

HOREJSI, J., Dr.

Effect of rivanol on serum proteins. Cas. lek. cesk. 91 no.24-25:
704-707 20 June 52.

1. Z Ustřednich biochemických laboratorí statní fakultní
nemocnice, Předn. prof. dr. J. Horejsi.

(ACRYDINE DYES, effects,

6,9-diamino-2-ethoxyacridine lactate, on blood
proteins)

(BLOOD PROTEINS, effect of drugs on,

6,-9-diamino-2-ethoxyacridine lactate)

HOREJSI, J.

*O hodnoceni laboratornich nalezu u infekcni hepatitidy. The assessment of laboratory findings in infectious hepatitis CAS. LEK. CES. 1953, 92/13 (353-355)

There is no specific test for infectious hepatitis. The liver possesses a very considerable functional reserve. In the prodromal stage the most important signs are enlargement of the liver, a positive urobilinogen test and, at the end of the first week of illness, a positive cephalin-cholesterol test. Later the thymol test becomes positive, but all these tests may be negative in true cases of the disease. In the 2nd stage, that of fully developed symptoms, tests are of considerable importance as indications of the course of the disease and for the purpose of differential diagnosis. In the 3rd or convalescent stage certain positive tests may indicate the need for caution and for continued rest. Prochazka - Prague (XI, 6, 7)

SO: EXCERPTA MEDICA, Vol. 8, No. 5, Section VI, May 1954

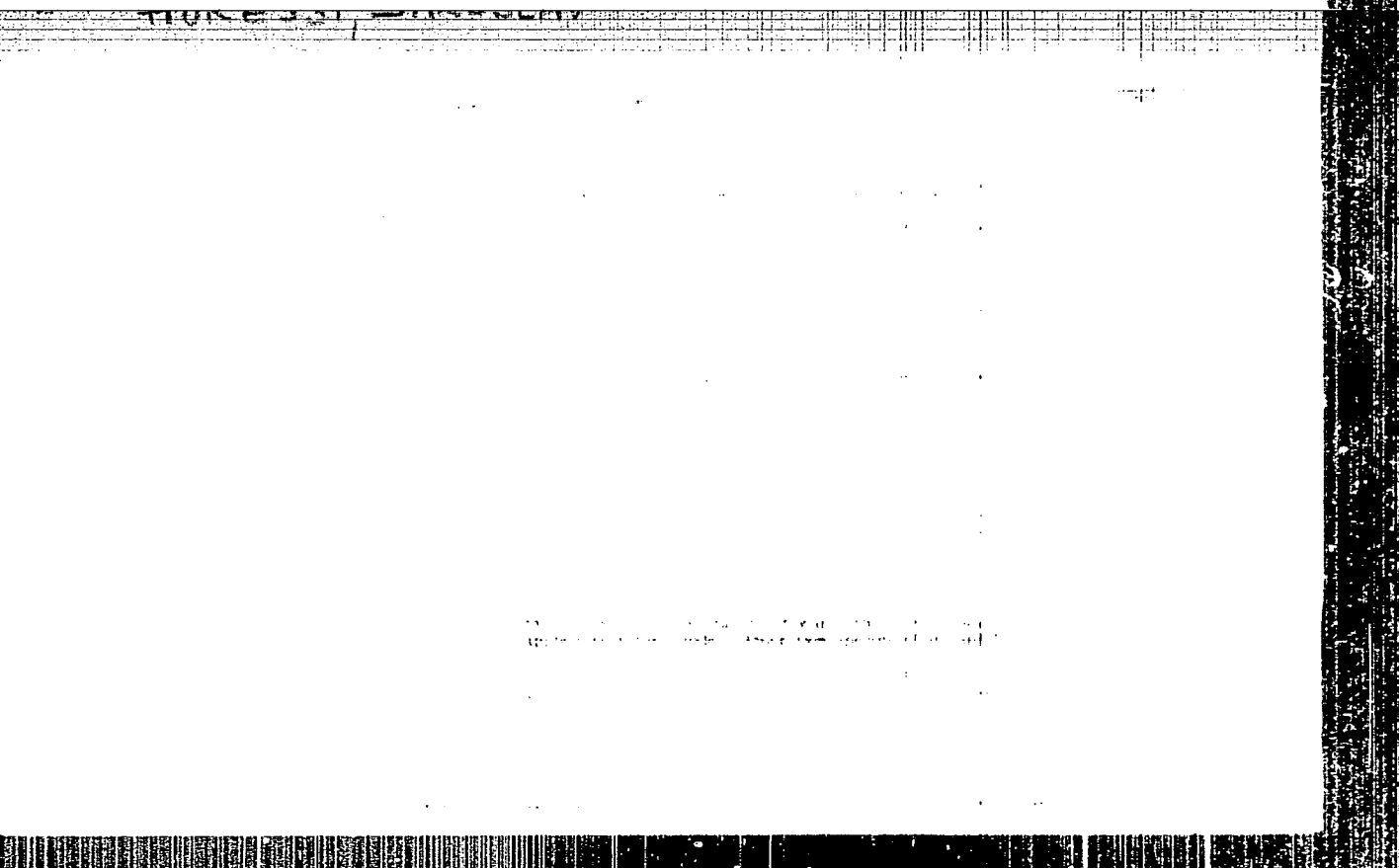
HORNOST, J.

