

29515-66

ACC NR: AP6020001

SOURCE CODE: CZ/0079/65/007/003/0288/0288

AUTHOR: Vencovsky, E.; Sedivec, V.; Peterova, E.; Baudis, P.; Janovsky, F.; Valenova, Z. ²³/_B

ORG: Psychiatric Clinic, Medical Faculty, Charles University, Plzen (Psychiatricka klinika LF KU)

TITLE: Preliminary report on ²²norimipramine treatment of depressions [This paper was presented at the 7th Annual Psychopharmacological Meeting, Jesenik, 20-23 January 1965]

SOURCE: Activitas nervosa superior, v. 7, no. 3, 1965, 288

TOPIC TAGS: drug treatment, nervous system drug, pharmacology

ABSTRACT: Norimipramine is a thymoleptic which is effective in the treatment of depressive conditions with prevailing psychomotor inhibition. Its side effects are similar to those of imipramine. The rapid onset of the therapeutic effect is a great advantage in its application. Experiments were conducted on 10 patients. Norimipramine is 5-methylaminopropyl-imino-dibenzyl hydrochloride. [Orig. art. in Eng.]
[JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1

CZ ECHOSLOVAKIA

BAUDIS, P.; KOLOMAZNIK, M.; SEDIVEC, V.; PETEROVA, E.; JANOVSKY, F.; HAJNOVA, R.; Psychiatric Clinic, Medical Faculty, Charles University (Psychiatricka Klin. Lek. Fak. KU), Plzen.

"Treatment of Depression by Nialamide Infusions."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, pp 368 - 369

Abstract: Experiments in treating 22 patients with nialamide are described. In 8 patients there was an improvement, in 14 there was none. Where the depression was caused by agitation and anxiety, the drug had no effect. No side effects were observed, but the patients had to receive hypnotics at night to make them sleep. No EEG changes by the drug were observed. The use of Niamide at the present time is rather experimental than general. 1 Table, no references. Submitted at the 8th Annual Psychopharmacological Meeting at Jesenik, 18 - 22 Jan 66.

1/1

R2

BAUDIS, V.

Sanitary equipment for passengers on railroad trains. p. 271.
Railroad routes in the Kosice region in the years 1860-1945; some
notes before building the Turna nad Bodvou-Roznava track. p. 272.
Master of "answering." Tr. from the Russian. p. 273.
ZELEZNICE, Prague, Vol. 4, no. 10, Oct. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,
June 1956, Uncl.

BAUDISCH, E.

Diagnostic value of the arteriogram in kidney tuberculosis.
Cesk. radiol. 19 no.4/5:304-308 Ag '65.

1. Radiologische Klinik und Poliklinik der Friedrich-Schiller-
Universität Jena, DDR.

S/081/62/000/021/033/069
B149/B101

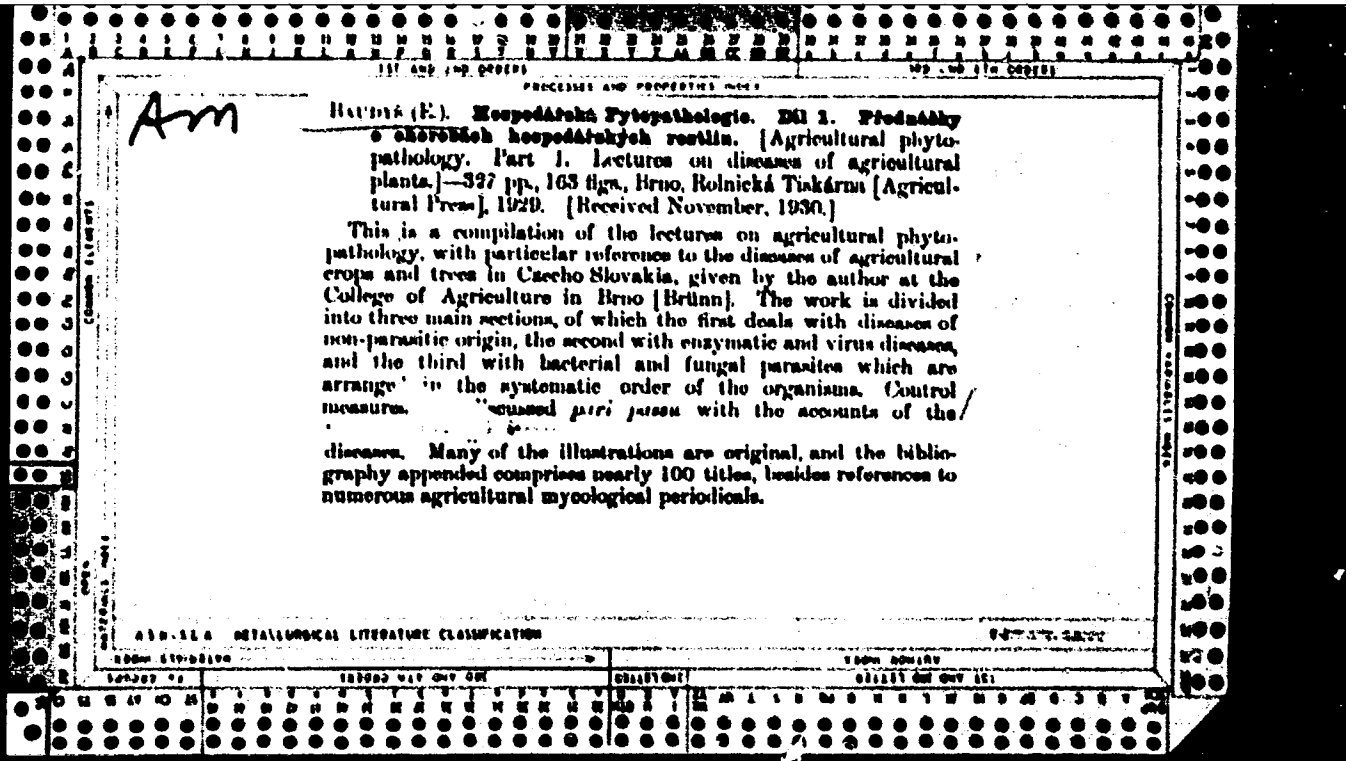
AUTHOR: Baudran, A. A.

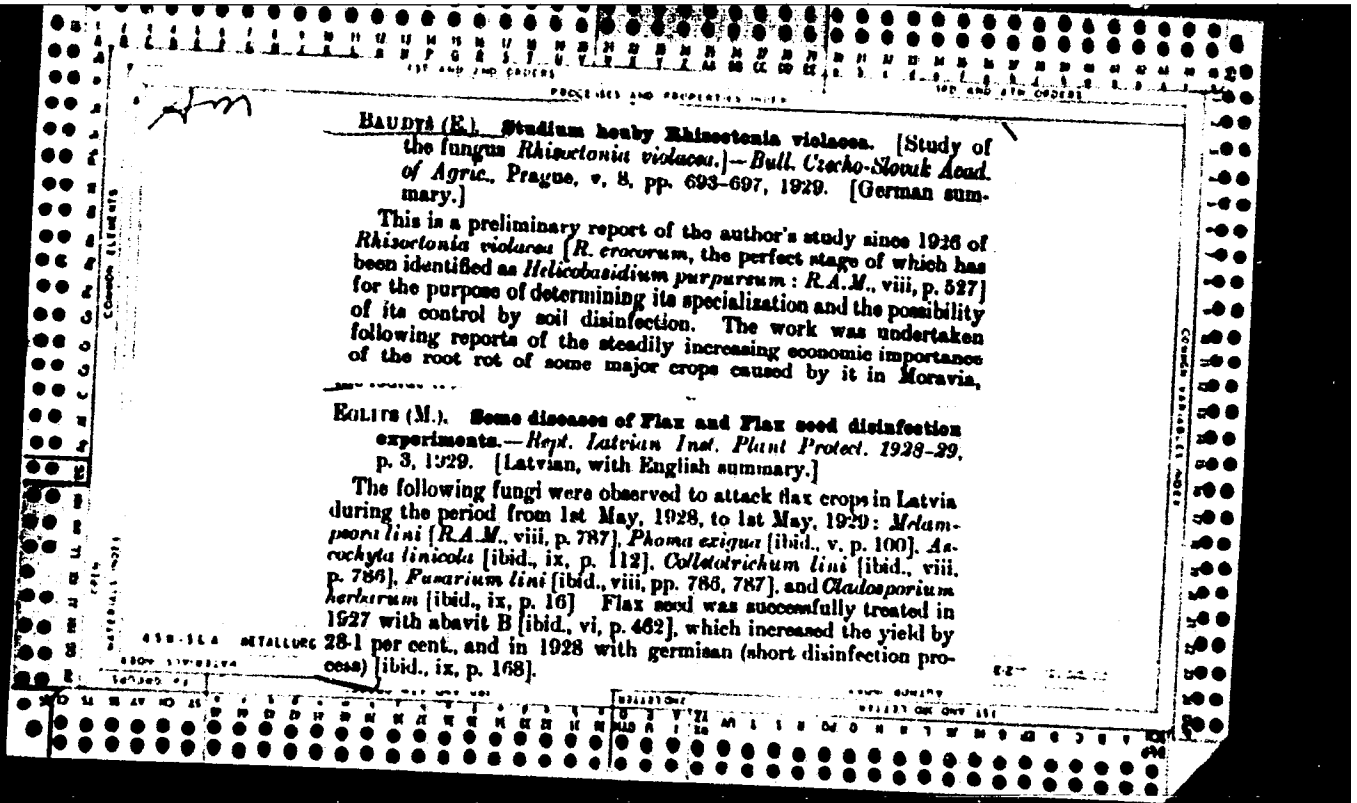
TITLE: Quality control of refractory materials by methods using ultrasonic vibrations

