului 16 no.1:3-7 Ja '65.

1. Ministry of Forestry Economy.

LUGA, A. A.

Dlinie Svai no Stroitelstvah Mostov (Long Piles in Bridge Construction), Moscow, 1944.

*Luga, M.H.*

**LUGA, A.A., inzhener**

Long piles in major restoration of bridges. Tekh.zhel.dor.6 no.10:  
27-29 0'47. (MLRA 8:12)

(Bridges--Repairing)

LUGA, A.A., inzhener

Rare case in pile driving. Tekh.zhel.dor. 7 no.8:28-29 Ag:48.  
(Piling (Civil engineering)) (MLRA 8:11)

LUGA, A.A., kand.tekhn.nauk

Work of soil cores in open-lower-end pipe piles. Trudy TSNIS no.4:  
89-104 '52. (MIRA 12:1)

(Piling (Civil engineering))

LUGA, A. A.

USSR/Geology - Clay Fundaments,  
Caspian

21 Jun 53

"Shrinkage of Ancient Ground Strata in the Caspian Lowlands," A. A. Luga, All-Union Sci-Res Inst of Railroad Construction and Planning, Min of Transportation USSR

DAN SSSR, Vol 90, No 6, pp 1135-1137

Discusses compression properties of clays in the Caspian lowland. Thanks S. S. Demeshev, I. S. L'vov, P. G. Chizhikov and A. P. Gretsov for their interest in the work and discussion of the results of the

269T60

investigation and also A. S. Solntseva, A. F. Grishin, M. V. Yermolova and G. I. Buranova for assisting in the investigations. Presented by Acad D. S. Belyankin (deceased) 2 Apr 53.



LUGA, A.A.

Certain characteristics of Khazar clay found in the Caspian  
Sea region. Dokl.AN SSSR 94 no.5:945-948 P '54. (MLRA 7:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhelezno-  
dorozhnogo stroitel'stva i proyektirovaniya Ministerstva putey  
soobshcheniya SSSR. Predstavleno akademikom A.G.Betekhtinym.  
(Caspian Sea region--Clay) (Clay--Caspian Sea region)

LUGA, A.A.

Vertical load and supporting capacity of vertically driven groups  
of piles. Dokl.AN SSSR 95 no.3:463-464 Mr '54. (MLRA 7:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo  
stroitel'stva i proyektirovaniya Ministerstva putey soobshcheniya  
SSSR. Predstavleno akademikom A.I. Beltrusovym. (Pile driving)

LUGA, A.A.

USSR/Miscellaneous - Materials

Card : 1/1

Authors : Luga, A. A., and Solntseva, A. S.

Title : Study of wood pulp of 700-years old posts

Periodical : Dokl. AN SSSR, 96, Ed. 5, 937 - 940, June 1954

Abstract : Wooden posts (oak and pine) continuously covered by insipid water or driven into the ground below the water line are considered as elements with unlimited service life. Parts of the posts protruding above the water line are subject to destruction from the comparatively rapid process of decaying. Wood posts driven into dry ground generally display the same characteristics with one exception that the decaying process spreads down to the lowest level bordering with ground waters. Colored photos are shown of oak and pine samples taken from posts which remained in water for a period of 700 years. Table.

Institution : Ministry of Communications USSR, All-Union Scient-Research Institute of Railroad Construction and Planning.

Presented by : Academician, A. I. Nekrasov, Febr. 22, 1954

Luga, A. A.

USSR/ Geology - Petrography

Card 1/1 Pub. 22 - 34/40

Authors : Luga, A. A.

Title : Effect of glacial loads on the shrinking of certain ground strata in the Baltic region

Periodical : Dok. AN SSSR 99/2, 311-314, Nov 11, 1954

Abstract : The effect of glacial loads on the shrinkage of certain ground strata (rock beds) in the Baltic region was investigated by driving steel tubular piles 63 cm in diameter, and 32-34 m in length into the ground. The results obtained from these static tests are shown. Four USSR references (1947-1954). Graphs.

Institution : All-Union Scientific Research Institute of Railroad Engineering

Presented by: Academician P. A. Rebinder, June 24, 1954

LUGA, A.A., kandidat tekhnicheskikh nauk; PAVLOV, B.A., inzhener; POBKOV,  
P.A. inzhener; DOROFYEV, F.I., inzhener; MOROZOV, N.I., inzhener;  
USACHEV, A.A., inzhener

Coffer construction by means of deeper sinking. Transp.stroi 5  
no.5:23-24 J1'55. (MIRA 8:12)

(Cofferdams)

LUGA, A.A., kandidat tekhnicheskikh nauk.

Investigation of the problem of lateral friction in massive  
deep foundation piling. Trudy TSNIS no.13:146-187 '55.  
(Foundations) (Soil mechanics) (MLRA 9:6)



LUGA, A.A., kandidat tekhnicheskikh nauk.