"Establishment of a Biochemical Commission at the Physiological Section of the J.E. Purkyne Czechoslovak Medical Society." p. 107,
(CESKOSLOVENSKA FYSIOLOGIE, Vol. 3, No. 1, Jun. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEL), LC, Vol. 4
No. 5, May 1955, Uncl.

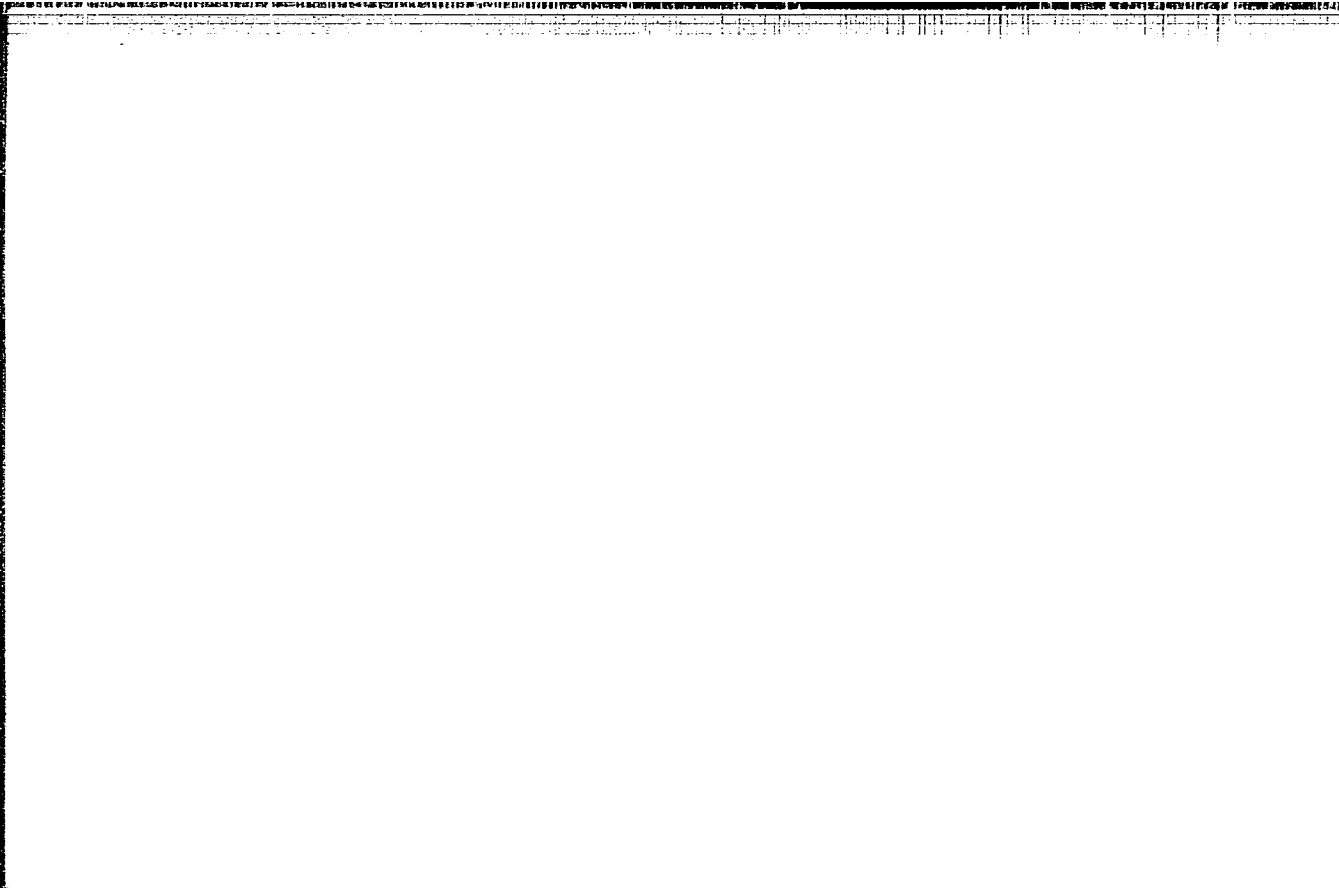
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CIA-RDP86-00513R000618120019-3"