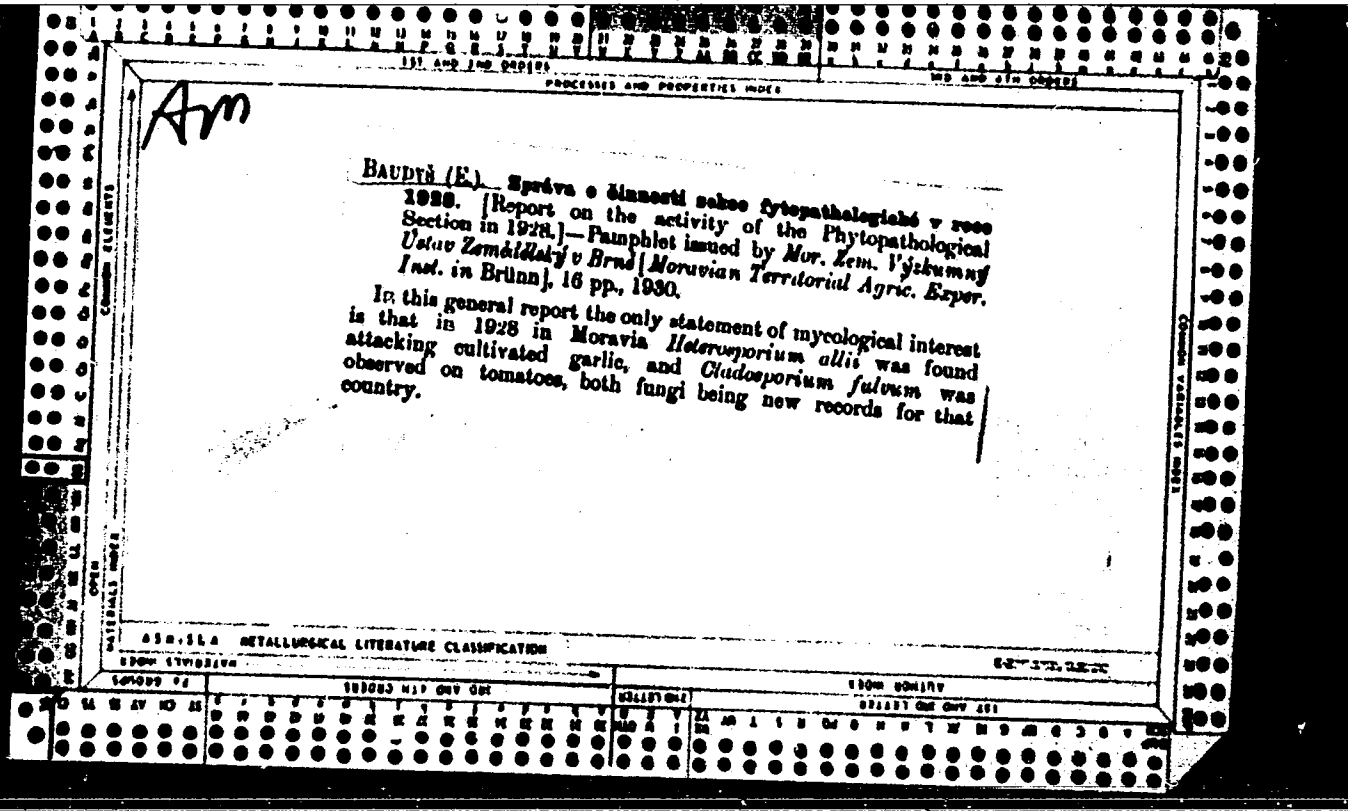
PERIODICAL: Referativnyy zhurnal. Khimiya, no. 21, 1962, 331 - 332, abstract 21K213 (Építőanyag, v. 14, no. 3, 1962, 102 - 115 [Hung.; summaries in Russ. and Ger.])

TEXT: Methods of quality control by ultrasonic vibrations of refractory and ceramic goods are described. These vibrations are nondestructive. The principles of the method and the factors which influence the rate at which ultrasonics are propagated within the goods, viz. density, porosity, granulometric composition of the substance, quality of the material etc., are described. An installation for making measurements is described and some practical examples are given. By applying this method a quick and reliable quality test of refractory materials can be carried out not only on selected samples but on complete batches of goods. [Abstracter's note: Complete translation.]

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Am

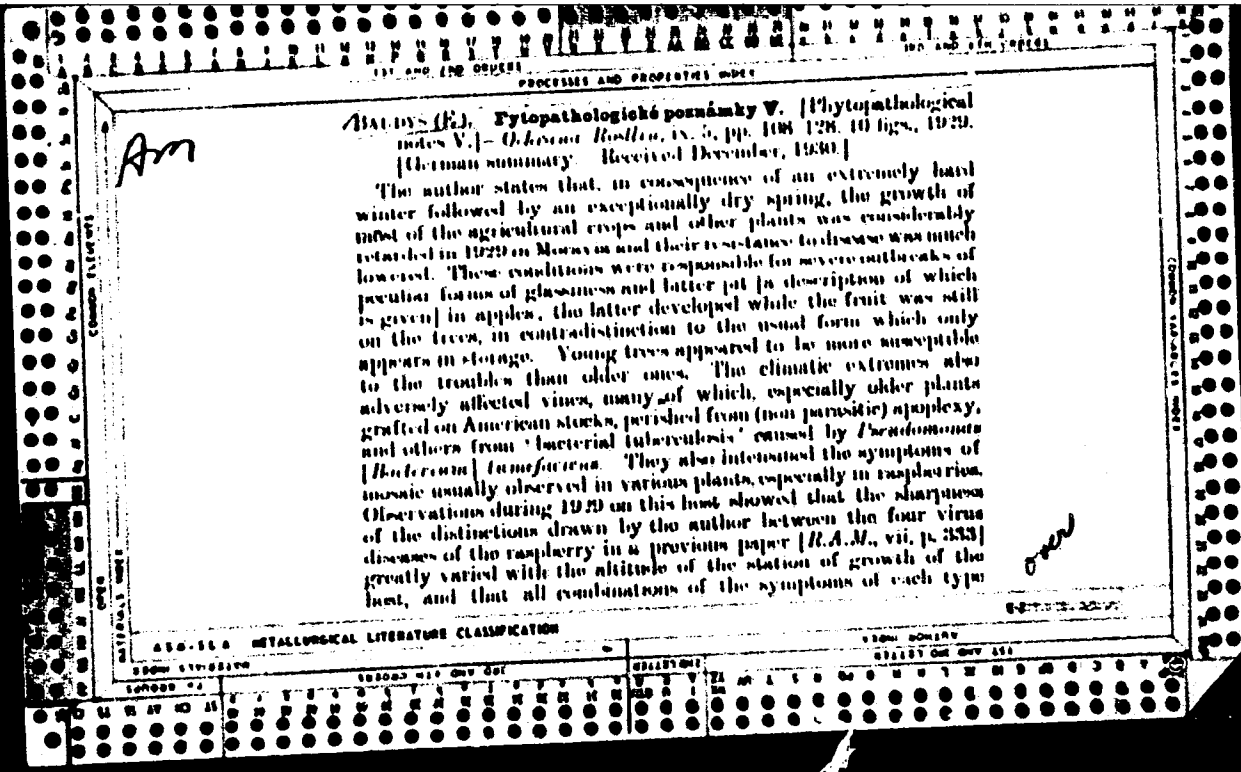
BAUDYS, E.

BAUDYS (E.). *Padli na ovocných stromech a keřích.* (Mildews of fruit trees and shrubs).—*Český Údbor Zemědělské Rady Moravské [Bohemian Branch of the Moravian Agricultural Council]*. Brno, *Leaflet 32*, 2 pp., 1 fig. (Received December, 1930.)

In this leaflet brief, popular accounts are given of the mildews which attack the chief fruit crops in Bohemia, namely, *Podosphaera leucotricha* on the apple and pear; *P. [arypocanthae] f. trilactyla* [ibid., v. p. 690], and *Uncinula prunastri* [ibid., i, p. 335] on the plum; *Sphaerotheca [pinnosa] f. persicae* [ibid., vii, p. 123]

on the peach and apricot; *S. frugariae* [*S. humuli*] on the strawberry [ibid., vii, p. 491]; *S. mors-uvae* on the gooseberry and certain species of currants; and *Phyllostictia corylea* on the hazelnut. The control measures to be applied against these diseases are indicated.

AGRICULTURAL LITERATURE CLASSIFICATION



frequently appeared on the same plant, this is considered to conflict with his former view of the existence of several types of raspberry mosaic. Severe mosaic was also observed on sweet peas (*Lathyrus sativus*) (ibid., VIII, p. 22) and on sugar and fodder beets, the interesting fact was noticed that beets affected with mosaic appeared to be entirely immune from attacks of *Circulifer tenax* (Patach) and rust [*Puccinia helianthi*] both of which were otherwise very severe locally on these crops. Of recent years it has been observed that certain flowering plants, including *Pedicularis*, *Dahlia*, *Heponia*, and *Pelunia*, are being increasingly attacked and killed by *Dieta tumefaciens*. In southern Bohemia *Bacillus carotovorus* was found in 1928 causing a heart rot of celery.