Landslides on hillsides near Ul'ianovsk. Priroda 45 no.5:111-112  
My '56. (MLBA 9:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut transportnogo  
stroitel'stva.

(Ul'ianovsk--Landslides)



LUGOSI, Armand

The world's level in manufacturing woodworking machines. II.  
Faipar 10 no.7:198-207 J1 '60.

1. Faipari Kutato Intezet.

LUCOSI, Armand

The world's level in manufacturing *woodworking machines*. III.  
Faipar 10 no.8:229-235 Ag '60.

1. Faipari Kutato Intezet.

LUGOSI, Armand

The world's level of producing woodworking machines. IV. Faipar 10  
no.10:305-311 O. '60.

1. Faipari Kutato Intezet.

LUGOSI, Armand

The world's level of producing woodworking machines. V. Faipar 10  
no.11:335-341 N '60.

1. Faipari Kutato Intezet.

LUGOSI, Armand, okleveles gepeszmernok

Stress conditions and oscillations of the wood industry tools.

Faipar. 12 no.4:113-120 Ap'62

LUGOSI, Armand

Degree of mechanization and some questions relating to the continuous running of the wood industry machines. Faipar 12 no.6:172-175 Je '62.

1. Faipari Kutato Intezet.

LUGOSI, Armand, dr., egyetemi docens

Some questions of the application of the technology of splitting  
band saws. Faipar 12 no.9:272-277 S '62.

LUGOSI, Armand, dr., egyetemi docens

Teaching of "Woodworking machinery" at the University of Forestry  
and Wood Industry. Faipar 13 no.4:101-105 Ap '63.



CA LUGOSI, Gy

Apparatus for continuous distillation. Jenő Herzeg and György Lugosi (Chimiein Gyógyszervegyészeti Gyár, Budapest): *Magyar Kém. Lapja* 5, 381(1950).—A still for continuous distillation is designed and produced from a 250 cm. long iron tube of 160 mm. diam. into which a 30 m. long 0.5 inch spiral is introduced. The operating capacity of the still is 40 kg. distd. water or 200 kg. benzene per hr.; this still is considerably cheaper than an identical still made from cast iron. István Fényes.

LUGOSI, Gyorgy, okleveles bányamérnök

Investigating water intrudes through the roof in the Ajka coal basin. Bany. lap 96 no.4:262-267 Ap '63.

1. Közepdunantuli Szebányászati Troszt, Veszprem, főmérnök,

MUCOSI, Jeno; BERGNY, János

Extensive utilization of fixed assets in the food industry. *Élelmiszeripar* 18 no.11:346-353 N 1964.

1. Institute of Food Industry Economics and Organization, Budapest.
2. Editorial board member, *Élelmiszeripar* (for Hungary).

LUGOSI, Jenő; FODOR, László, dr.

Economical transportation of food industry raw materials. *Élelmiszeripar* 19 no.2:56-60 P '65.

1. Institute of Food Industry Economics and Organization, Budapest.
2. Editorial Board Member, "*Élelmiszeripar*", Budapest (for Lugosi).

LUGOSI, Jeno

Development of the Polish food industry in the last 20 years.  
Elelm ipar 18 no.11:356 N '64.

1. Editorial board member, "Elelmezesi Ipar."

LUGOSI, Karoly, okleveles gepeszmernok

Manufacturing stitched fiber felts. *Magy textil l' no.1:*  
42-45 Ja '65.

LUGOSSY, G.

(5510)

The Eye Department of the St. John's Hospital in Budapest. *Kiserletes vizsgalatok a szem reticuloendotheljenek mukodesercl* Experiments concerning the function of the reticulo-endothelial system of the eye Orvosi Hetilap 1948, 89/2 (17-22) Graphs 3 Tables 2 Illus. 2 The reticulo-endothelial cells of rabbits had been previously paralysed by administration of Heyden's 0.06 % electrocolloidal copper solution. Then corneae of the right eyes and irises of the left eyes of rabbits were inoculated with haemolytic streptococci. In 24 hours the ocular changes in rabbits so inoculated were found to be more severe than in the controls. Both these two groups were then given treatment for three days, consisting of oral administration of 0.5 g./kg. of albucid and intravenous administration of 0.30 g./kg. of albucid. Paracentesis of the cornea was performed daily during this period. While quick recovery could be observed in animals with intact reticulo-endothelial systems, changes due to infection in rabbits with paralysed reticulo-endothelial systems could hardly be influenced by the treatment, as though the tissues of the eye had lost their ability to fight infection. On histological examination no cells containing trypan blue could be detected either around the corneal ulcer or around the abscess of the vitreous. The sulphonamide damages cocci primarily, and the protective forces of the organism cooperating with the reticulo-endothelial system then kill and eliminate them secondarily.