HOREJSI, J., prof., dr

Certain results on the investigation on gamma globulin. Cesk.
gastroenter. 9 no.1:22-24 Mar 55.

(GAMMA GLOBULIN,
pharmacol.)

Evaluation of the functional state of liver by means of a working load. H. Frey and A. S. Gmür, *Swiss Med. Wkly* 1974, 94, 11-12.

... A balance of ... against the ... The ... 2250 mg changes were not found ...

... after the working load and remained lowered ... there was a transient increase of both ... The ... in healthy or symptom-free subjects, the ... in those with clinical and lab. signs of hepatic lesion.

I. M. Hais

HOREJSI, Jaroslav, Prof., MUDr.

Present problems of the central biochemical laboratory.
Česk. zdravot. 4 no.3:122-125 Mar 56.

1. Přednosta ústřední laboratorie fakultní nemocnice v Praze.
(LABORATORIES, MEDICAL,
biochem. (Cz))

HOREJSI, J.

HOREJSI, J. Report on the 3rd International Congress of Biochemistry held in Brussels, August 1-8, 1955. p. 491. Vol. 50, no. 3, Mar. 1956. CHEMICKE LISTY. Praha, Czechoslovakia.

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

CZECHOSLOVAKIA/Virology - Viruses in Man and Animals.

E-4

Abs Jour : Ref Zhur - Biol., No 15, 66950

Author : Horejsi, J., Mircevova, L., Sousek, R., Vanecek, K.

Inst

Title : Experiments with the Aldose Reaction in Diagnosing
Hepatitis.

Orig Pub : Vnitrni lekarstvi, 1957, 3, No 7, 580-587

Abstract : The aldose reaction is not specific for diagnosing infectious hepatitis. The aldose reaction is negative in the absence of liver damage, and gives a positive test on the third to fifth day after the onset of the disease.

Card 1/1

6

HOREJSI, J.

Problems of central biochemical laboratory. Cas. lek. cesk.
96 no.1:20-23 4 Jan 57.

1. Ustredni Biochemicke Laboratore, prednosta prof.

Dr. J. Horejsi.

(BIOCHEMISTRY

problems of central biochemical laboratory (Cs))

(LABORATORIES

same)

EXCERPTA MEDICA Sec 2 Vol 12/9 Physiology Sept 59

4141. GLUCOSE METABOLISM IN ERYTHROCYTES OF NORMAL SUBJECTS AND OF PATIENTS WITH INFECTIOUS HEPATITIS - *Hofejší J. and Mirčevová L.* Centr. Biochem. Lab., Fac. Hosp., Prague - *PHYSIOL. BOHEM.* 1958, 7/6 (540-545) Graphs 3 Tables 4 Illus. 1

Glycolytic activity is maintained both in haemolysed and in frozen erythrocytes. Glycolytic activity determined by the manometric method was lower than in the direct determination of lactic acid or glucose. A comparison of glucose metabolism in the erythrocytes of normal subjects and of patients with infectious hepatitis showed no significant difference in glycolysis. Hahn - Prague

HOREJSI, J.

50th year anniversary of Dr. Ant. Prosek. Cas. lek. cask. 97 no.19:
608 12 May 58.