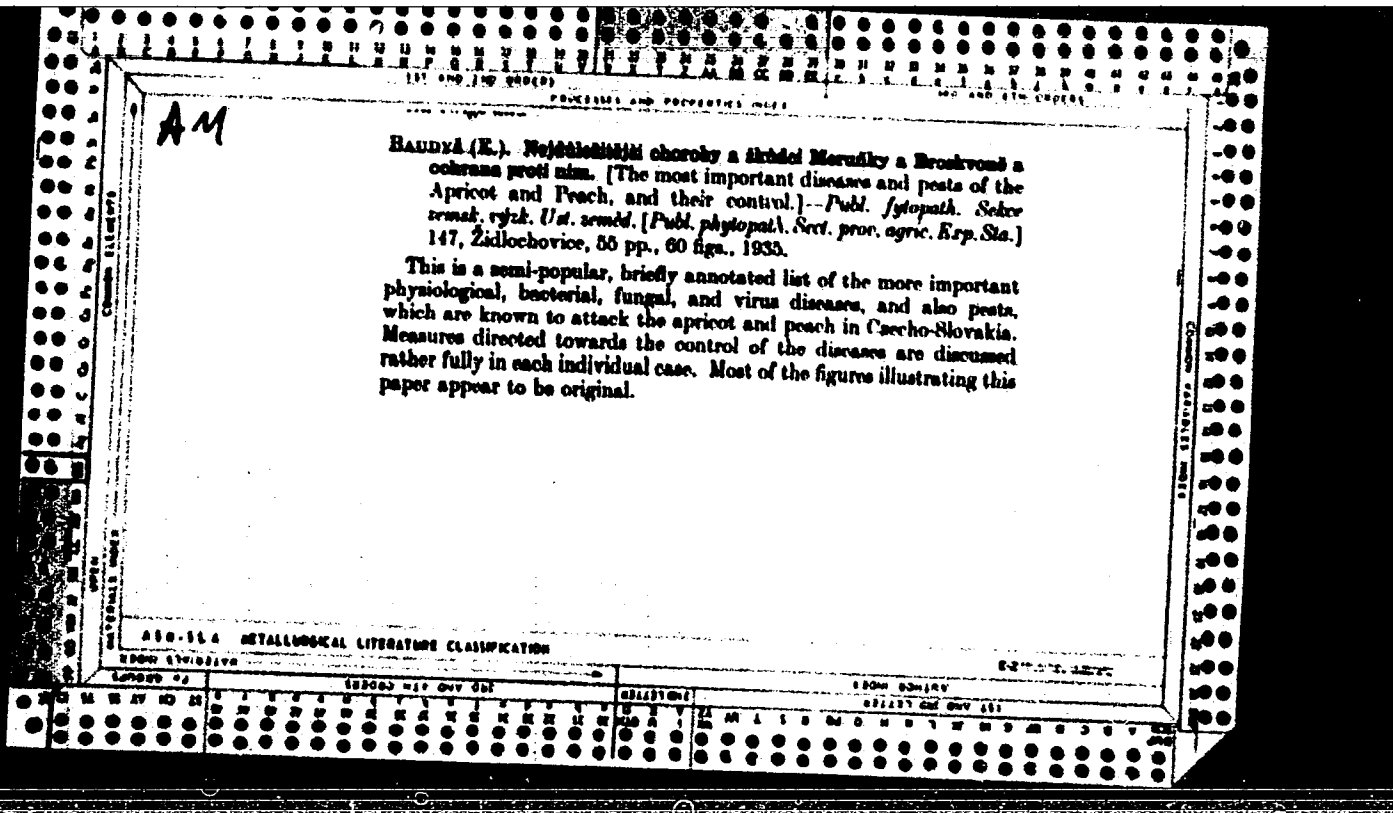
Walnut seedlings in nurseries were killed in large numbers by a blight associated with as yet unidentified species of bacteria and *Fusarium*, and infection experiments are in hand to establish which of these organisms is responsible for the disease.

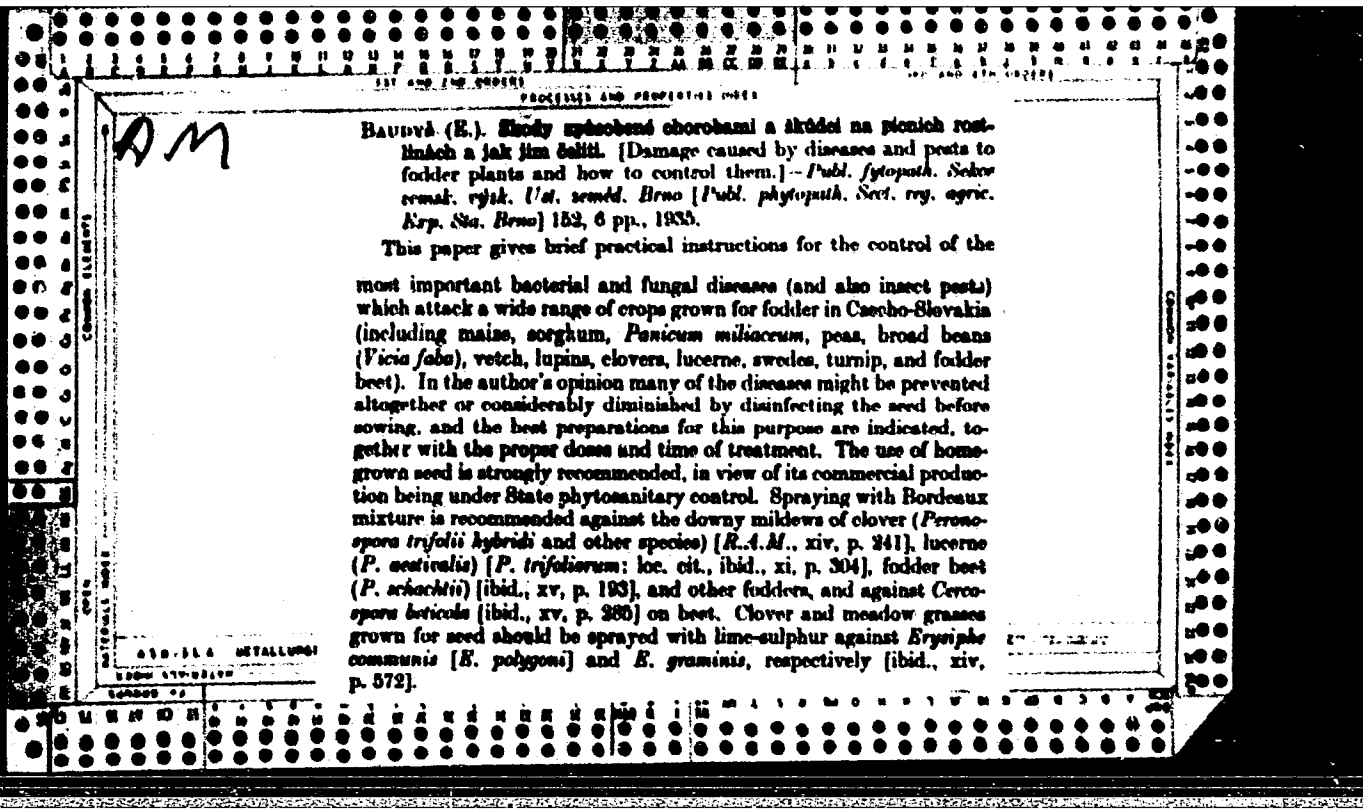
AM

BAUDYŠ (E). Použití dusičnatého vápna v ochraně rostlin. [The use of calcium cyanamide in plant protection.]—Pamphlet issued by the Agric. Exper. Stat. in Brno, (2nd augmented edit.), 48 pp., 25 figs., 1933.

The purpose of this pamphlet is to bring to the notice of practical agriculturists in Czecho-Slovakia the encouraging results obtained abroad and at home in local experiments in the use of calcium cyanamide for the control of a wide range of bacterial and fungal diseases of cultivated plants, and also of soil insects and weeds. The paper contains a fairly full list of the diseases and pests which have been shown to be amenable to control by this means, and special mention is made of the fungicidal action of calcium cyanamide on the spores of cereal rusts (*Puccinia* spp.), smuts (*Tilletia* and *Ustilago* spp.), and snow moulds (*Fusarium* spp.), hop powdery mildew (*Sphaerotheca humuli*), and the like. It also includes instructions for the correct dosages and times of applications.

U.S. - I.L.A. METALLURGICAL LITERATURE CLASSIFICATION





PROCEDURES AND PROPERTIES INDEX

1st AND 2nd EDITIONS

1st AND 2nd EDITIONS

AM

RAUDYŠ (B.). *Dusle jako prostředek k ochraně rostlin. (Potassium as a plant protective.,—6th ed., 96 pp., 33 figs., Prague, 1937.*

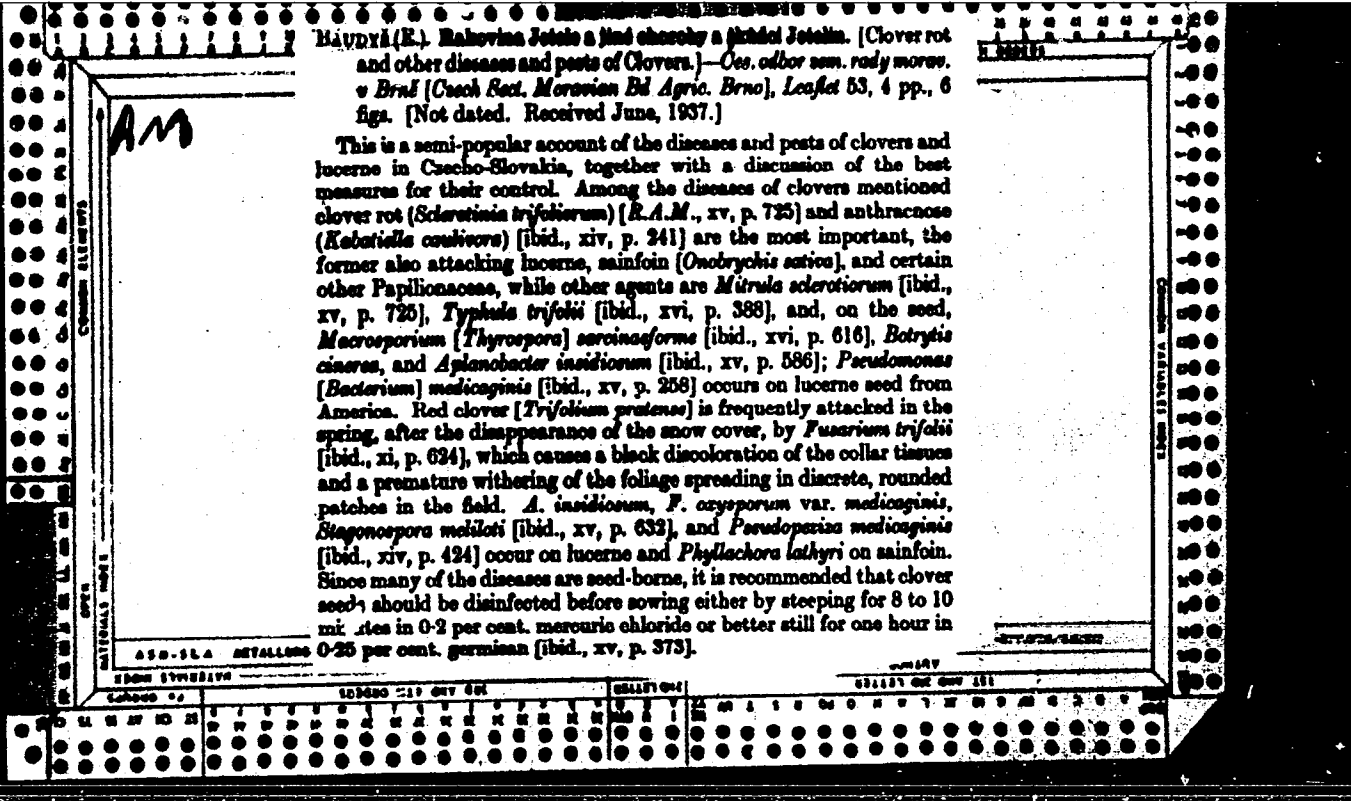
In this pamphlet the author gives a richly documented survey of research work on the importance of potassium for the health of plants. Special mention is made of experiments in Czechoslovakia, the results of which indicated that spraying potatoes with a 2 per cent. potassium salt solution (especially kainit) affords good control of leaf roll and late blight (*Phytophthora infestans*). Excellent control of vine mildew (*Plasmopara viticola*) was also reported from three localities by spraying the vines, which had previously severely suffered from the disease, with a 10 per cent. kainit solution. Many more examples are also cited of the controlling effect of potassium applications on a wide range of plant diseases and insect parasites, a full list of which is appended at the end of the volume.