Nagy - Budapest (Sec. XII)

So: Excerpta Medica, Vol. II, No. 10, Sect. II, Oct. 1949

IUGOSSY, G.

New soviet method for the reconstruction of the organism;  
(Filatov therapy). Orv. Hetil., Budap. 92 no.33:1049-1056  
19 Aug 1951. (CJML 20:11)

1. Prof. Doctor, Head of Filatov's Cooperative at Kunfi Zsig-  
mond-utcai State Hospital, Ophthalmological Department (Head  
Physician -- Dr. Gyula Iugossy).



LUGOSSY, Gyula, dr.

Eye injuries and damages in iron and metal works. *Nepegeszsegugy*  
36 no.3:68-71 Mar 55.

1. Közlemeny az Orszagos Rheuma es Furdougyi Intezet (igazgato:  
Dubovitz Denes dr.) szemészeti osztalyorol (foorvos: Lugossy  
Gyula dr.)

(EYE, wounds and injuries  
occup. in iron & metal works)  
(OCCUPATIONAL DISEASES  
eye inj. in iron & metal works)  
(WOUNDS AND INJURIES  
eye, in iron & metal works)

*LUGOSSY G.*  
EXCERPTA MEDICA Sec.12 Vol.11/4 Ophthalmology Apr57

656. LUGOSSY G. State Inst. of Rheum., Budapest. \*Precancerous con-

656 CONT

ditions of the bulbar conjunctiva AMER.J.OPHTHAL. 1956,  
42/1 (112-115) Illus. 1

The author reviews the literature and comments on the various titles used for  
this condition, usually called 'epithelial plaque'. They are identical with leuco-  
plakias, recurrences are frequent and are best prevented by early excision.

Two case reports are presented.

Ellis - Los Angeles, Calif.

LUGOSSY, Gyula

Bilateral cataract extractions. Szemészet 93 no.1:30-32 March 56.

1. Az Országos Reuma és Furdougyi Intezet (igazgato: Duvovits  
Denes) ezemosztalyanak (foorvos: Lugossy Gyula) kozl.

(CATARACT EXTRACTION

bilateral, report on 50 cases. (Hun))

LUGOSSY, Gyula, dr.

Glaucoma and its surgery. Orv. hetil. 97 no.38:1054-1056  
16 Sept 56.

1. Az Országos Reuma és Fúrdógyi Intézet (igazgató:  
Dubovits, Dénes, dr.) Szemosztályának (főorvos: Lugossy, Gyula, dr.)  
közleménye.

(GLAUCOMA

differ. diag. & surg. (Hun))

LUGOSSY, Gyula

Effect of antigens on the fluorescein permeability of blood-aqueous humor barrier. Orv. hetil. 98 no.50-51:1380-1382 15-22 Dec 57.

1. Az Országos Reuma és Furdougyl Intezet (igazgato: Farkas Karoly dr., az orvostudomanyok doktora) Szemosztalyanak (foorvos: Lugossy Gyula dr.) kozlemenye.

(AQUEOUS HUMOR

blood-aqueous humor barrier, eff. of antigens on fluorescein permeability (Hun))

(BLOOD

SAME)

(ANTIGENS

effect. on fluorescein permeability of blood-aqueous humor barrier (Hun))

(FLUORESCHEIN

permeability of blood-aqueous humor barrier, eff. of antigens (Hun))

EXCERPTA MEDICA Sec 12/Vol 13/5 Ophthalmology May 59

697. THE EFFECT OF ANTIGENS ON THE FLUORESCEN PERMEABILITY OF THE BLOOD-AQUEOUS BARRIER - Die Wirkung der Antigene auf die Fluoreszeinpermeabilität der Blut-Kammerwasser Schranke - Lugossy G. Augenabt., Landesforsch. Inst. für Rheuma und Bäderwesen, Budapest - KLIN. MBL. AUGENHEILK. 1958, 132/6 (848-855) Graphs 4 Tables 1 Illus. 4

The effect of antigens on the fluorescein permeability of the blood-aqueous barrier was determined with the aid of a new apparatus, the principle of which is that in a cuvette a fluorescein solution of known concentration is compared with the fluorescein content of the aqueous fluid. For details, the original article should be consulted. Using this fluorometer the concentration variations are determined at stated intervals after an i. v. injection of a 10% solution of sodium-fluorescein. The values found are marked on a system of coordinates. In various disorders (episcleritis, sclerokeratitis, kerato-iritis iridocyclitis, uveitis, chorioiditis and chorioretinitis) tests were made with several kinds of antigens, obtained from dental granulomata, tonsils, prostates and tuberculin; on the basis of the increased permeability of the blood-aqueous barrier, concentration-curves were drawn related to the aetiology of the disturbance in question.