(BIOGRAPHIES

Prosek, A. (Cz))

HOREJSI, J. (Praha 2, U nemocnice 1, UHKT)

Blood proteins and plasma substitutes. Cas. lek. cesk. 97 no.23-24:
729-731 6 June 58.

1. Ustav hematologie a krevni transfuse, reditel prof. Dr. J. Horejsi.
(PLASMA SUBSTITUTES,
(Cz))
(BLOOD DERIVATIVES,
(Cz))

EXCERPTA MEDICA Sec 2 Vol 12/11 Physiology Nov 59

5069. THE EFFECT OF FACTORS CONTAINED IN THE MEMBRANES OF RED BLOOD CELLS ON THE SHAPE OF THE DISSOCIATION CURVE OF HEMOGLOBIN - Hořejší J. and Komárková A. Inst. of Hematol. and Blood Transf.; Lab. of Protein Metab., Med. Fac., Charles Univ., Prague - CLIN. CHIM. ACTA 1959, 4/1 (391-392) Graphs 2 Tables 2

The dissociation curve of crystalline Hb is not influenced by glutathione in contrast to that of native blood. The effect of glutathione appears after the addition of the stroma of red blood cells. The dissociation curve is probably influenced by factors contained in this stroma. Carbonic anhydrase, the blocking of which significantly influences the shape of the dissociation curve, may be one of these factors.

HOREJSI, J.; KOMARKOVA, A.

Effect of erythrocyte stroma factor on hemoglobin dissociation curves.
Cesk. fysiол. 8 no.1:19-20 1959.

1. Ustav hematologie a krevni transfuse, laborator pro vyzkum bilkovin
lek. fak. KU, Praha.

(ERYTHROCYTES,

eff. of stroma factor on hemoglobin dissociation curves (Cz))

HOREJSI, J. (Czechoslowacja)

Biochemical aspects of infectious hepatitis. Przegł. epidem.,
Warsz. 13 no.1:85-93 1959.
(HEPATITIS, INFECTIOUS, metabolism,
(Pol))

HOREJSI, J. (Praha 2, U nemocnice)

Infectious hepatitis in the research picture of recent years. Cas. lek. cesk. 98 no.28:lek. veda zahr., 145-150 10 July 59.

1. Ustav hematologie a krevni transfuze, Praha, predmosta prof. dr. J. Horejsi.

(HEPATITIS, INFECTIOUS
review (Gz))

GORZHEYSHI, Ya. [Horejsi, J.], prof.

Some mechanisms of importance in oxyhemoglobin dissociation curves and their significance in the clinic. Probl.gemat.i perel.krovi no.9:30-35 '61. (MIRA 14:9)

1. Iz Instituta gematologii i perelivaniya krovi (dir. - prof. Ya. Gorzheyshi), Praga.
(HEMOGLOBIN)

HOREJSI, J.; CHUDOMEL, V.; JEZKOVA, Z.; KOUT, M.; SOUSEK, O. Technicka
spoluprace: POLACKOVA, Helena

Antibodies against the liver - their importance in the clinical aspects
of hepatopathy. I. Acute hepatitis. Cas.lek.cesk 100 no.38/39:1206-1213
29 S '61.

1. Ustav hematologie a krevni transfuze v Praze, prednosta prof. MUDr.
J. Horejsi, laborator pro metabolismus bilkovin fakulty vseob. lek. v
Praze, prednosta prof. MUDr. J. Horejsi, oddeleni inf. hepat. v Motole,
prednosta MUDr. O. Sousek.

(HEPATITIS immunol)

HOKE J S L, J.

1945

1/2

The following information was obtained from the files of the Central Intelligence Agency, Office of the Chief of Staff, Washington, D.C., on 10/10/45. It is being furnished to you for your information and is not to be disseminated outside your office.

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HOREJSI, Jaroslav

The role of glutathione in the red blood cell. Postepy. biochem.
8 no.4:541-551 '62.

(GLUTATHIONE)

(ERYTHROCYTES)

HOREJSI, J.; LEHKY, T.; NIKL, J.; ZMESKALOVA, D.; technicka spoluprace:
JEHLICKOVA, M.; STERBIKOVA, J.