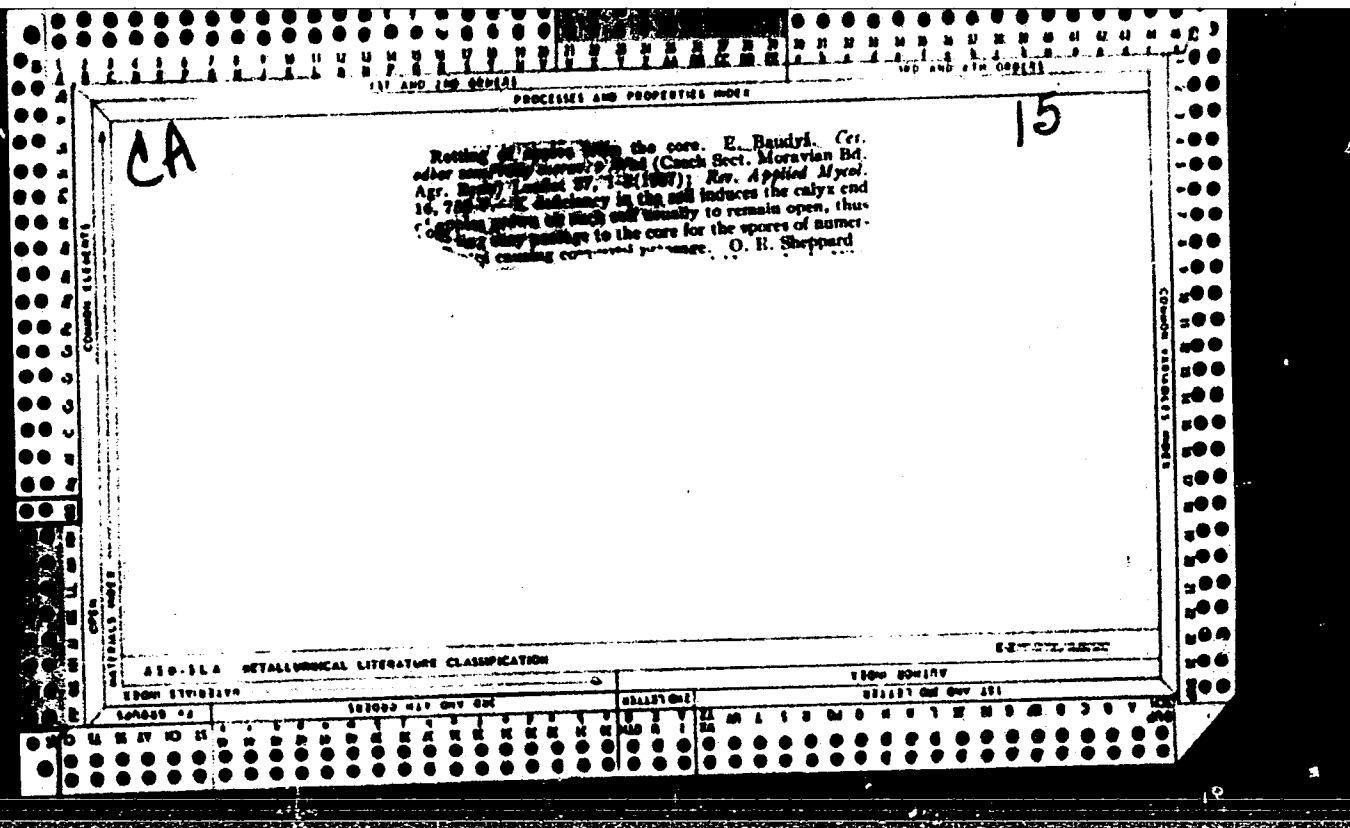
METALLURGICAL LITERATURE CLASSIFICATION

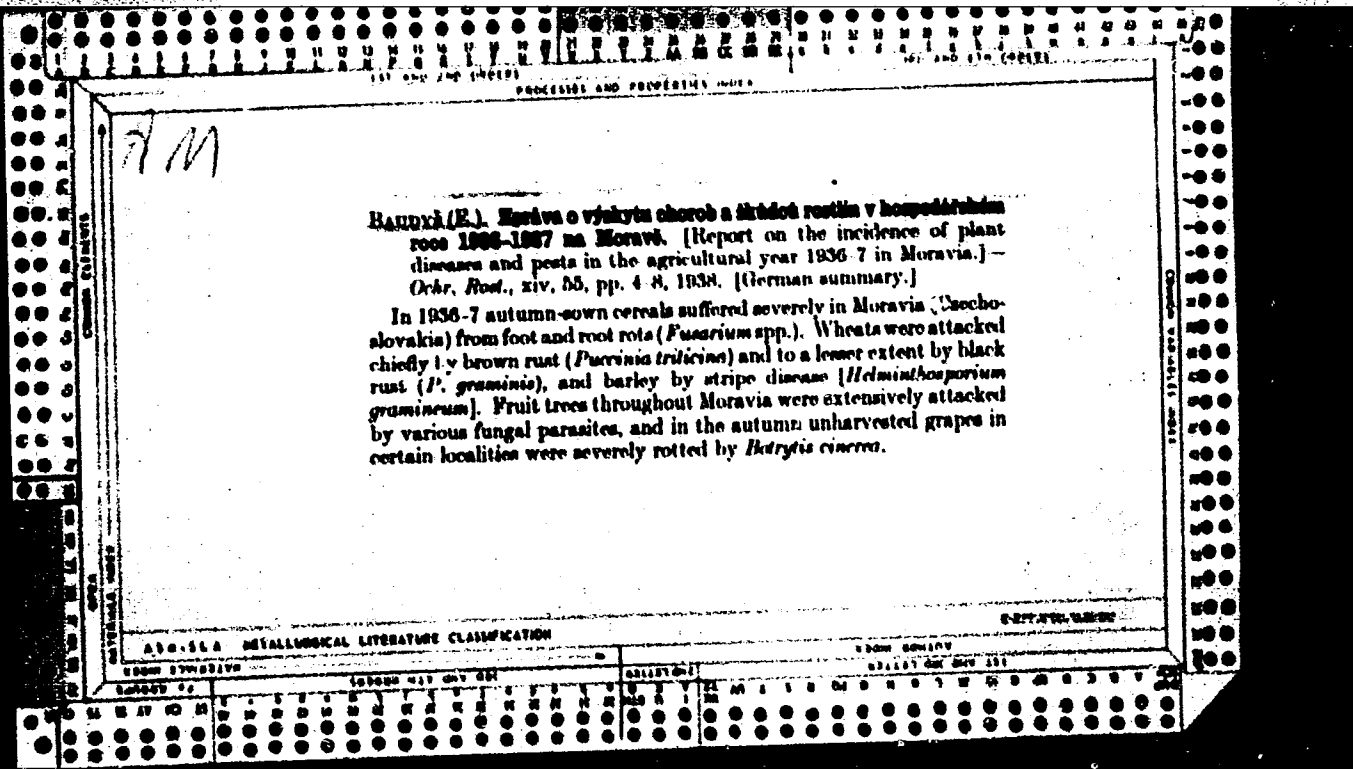
METALLURGICAL LITERATURE CLASSIFICATION

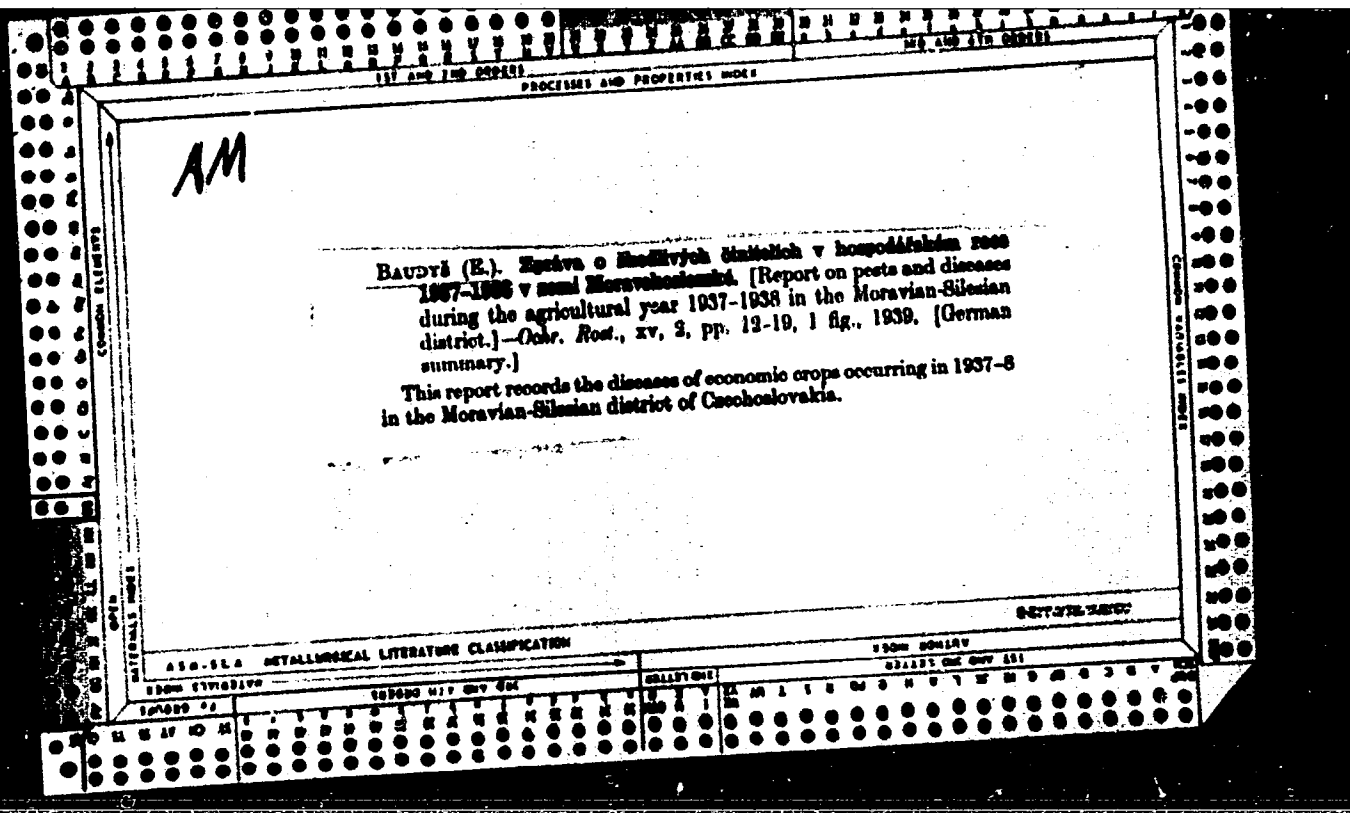
METALLURGICAL LITERATURE CLASSIFICATION

METALLURGICAL LITERATURE CLASSIFICATION









BAUDYS, EDUARD

Zoocecidie z oblasti Slezska a prilehlych casti Moravy. Praha, Statni pedagogicke nakl. 1954. 288 p. (Opava, Slezsky studijni ustav. Publikace, v. 7) (Zoocecidia from Silesia and adjacent parts of Moravia. German and Russian summaries)
DA Not in DLC

SO: Monthly List of East European Accessions (MEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

BAUDYS, E.

CZECHOSLOVAKIA/General and Specialized Zoology. Insects. 2
Injurious Insects and Ticks. General Problems

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49537

Author : ~~Baudys E.~~
Inst : Higher School of Agriculture and Forestry Faculty
at Brno

Title : The Gall-Forming Weevils.

Orig Pub. : Sbor. Vysoke školy zemed. a Lesn. fak. Brno, 1955,
A, No 4, 301-320

Abstract : Galls caused by weevils in Czechoslovakia were surveyed in detail also using data from adjacent countries. The author's vast collection (more than 5300 specimens) formed the chief basis for the work. The feeding plants for each species were pointed out and their distribution in Czechoslovakia was reported in detail. Only a few of the numerous weevil species were found to form galls. -- D.P. Dovnar-Zapol'skiy.

Card : 1/1

BAUDYS, E.

Fifth contribution to a study of the distribution of galls in Slovakia. p.5.
(BIOLOGICKE PRACE, Vol. 2, no. 4, 1956, Bratislava, Czechoslovakia.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957. Incl

BAUDYS, Eduard

Zoococidia in Osoblaha area. Prir cas sledky 23no.1:73-83 '62.

BAUDYS, F.

BAUDYS, F. Planting potatoes in checkrow, a method of increasing mechanization and productivity of labor. p. 97. Red Flag of the Government and Central Council of Trade-Unions for good work. p. 98.

Vol. 6, no. 6, Mar. 1956
MACHARISACE ZEMEDLSTVI
AGRICULTURE
Czechoslovakia

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

BAUDYS, M. - Vol. 14, no. 4, Apr. 1953. SLABOPROUDY OBZOR

Survey of the Giorgi system of units. (Supplement) p. P13.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

BAUDYS, M. - Vol. 14, no. 4, Apr. 1953. SLABOPROUDY OBZOR

Giorgi's system of units; a rationalized meter-kilogram-second system. p. 149.

SO: Monthly list of East European Accessions, (KEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

BAUDYS, M.

Bohumil Parez is 60 years old. p. 201. NORMALISACE. (Urad pro normalisaci) Praha. Vol. 5, no. 9, Sept. 1956.

SOURCE: East European Accessions List, (EEAL), Library of Congress
Vol. 5, no. 12, December 1956

Baudys, M., and others.

Baudys, M., and others. The Conference of the International Electro-technical Commission. (To be contd.) Supplement) p. 25.

Vol. 18, no. 2, Feb. 1957
SLABOPROUDY OBZOR
TECHNOLOGY
Czechoslovakia

So. East European Accessions, Vol. 6, May 1957
No. 5

FAUDYS, M.; LUKES, J.

New laws on standardization, inventions, discoveries, and rationalization.

P. 517. (SLABOPROUDY OBZOR.) (Praha, Czechoslovakia) Vol. 18, No. 8, Aug. 1957

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

BAUDYS, M.

"Symbols of mass and energy.

p. 104 (Elektrotechnický Obzor. Vol. 47, no. 2, Feb. 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 6, June 1958

BAUDYS, M., AND OTHERS.

Conference on technical standardization in Brno. p. 64

Normalizace. (Urad pro normalizace) Praha, Czechoslovakia.
Vol. 7, no. 4, Oct. 1959

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

Uncl.

BAUDYS, Miloslav, ins.

Introduction of legal measurement units. Normalizace 11:
Suppl.: Za vyssi kvalifikaci pracovníku v technické normalizaci.