Müller - Frankfurt

EXCERPTA MEDICA Sec 12 Vol 13/7 Ophthalmology July 59

1130. MODIFIED IRIDENCELEISIS - Módosított iridencleisis - Lugossy G. Országos Reuma és Főrdőgyi Intézet Szemosztályának - SZEMESZET 1958, 95;3 (112-127) Graphs 1 Tables 1 Illus. 6

After a good historical review the author gives an account of his own modified iridencleisis which was done in 30 patients with lasting normalization of ocular tension. The modifications consist of the addition of iridencleisis to iridectomy. Technique: After dissection of a large conjunctival flap, a wound of 8 to 10 mm. length is prepared on the sclera at 1.5 to 2 mm. above the cornea. Gayet's incision is used if the chamber is narrow. As in biphasic iridectomy, the iris is extracted, distended, then its one half is cut through to the basis and laid, with its pigmentous epithelial surface facing the sclera while its end is fixed at the other end of the scleral wound. The conjunctival wound is carefully united with interrupted or continuous sutures. In 90% of the operated cases the vision has been unchanged for several years, in 70% without the administration of miotic drugs. Modified iridencleisis was successful and there were no complications; it can be performed in all kinds of glaucoma.

Orbán - Budapest



LUGOSSY, Gyula

Role of the nervous system in fluorescein permeability.  
Szemeszet 96 no.3:108-120 S '59.

1. Az Országos Reuma és Furdougyi Intezet (igazgato: Farkas  
Károly az orvostudományok doktora) Szemeszeti Osztályának  
(főorvos: Lugossy Gyula az orvostudományok kandidátusa)  
közleménye.

(EYE physiol)  
(FLUORESCENT DYES)

LUGOSSY, Gyula, Dr.

New method for the diagnosis of tuberculous eye diseases. Orv. hetil.  
100 no.5:187-189 1 Feb 59.

1. Az Országos Reuma és Furdogyi Intezet (igazgato: Farkas Karoly dr.,  
az orvostudományok doktora) Szemeszeto Osztalyanak (foorvos: Lugossy  
Gyula dr., az orvostudományok kandidatusa) kozlemenye.

(TUBERCULOSIS, OCULAR, diag.

fluorometry of fluorescein permeability of blood - vitreous  
humor barrier (Hun))

LUGOSSY, Gyula

Clinical fluorometry and the etiology of uveitis. Szemeszet 97  
no.3:157-161 S '60.

1. Az Országos Reuma és Furdougyi Intezet (Igazgato: Farkas  
Karoly as Orvostudományok doktora) Szemeszeti Osztalyanak  
(Foorvos: Lugossy Gyula az orvostudományok kandidatusa) kozlemenye  
(UVEITIS etiol)

LUGOSSY, Gyula, dr.

Clinical fluorometry and old age. Orv. hetil. 101 no.13:455-459  
27 Mr '60.

1. Országos Reuma és Furdougyi Intezet, Szemosztaly.  
(AGING physiol.)  
(FLUORESCENT DYES metab.)  
(BLOOD)  
(AQUEOUS HUMOR)

LUGOSSY, Gyula, dr.

Clinical data on the pathogenesis of glaucoma disorders. Orv.  
hetil. 101 no.35:1239-1241 28 Ag '60.

1. Országos Reuma és Furdougyi Intezet, Szemosztaly.  
(GLAUCOMA etiol)

LUGOSSY, Gyula

Electric carysiphaks. Szemeszet 97 no.4:228-232 D '60.

1. Az Orszagos Reuma es Furdougyi Intezet Szemosztalyanak  
kozlemenye.  
(CATARACT EXTRACTION equip & supply)

LUGOSSY, Gyula

On the aqueous humor and its serology. Szemeszet 98 no.2:107-123  
Je '61.

1. Az Országos Reuma és Furdougyi Intezet (Igazgato: Farkas Karoly az  
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(CATARACT EXTRACTION)



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"Results of 600 Cataract Operations with the Use of Alpha-Chymotrypsin."

Budapest, Orvosi Hetilap, Vol 104, No 18, 5 May 63, pages 821-824.

Abstract: [Author's Hungarian summary modified] The operation with the use of  $\alpha$ -chymotrypsin makes the intrascapular removal of the lense possible irrespective of the developmental stage of the cataract in the most productive age from 20-60. Enzymatic zonulolysis is contra-indicated under 20 years of age and above 60, it should only be carried out if special indication is present for it since, in spite of most careful observance of Barraquer's method, complications can arise in all parts of the eye. Of 37 references 2 are Hungarian, the rest Western.

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(IRIDOCYCLITIS)

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(HOSPITAL EQUIPMENT AND SUPPLIES)

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1. Elelmezesugyi Miniszterium (for Alpar) 2. Elelmiszeripari  
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