Mq.5:P₁/ 1-P₁/15 My '63.

BAUDYS, Miloslav, inz.

Legal measurement units. Stroj vyr ll no.6:299 Je '68,

1. Urad pro normalizaci a mereni.

BAUDYS, Miloslav, inz.

Regulation of the system of measures. Pod org 17 no.7:
317-318 JI '63.

1. Urad pro normalizaci a mereni.

BAUDYS, Miloslav, inz.; TUCEK, Zdenek, inz.

Legal units of measurement. Sdel tech 12 no.4:122-126
Ap '64.

BAUDYS, Miloslav, inz.

The new instruction book on the establishment, classification, and form of technical standards. Normalizace 12 no.10:288 0 '64.

1. Office of Standardization and Measurement, Prague.

BAUDYS, Miloslav, inz.

Remarks on the terminology in marking products. Normalizace 12
no.11:311-312 N '64.

1. Office of Standardization and Measurement, Prague.

BAUDYS, Miloslav, inz.

New ideas in technical standardization. Podn org 19 no.1:
14-17 Ja '65.

1. Office of Standardization and Measurement, Prague.

BAUDYSOVA, M. ; HOLECKOVA, E.; SEKLA, B.

The resistance of two lines of rats to tumour induction by 3,4-benzpyrene. Neoplasma (Bratisl.) 11 no.3:293-298 '64

1. Institute of Physiology, Czechoslovak Academy of Sciences,
Institute of Biology, Faculty of Medicine Charles University,
Prague, Czechoslovakia.

CZECHOSLOVAKIA

BAUDYSOVA, M., Physiological Institute, Czechoslovak Academy of Sciences (Fysiologicky Ustav CSAV) Prague.

"Glucose Metabolism in Cell Lines Adapted to Cold."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 106

Abstract: From mammal cells L, HeLa and Detroit 6 lines with high resistance to cold (4°C) were obtained; their propagation at 30° - 36°C was very fast. All 3 lines decomposed glucose faster than controls; the levels of pyruvic and lactic acids were also lower than in controls. The cells used up more glucose without releasing more intermediate products; the experimental cells released more acid to the medium than control cells. It is possible that the strains resistant to cold stimulate cell oxidation and behave during adaptation to cold as complete animals. 1 figure, 1 Czech reference. Submitted at "16 Days of Physiology" at Kosice, 29 Sep 65.

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CZECHOSLOVAKIA

CERNY, M., BAUDYSOVA, M., HOLECKOVA, E; Biological Institute, Medical Faculty, Charles University, and Physiological Institute, Czechoslovak Academy of Sciences (Biologicky Ustav Lek. Fak. KU a Fysiologicky Ustav CSAV), Prague.

"Polyploidia and Endoreduplication in Mammal Cells Adapted to Cold."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, pp 105-106

Abstract: Subcutaneous fibroblasts from mice were used to prepare a culture exposed repeatedly to cold. This results in replication without division of the cytoplasm, so-called endoreduplication, which was manifested after it was removed from the cold, during the first mitosis by the existence of diplochromosomes in cells. Endoreduplications were known previously to be due only to radiation effects. 4 Figures, 6 Western, 1 Czech reference. Submitted at "16 Days of Physiology at Kosice, 29 Sep 65.

1/1

SHUMSKIY, P.A., doktor geograf. nauk; BAUER, A., prof.

Study of recent changes in the central part of the ice sheet
of East Antarctica in 1964. Inform. biul. Sov. antark. eksp.
no.51:37-51 '65. (MIRA 18:9)

1. Akademiya nauk SSSR (for Shumskiy). 2. Frantsuzskaya
polyarnaya ekspeditsiya (for Bauer).

SOV-127-58-3-13/24

AUTHORS: Eichholz, G.G., Smith, A.O., and Bauer, A

TITLE: Radioactive Dynamite for Safety in Mining Operations (Radioaktivnyy dinamit dlya bezopasnogo vedeniya gornyykh rabot)

PERIODICAL: Gornyy zhurnal, 1958, Nr 3, pp 60-62 (USSR)

ABSTRACT: This is a Translation from English of an article published by "The Canadian Mining and Metallurgical Bulletin", March 1957, p 117. Translator: Engineer S.P. Levchik. There is 1 table, 1 figure and 2 non-Soviet references.

1. Mining engineering
2. Explosives--Safety measures
3. Nitroglycerin--Radioactivity

Card 1/1

ACC NR: AT0010038

(A)

SOURCE CODE: UR/3174/65/000/051/0037/0051

AUTHOR: Shumskiy, P. A. (Doctor of geographical sciences); Bauer, A. (Professor)

ORG: [Shumskiy] Academy of Sciences SSSR (Akademiya nauk); [Bauer] French Polar Expedition (Frantsuzskaya polyarnaya ekspeditsiya)

TITLE: Investigation of contemporary changes in the central ice cover of Eastern Antarctica

SOURCE: Sovetskaya antarkticheskaya ekspeditsiya, 1955-. Informatsionnyy byulleten', no. 51, 1965, 37-51

TOPIC TAGS: antarctic climate, glaciology, ice, antarctic ice cap, ice cap mass balance, ice cover surveying, radarrangefinding, ice sampling

ABSTRACT: The problem of mass balance of the Antarctica ice cover is investigated by concentrating on the mass changes of the central part ice cap. Problem difficulties are due to absence of direct information, such as is available for the outer fringe zone, where the 20th century warming trend has caused observable ice retreats. The authors offer a method based upon three hydrodynamic equations of the ice flow, representing continuity and the two boundary conditions of mass transfer thru the upper and lower surfaces of the superglacier. A single integral equation is then derived, relating the velocities of the external and internal mass exchange with the velocity of mass change at a given point. It is noted that in the environment of Central Antarctica most of the equation's members can be neglected. The remaining essential quanti-

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ACC NR: AT6019038

ties: a - mass arrival velocity per unit of upper surface projection on the horizontal plane; $\rho(z,t)$ - ice density, as function of depth and time; $du(z)/dx - dv(z)/dy$ (with $u(z)$ and $v(z)$ - ice velocities along the X and Y axes at depth z); and their time derivatives, can be measured at the surface and extrapolated to depth on the basis of shallow borings. On the basis of the analysis and measurements made previously, a work plan has been formulated. Its main features were: precise radar range surveying of permanent 8 meter high markers defining pentagon nets at suitable stations; astro-orientation; 8" dia. firn samplings at low depths; and electric soundings for ice density. The expedition was conducted with the participation of a group of French scientists, including one of the present authors (Prof. A. Bauer). A description of the expedition's organization, a diary of operations and tables of some measurements related to the survey marker nets are given. The precision of distance measurement by special radar equipment was found to be good, with errors less than one part in a million. Measurement operations were found to be unimpeded by low blizzards, except for a single 12 hour interruption of radar signal passage. The results obtained and the established marker system should permit a satisfactory repetition of measurements in two years, as planned. The electrometric ice density determination method was found to be unsuitable in its present form. Orig. art. has 1 figure, 7 formulas and 5 tables.

SUB CODE: 04, 17/

SUBM DATE: 07Jul64/

ORIG REF: None

Card 2/2

CA

BAYER, A. B.

28

Sugar-beet experimentation and agronomy in England.
A. B. Bayer. Listy Cukrovary. 65, 72-3 (1945).—A survey.
Frank Marsh

ATLANTA METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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PODMOGAYEV, V.Ya.; BAUER, D.D.; SHER, A.Ye.; STEPANOV, A.P.

Vertical filling of bottom sections of aluminum electrolyzers.
Prom.energ. 15 no.5:21-22 My '60. (MIRA 13:7)
(Aluminum—Electrometallurgy)
(Electrolysis—Equipment and supplies)

BAUER, E.; BERG, H.

Oscillographic recording of medium speed reactions. Chem
zvesti 18 no.5/6:454-457 '64.

1. Institute of Microbiology and Experimental Therapy, Jena,
German Academy of Science, Berlin.

~~BAUER, F.~~ BAUER, F.
BAUER, F.,

"Introduction of the new heterosis through a rye improvement procedure at the experimental farm of Kecskemet" p. 138
(AGRARTUDOMANY, Vol. 5, No. 5, May 1953 Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 7, July 1953, Uncl.

~~SAUCER, F.~~ SAUCE, F.

"When the work in forest cultivation comes to an end." p. 164. (Polana, Vol. 9, no. 7/8, July/Aug. 1953. Praha.)

SO: Monthly List of ~~Books~~ Accessions, ^{East, European} Vol. 3, No. 2, February ¹⁹⁵⁴ ~~1953~~ / Uncl.

BAUER, Ferenc

The "B.rye of Kecskemet." Elet tud 15 no.16:510 17 Ap '60.

BAUER, F.

Shortcomings in the design of domestic installations. p. 236.
(POZEMNI STAVBY, vol. 2, no. 8, Aug. 1954, Praha)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 11,
Nov. 1955, Uncl.

BAUER, F.

Characteristic factors of the air flow. p. 53.
STROJNICKY SBORNIK, Prague, No. 8, 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,
June 1956, Uncl.

KONKOLY, Tibor, dr.; BAUER, Ferenc; MEGYERI, Bela

Some data on the technology of arc welding performed in the
CO₂ protective atmosphere. Gepgyartastechn 3 no.5:168-171
My¹63.

1. Budapesti Műszaki Egyetem Mech. Techn. Intezete (for Konkoly and Bauer). 2. Wilhelm Pieck Vagon- es Gepgyar, Győr (for Megyeri)

BAUER, Frantisek [Bauer, Frantisek], dots., inzh.doktor; MAREK, Yindrzhiikh [Marek, Jindrich], doktor yestestv. nauk; KNIKHAL, Vladimir [Knichal, Vladimir], prof., doktor, retsenzent; LEBDUSHKA, Yaroslav [Lebduska, Jaroslav], inzh., retsenzent; PESHEK, Rudolf [Pesek, Rudolf], prof., inzh.doktor, nauchnyy red.

[Isentropic gas-flow; tables and Correction Nomograms] Izen-tropicheskoe techenie gazov; tablitsy i popravochnye nomogrammy. Izd-vo Chekhoslovatskoi Akad. nauk, 1961. 643 p. (MIRA 15:2)

1. Issledovatel'skiy institut matematicheskikh mashin, Prague (for Marek). 2. Chlen-korrespondent Chekhoslovatskoy akademii nauk (for Peshek).

(Gas dynamics)

BAUER, Frantisek

Investigation of the thermodynamic properties of water and
water vapor in Czechoslovakia. Vestnik CSAV 73 no.3:488-489
'64.

BAUER, ~~George~~ Tamas

HUNG .

Microphotometric measurements of electroluminescent
 silicon carbide single crystals. G. Baier, G. T. Bauer,
 and J. Weisburg (Forschungslab. Fernmeldetechnik, Ind. ^{PH}
 Budapest). *Acta Phys. Acad. Sci. Hung.* 4, 57-63 (1964) (in ²
 German).—The light intensity of the phenomena was
 measured under a microscope which was adapted to a
 microphotometer. In two tables the light intensities are
 shown as a function of the wave length and temp. of the
 crystal. The light efficiency decreases with the temp.
 R. Schossberger

K

~~HUNGARY~~/Optics. - Photometry. Colorimetry.

Abs Jour : Ref Zhur Fizika, No 12, 1959, 28718
Author : Bauer, Gyorgy
Inst : -
Title : ~~Measurement of Small Differences Between Fluorescent Lamps~~
Orig Pub : Meres es automat, 1959, 7, No 1, 6-11

Abstract : Fluorescent lamps of the same type still differ in color. To determine this sufficiently small difference a special objective instrument is proposed. The instrument employs a photocell with two filters. It is intended for the measurement of fluorescent tubes, in which the energy distribution in the spectrum of radiation from the fluorescent phosphor has two continuous bands. Data are given on the minimum noticeable difference between the colors of the two lamps, and also statistical data on the results of

Card 1/2

György Tamas
BAUER, G.S.

A new measuring system for quantum efficiency measurements of luminescent substances. Acta phys Hung 11 no.3:225-234 '60. (EAI 9:10)

1. Industrial Research Institute for Telecommunication Technique, Budapest. Presented by G.Szigeti.
(Phosphors) (Crystals) (Luminescent substances)

György Ámos
BAUER, ~~György~~

Measuring absorption coefficients of luminescent substances
from microcrystalline nuclei. Acta phys Hung 14 no.2 3:311-318
'62.

1. Forschungsinstitut für die Nachrichtentechnische Industrie,
Budapest. Vorgelegt von G. Szigeti [György Szigeti]

BAUER, G.T.

Some optical properties of luminescent layers consisting of microcrystalline grains. Acta phys Hung 16 no. 4:333-343 '64.

1. Forshungsinstitut fur die Nachrichten*technische Industrie, Budapest. Vorgelegt von G. [Gyorgy] Szigeti.

SUB CODE: 17, 09 / SUBM DATE: none

ms
Card 1/1

UDC: 621.396.67

L 41611-66

ACC NR: AP6012421

(A)

SOURCE CODE: UR/0111/65/000/012/0008/0009

56
B

AUTHOR: Bauer, G. Ya. (Docent)

ORG: Department of Radio Engineering, Riga Polytechnic Institute (Kafedra radiotekhniki Rihzhskogo politekhnicheskogo instituta)

TITLE: Method for increasing electric length of antennas

SOURCE: Vestnik svyazi, no. 12, 1965, 8-9

TOPIC TAGS: antenna, antenna engineering, medium frequency antenna, antenna mast, antenna power

ABSTRACT: To add the antifading feature to a vertical-mast medium-frequency antenna, it is recommended that a coiled piece of wire be connected to the antenna open end, thus increasing its electric length by very economical means. A numerical example shows that an antenna's ($\lambda = 300$ m) electric length of 27.5 m can easily be brought to 41.5 m, while both its radiation resistance and efficiency materially increase. The loading-coil height is only 1/7 to 1/5 that of an additional steel structure which would be required in order to obtain the same results. Orig. art. has: 2 figures and 6 formulas.

SUB CODE: 17, 09 / SUBM DATE: none

ms
Card 1/1

UDC: 621.396.67

PARAICZ, Ervin, dr.; BAUER, Henrietta, dr.

Brain tumor and choked disk. Ideg. szemle 9 no.5:158-163
Oct 56.

1. Az Országos Idegsebészeti Tudományos Intézet (igazgató:
Zoltán, László, dr.) közleménye.

(BRAIN NEOPLASMS, diag.

papilledema in various brain tumors (Hun))

(NERVES, OPTIC

papilledema in various brain tumors, diag.
significance (Hun))

KEPES, Janos, Dr.; NEMETH, Lajos, Dr.; BAUER, Henrietta, Dr.

Solitary plasmocytomas in neurosurgery. Ideg. szemle 11 no.1-2:54-58
Feb-Apr. 58.

1. Az Orszagos Idegsebészeti Tudományos Intezet (Igazgató: dr. Zoltan
László) közleménye.

(MYELOMA, PLASMA CELL, surg.

case reports on solitary plasma cell myelomas (Hun))

BAUER, H.G., dr.

Reconstruction and improvement in the quality of surgical layouts in hospitals. Cesk. zdrav. 13 no.3:109-113 Mr '65

1. Lekarsky reditel a vedouci chirurgickeho oddeleni nemocnice s poliklinikou v Henningsdorfu u Berlina.

17,1200

S/263/62/000/018/002/006
I031/I242

AUTHORS: Andreyeva-Galanina, Ye. I., Burlova, L.Ya.,
Bauer, I.G.

TITLE: A method for the determination of the thermal
sensitivity of skin

PERIODICAL: Referativnyy zhurnal, Otdelnyy vypusk. 32.
Izmeritel'naya tekhnika, no. 18, 1962, 34,
abstract 32.18.236 (Tr. Leningr.san.-gigiyen.
med. in-ta, 1961, 73, 20)

✓B

TEXT: A transistorized, thermal sensing device which
permits the determination of heat sensitivity at any point on the
body over a wide temperature range has been developed in the

Card 1/2

BAUER, J.; BRANDEBUR, O.

Our experiences with the treatment of spinal fractures. Acta
chir. orthop traum. Cech. 32 no.1:79-84 F'65.

1. Chirurgická klinika Lekárskej fakulty University P.J.
Safarika v Kosiciach (prednosta: prof. dr. J. Knazovický) a
Traumatologické oddelenie Fakultnej nemocnice v Kosiciach
(veduci: MUDr. J. Bauer).

Z/031/61/009/003/001/003
A205/A126

AUTHORS: Bauer, J., and Macík, K., Engineers

TITLE: Experiences made with the introduction of group technology

PERIODICAL: Strojirenská výroba, v. 9, no. 3, 1961, 115 - 119

TEXT: This article is based on dissertations of graduates of the Economics-Engineering Department of the ČVUT Institute of Technology in Prague, and intends to inform workers of the machine-building industry on some experiences gained at the introduction of group technology according to S. P. Mitrofanov. This group technology simplifies the machining of parts with similar dimensions and was introduced on lathes of the "ČZNM" National Enterprise in Prague (producer of small series of ultra-heavy diesel engines) and the "MEOPTA" National Enterprise in Prague (producer of small series of microscopic and geodetic instruments and balances). The "ČZNM" Enterprise uses the group technology for machining of a total of 101 types of parts, distinguished into 6 groups: (1) flanges - 28 types of individual parts; (2) bevel gears - 6 types of parts; (3) cams and hubs - 22 types of parts; (4) shafts - 16 types of parts; (5) ring flanges - 17 types of parts; and (6) adapters - 12 types of parts. The unnecessary variety of dimensions of

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Experiences made with the introduction of...

Z/031/61/009/003/001/003
A205/A126

parts could be standardized and complex parts were designed for which the group technology was established. Such a group machining program is a chart which contains all single parts of the group and all operations to be performed, but only those dimensions, to which a certain part should be machined, are plotted in pertinent columns, other columns are left blank. Parts selected at the "MEOPTA" Enterprise for group machining can be divided into 2 groups: (1) pinions - 10 types of individual parts; and (2) sleeves - 9 types of individual parts. The pinions (1st group) are made of "CSN 11 108" standard rods with diameters ranging from 5.5 - 9.0 mm, and are most economically machined on an "S 28" lathe with an "IKS 1" copying attachment. The copying is performed in three runs with a cutting speed of 23.5 m/min. The sleeves (2nd group) are standardized to 3 dimensions for internal and external recesses (0.5, 1.0 and 1.5 mm). Cutting tools were clamped either in the headstock and the copying support or in a special turret head, fastened in the tailstock. The economic evaluation showed, that the 2,395 working hours required by the conventional machining method could be reduced to 1,425 working hours, which means an overall saving of 40.5% and a 43.5% saving of original wages. The copying attachment paid for itself within 7 months. In the following, some experiences are listed, which were gathered during introduction of group machining on

Card 2/3

Experiences made with the introduction of...

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A205/A126

turret lathes of the 2 above-listed plants, the Blanické strojírný-závod Konstrukta (Machine-Building Plant) in Prague and the TOS (Machine Tool Plant) in Hostivář. The economical evaluation of the group technology, introduced on automatically controlled lathes, resulted in a work-productivity increase of 17%. The total savings, achieved in the production of cams (103 assorted parts) amounted to 60,420 Czech Crowns. [Abstracter's note: period in which savings were made is not stated]. In addition to these savings, the described group technology also increases the quality level of products. In conclusion, the authors state that these are only the very first experiences, gathered with the S. P. Mitrofanov group technology, but the method will be further expanded and developed for the benefit of Czechoslovak machine-building industry. There are 10 figures.

ASSOCIATION: České vysoké učení technické - fakulta strojního inženýrství (Czech Institute of Technology - Department of Mechanical Engineering)

Card 3/3

BAUER, J.

Relation of the state plan of building construction to the state plan of investments. p.2. POZEMNI STAVBY. (Ministerstvo stavebnictvi) Praha. Vol. 3, no. 1, Jan. 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress, Vol. 4, No. 12, December 1956.

BAUER, J.

Planning a regular flow of construction work in the winter seasons,
p. 297, POZEMNI STAVBY, (Ministerstvo stavebnictvi) Praha, Vol. 3,
No. 8, Aug. 1955

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4, No. 12, December 1958

BAUER, J.

"Dual coal-loading equipment." p. 65.

ZELEZNICAR. (Ministerstvo dopravy). Praha, Czechoslovakia, No. 3, Mar. 1959.

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

BAUER, J.

Sauna baths according to the Finnish system and possibilities of their establishment in Hungary.

P. 86, (Hidrologial Kozlony) Vol. 37, no. 1, 1957, Budapest, Hungary

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

BAUER, Jakub

Attempted intravenous application of methergine in the third stage of labor. Gin.polska 30 no.3:295-300 My-Je '59.

1. Z Oddziału Położniczo-Ginekologicznego Szpitala Miejskiego w Katowicach Ordynator: dr med. J. Bauer.
(ERGOT ALKALOIDS ther)

BAUER, Jakub; SWITALA, Maria

Induction of labor by means of endovenous drip infusion of
syntocyn OTS-68. Gin.polska 30 no.5:517-525 S-0 '59.

1. Z Oddzialu Polozniczo-Ginekologicznego Szpitala Miejskiego
w Katowicach Ordynator: dr med. J. Bauer.
(OKYTOCIN ther)

BAUER, Jakub

Sigamycin in gynecological infection. *Gin.polska* 30 no.6:
625-632 N-D '59.

1. Z Oddziału Położniczo-Ginekologicznego Szpitala Miejskiego
w Katowicach Ordynator: dr med. J.Bauer.
(ANTIBIOTICS ther)
(GYNECOLOGICAL DISEASES ther)

BAUER, Jakub; PRZESMYCKI, Jan

Behavior of C-reactive proteins in gynecological diseases. Ginek. pol.
33 no.5:573-579 '62.

1. Z Oddziału Ginekologiczno-Polozniczego i Pracowni Biochemicznej
Szpitala Miejskiego Nr 6 w Katowicach. Ordynator Oddziału: dr med.
J. Bauer Kierownik Pracowni: mgr J. Przesmycki.
(C REACTIVE PROTEIN) (GYNECOLOGY)

ERDEY, L., prof. (Budapest, XI., Gellert ter 4); GAL, S.
(Budapest, XI., Gellert ter 4); PAULIK F. (Budapest,
XI., Gellert ter 4); BAUER, J. (Budapest, XI., Gellert
ter 4);

Derivatographic analysis of calcium oxalate hydrates.
Periodica polytechn chem 7 no. 3: 215-22 '63

1. Lehrstuhl fur Allgemeine Chemie, Technische Universitat,
Budapest (for Erdey, Gal and Paulik).
2. Chemische Fabrik Gedeon Richter, Kobanya (for Bayer).
2. Mitglied, Redaktionskollegium, "Periodica Polytechnica-
Chemical Engineering" (for Erdey).

J.
BAUER, Ya. [Bauer, J.]; FIALA, Yu. [Fiala, J.]; GRZHIKHOVA, R. [Hrichova, r.]

Mossanite from the České Středohoří. Izv. AN SSSR. Ser. geol.
28 no.7:54-68 J1 '63. (MIRA 16:12)

1. Prazhskiy khimiko-tehnologicheskii institut, Chekhoslovatskaya
Sotsialisticheskaya Respublika.

BAUER, J.

"Chemicals for preparation of minerals and other materials"
by Karl Wurz. Reviewed by J. Bauer. Chem listy 57 no. 12:
1308-1309 D '63.

BAUER, J.; ROUBKOVA, H.; SYMON, L.

Intracardiac polyp-like tumors. (Report on 2 interesting cases as a contribution to diagnosis). Vnitřní lek. 11 no.7:662-667 JI '65.

1. I. vnitřní oddělení nemocnice na Bulovce v Praze 8 (prednosta MUDr. L. Symon), Katedra patologické anatomie Ústavu dětského lékařství a patologickoanatomické oddělení nemocnice na Bulovce v Praze 8 (prednosta doc. MUDr. J. Viklický).

POLAND

BAUER, Jakubi; Ward of Obstetrics and Gynecology (Oddzial Poloznico-Ginekologiczny) Municipal Hospital (Szpital Miejski), Katowice; Chief Physician of the Ward: Dr Med J. BAUER
Director of the Hospital: Dr Med W. POWROZNY

"The Use of the Vacuum Extractor Instead of Forceps"

Warsaw, Polski Tyzodnik Lekarski, Vol XVIII, No 7, 11 Feb 1963, pp 259-262

Abstract: [Author's English summary modified] The Vacuum Extractor was used instead of forceps in 42 cases of pathologic labor; the total number of deliveries in this period (1 Oct 1959- 31 Aug 1961) being 2846. The indications and the advantages of this safe method are discussed. The cases in which it may be used should be carefully chosen, however.

All the mothers and newborn babies delivered by this method were discharged 6 to 10 days after delivery, in good condition. The results of complex studies (inducing electroencephalic tracings) performed in 200 children aged 1 to 2 by Fulst and Holtorff are mentioned. 2 tables; 10 Western, 2 Eastern references;

1/1

24

BAUER, Jan

To improve the performance of the construction industry plan by using better the working hours. Ins stavby 9 no.11:401-402 N '61.

1. Ministerstvo vystavby.

BAUER, J.

KUNSTADT, E.; HOLAN, J.; BAUER, J.

Combined therapy of breast cancer. Bratisl. lek. listy 34 no.4:
410-418 Ap '54.

1. Z Radiologickej kliniky LFSU v Kosiciach, prednosta dr. E.
Kunstadt a s Chirurgickej kliniky LFSU v Kosiciach, prednosta prof.
dr. J. Knasovicky.
(BREAST, neoplasms,
*ther.)

Bauer, J

BAUER, J.; KRAUS, L.

~~Problem of fracture healing in the distal third portion of the humerus.~~
Rozhl. chir. 36 no.8:540-546 Aug 57.

1. Chirurgická klinika UK v Kosiciach, prednosta prof. Jan Krasovicky
traumatologicke oddelenie KUNM Kosice, prednosta Jan Bauer. Orthopedická
klinika UK v Bratislave, prednosta prof. Jan Cervenansky.

(HUMERUS, fract.

distal third, healing (Cs))

BAUER, Jan; KRAJČ, Ladislav

Treatment of fractures of the femur neck with Smith-Petersen method.
Rozhl. chir. 36 no.8:551-554 Aug 57.

1. Chirurgická klinika LFUK v Košiciach, prednosta prof. Jan Knazovický.
Traumatologické oddelenie KUNM Košice, prednosta Jan Bauer.

(FEMUR NECK, fract.)

surg., Smith-Petersen technic, statist. (Cs))

BAUER, Jan; KOVACIK, M.

Fractures of the calcaneum & their treatment. Rozhl. chir. 36 no.8:
563-567 Aug 57.

1. Chirurgická klinika LF UK v Kosiciach, prednosta prof. Jan
Knažovický. Traumatologické oddelenie KUNZ Kosice, prednosta Jan Bauer.
(CALCANEUM, fract.
ther. (Cz)).

BAUER, J.;KRAUS, L.

Primary suture of injured tendons. Rozhl. chir. 39 no.1:39-43
Ja '60

1. Chirurgická klinika UK v Kosiciach, prednosta prof. MUDr.
Jan Knazovický Traumatologické oddelenie KUNZ - Kosice, prednosta
MUDr. Jan Bauer.
(TENDONS, wds. & inj.)

BAUER, Jan;STULLER, Julius

Experiences with Kuntzsch's intramedullary osteosynthesis. Rozhl.
chir. 39 no.1:51-56 Ja '60

1. Chirurg. klinika LFUK Kosice, prednosta prof. MUDr. Jan Kasovický
Traumatolog. odd. KUNĚ Kosice, prednosta prim. MUDr. Jan Bauer.
(FRACTURES, surg.)

BAUER, J.; KOVAC, M.

Contribution to methods of treatment of fractures of the trochanteric segment of the femur. Bratisl. lek. listy 43 Pt. 2 no.8:466-469 '63.

1. Chirurgická klinika Lek. fak. Univerzity P.J. Safarika v Kosiciach, veduci prof. MUDr. J. Knazovicky Traumat. oddelenie FN v Kosiciach, veduci MUDr. J. Bauer.
(FEMORAL FRACTURES) (FRACTURE FIXATION)

BAUER, J.; FAGULA, J.

On fractures of the diaphysis and proximal end of the humerus.
Bratisl. lek. listy 43 Pt. 2 no.8:459-465 '63.

1. Chirurgická klinika Lek. fak. Univerzity P.J. Safarika v
Košiciach, veduci prof. MUDr. J. Knasovický Traumatologické
oddelenie FN v Košiciach, veduci prim. MUDr. J. Bauer.

(HUMERAL FRACTURES) (FRACTURE FIXATION)
(FRACTURES, SPONTANEOUS)

BAUER, J.; BERKOVA, L.; DRAGOMIRESKY, A.; FIGAR, S.; KUCERA, J.; NAVAROVA, I.;
PFEIFFER, J.; SUSSOVA, J.

Objective evaluation of polyelektromyographic methods for kin-
ziological examination of the spine. Cesk. neurol. 27 no.4:
224-228 J1'64

1. Neurologicka klinika fakulty vseobecneho lekarstvi KU (Kar-
lovy university) v Praze (prednosta: akademik K.Henner); Biologicky
ustav fakulty vseobecneho lekarstvi KU v Praze a Fyziologicky ustav
CSAV [Ceskoslovenske akademie ved] v Praze (reditel: prof. dr.
Z.Servit).

PFEIFFER, J.; BAUER, J.; BERKOVA, J.; SUSSOVA, J.

Electromyography of the back and abdominal muscles in the initial stages of disorders of spinal dynamics. *Cesk. neurol.* 27 no.4:229-232 JI'64

1. Neurologická klinika všeobecného lékařství KU (Karlovy university) v Praze; přednosta: akademik K. Henner); Biologický ústav fakulty všeobecného lékařství KU [Karlovy university] v Praze a Fyziologický ústav CSAV [Československé akademie věd] v Praze (ředitel: prof. dr. Z. Servit).

BAUER, Jaroslav

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CZECH

Synthesis of 1-azadamanane. Rudolf Lukes, Vlastimil Galik and Jaroslav Bauer (Vysoká škola chem., Prague). Chem. Listy 48, 858-64. Collection Czechoslov. Chem. Commun. 19, 713-15 (1954) (in English). — Mesitylene (I) was oxidized to trimesic acid (II), the Et ester of which (III) was hydrogenated to *tri-Et hexahydrotrimesate* (IV). Reduction of IV with LiAlH₄ yielded 1,3,5-trimethylolcyclohexane (V) which was transformed to 1,3,5-tris(bromoethyl)cyclohexane (VI). The action of VI with NH₃ gave 1-azadamanane (VII). Adding with efficient stirring during 30 min. at 98° a hot soln. of 100 g. KMnO₄ in 500 ml. H₂O to 12 ml. I and 20 ml. H₂O, refluxing the mixt. 2 hrs., destroying the excess KMnO₄ with MeOH, filtering the MnO₂, and acidifying the filtrate to Congo red with HCl gave 10 g. (48%) II, m. 280° (from H₂O). Refluxing 1 hr. a soln. of 10 g. II in 150 ml. abs. with HCl, evap. the soln. *in vacuo*, and dilg. the residue with equal vol. H₂O gave 10.3 g. (73.6%) III, m. 135° (from EtOH). Hydrogenating 2 g. III in 10 ml. AcOH 20 hrs. over 0.4 g. PtO₂ gave, after vacuum evapn., 1.8 g. (91.8%) IV, m. 86.7°, b₂ 217-18°, b₃ 151°. Refluxing IV 3 hrs. with 13% HCl gave 97.5% *hexahydrotrimesic acid*, m. 216° (from H₂O). Adding a soln. of 1.5 g. IV in 15 ml. Et₂O to 0.8 g. LiAlH₄ in 100 ml. Et₂O, refluxing the mixt. 30 min., and decanting the mixt. with 1 ml. water and 5 ml. 10% H₂SO₄, pouring off the ether layer, etig. the ppt. in the aq. layer with EtOH, evap. the EtOH, and distg. the residue *in vacuo* gave 0.5 g. (69%) V, m. 102-3° (from dioxane), b₂ 175°. Heating 0.9 g. V 10 hrs. with 10 ml. 27% HBr in AcOH in a sealed tube on the steam-bath, dilg. the

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POPULATION

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mixt. with H₂O, and extg. with CHCl₃ yielded 1.0 g. (85.5%)
VI, m. 86-7°. Heating 1.5 g. VI with 12 ml. 20% NH₃ in
MeOH in a sealed tube at 145°, neutralizing the mixt. to
Me orange, filtering the soln. with C, evapg. to dryness,
extg. the residue with abs. EtOH to remove NH₄Cl, evapg.
the alc. ext. to dryness, dissolving the residue in 2 ml. H₂O,
treating the soln. with 5 g. p-MeC₆H₄SO₂Cl and, at 80°
with 30 ml. 15% NaOH, steam distg. the soln., titrating
the distillate with 2N HCl, and evapg. the soln. of the
salt to dryness gave 14.2% HCl salt which was transformed
to the picrate of VII, m. 300-1° (from H₂O). Decomp. the
picrate with HCl, and liberating the base with NaOH yielded
VII, m. 257-8° (sealed capillary) (purified by sublimation).
A crystallographic investigation of VII was carried out by J.
B. M. Hudlický

2/2

BAUER, J.

BAUER, J. Morphologic description of dimethylester of hexatetracontane-1,
16-dioic acid. p. 580 Vol. 50, no. 4, Apr. 1956. Praha,
Czechoslovakia.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