Use of heterologous plasma with glutathione in exsanguinated experimental animals. Rozhl. chir. 41 no.10:662-666 O '62.

1. Ustav hematologie a krevni transfuze v Praze, reditel prof. dr.
J. Horejsi, DrSc.
(GLUTATHIONE) (BLOOD TRANSFUSION) (HEMORRHAGE)

HOREJSI, J.

2
CZECHOSLOVAKIA

HOREJSI, J; CHUDOMEL, V; JEZKOVA, Z.

Institute of Hematology and Blood Transfusion
(Ustav hematologie a krevni transfuze), Prague
- (for all)

Prague, Vnitřní Lékarství, No 3, 1963, pp 243-246

"Antibodies Against Liver Tissue: Their Clinical Significance in Liver Disease."

HOREJSE, J.

3

CZECHOSLOVAKIA

HOREJSE, J; CHUDOMEL, V; JEZKOVA, Z; FASSATI, M.

1. Institute of Hematology and Blood Transfusion
(Ustav hematologie a krevni transfuze), Prague;
2. Third Internal Medicine Clinic (III. vnitřní
klinika), Prague - (for all)

Prague, Vnitřní lékařství, No 4, 1963, pp 313-319

"Antibodies Against Liver - Their Clinical Significance
in Hepatic Disease."

HORESSI, J.

CZECHOSLOVAKIA

V. BRADAC, J. FIALA and E. JOSEK, Institute for Hematology and Blood Transfusion (Ustav hematologie a krevni transfuze,) Chief (reditel) prof. Dr. J. HORESSI, Dr. Sc. Prague.

"Saccharose as Erythrocyte Preservative."

Prague, Casopis Lekaru Ceskych, Vol 102, No 2, 11 Jan 63; pp 43-46.

Abstract [English summary modified]: Replacement of part of the glucose in the aqueous solution (containing also Na citrate and citric acid) which is added to human blood to be stored and preserved for 1 to 4 weeks does decrease hemolysis and osmotic erythrocyte fragility (in 0.6% NaCl) as well as glycolytic activity but it does not prolong survival of the RBCs in the circulation of the recipients of blood so preserved. Six tables, 3 graphs; 2 Czech, 1 Soviet and 11 Western references.

1/1

CZECHOSLOVAKIA

M. KOUT and E. ENDERLE, Institute for Hematology and Blood Transfusion (Ústav hematologie a krevní transfuze) Chief (veditel) Prof. Dr. I. MORFESSI DSc; and Experimental Therapeutics Research Institute (Výzkumný ústav experimentální terapie) Chief Docent Dr. O. SMAHEL, DSc; Prague.

"Anti-Kell Iso-Immunization."

Prague, Casopis Lékařů Českých, Vol 102, No 10, 8 Mar 63; pp 264-267.

Abstract [English summary modified]: Case report: woman aged 47 with chronic hypochromic anemia aggravated by 3 pregnancies, cholecystectomy requiring in all 23 transfusions over about 18 years. Authors theorize based on distribution frequency of Kell antigen (about 10%) that at least 2 donors were Kell-incompatible. Incomplete antibodies should also be sought when repetitive transfusions are required. Two tables, 2 Polish and 15 Western references.

1/1

HOREJSI, Jaroslav

Isoenzymes: significance of their studies in biology and medicine.
Chem listy 59 no.5:590-600 My '65.

1. Institute of Hematology and Blood Transfusion, Prague.

HOREJSI, J., prof. dr. s. JEZKOVA, P.

Auto-immunity and its significance for the development of the
posthepatitis syndrome. Cas. lek. cesk. 104, no. 14:376-379
9 Ap '65

1. Ustav hematologie a krevni transfuze v Praze (raditel:
prof. dr. J. Horejsi, DrSc.).

HOREJSI, J., prof. dr. DrSc.

On the tasks and methods of clinical biochemistry. Cesk. zdrav.
13 no.9:425-430 S '65.

1. Clen korespondent Ceskoslovenske akademie ved, reditel Ustavu
hematologie a krevni transfuze v Praze.

Hematology

CZECHOSLOVAKIA

UDC 616.155.392-036.12-097.5

MAJSKY, A.; Institute of Hematology and Blood Transfusions (Ustav Hematologie a Krevni Transfuze), Prague, Director (Reditel) Prof Dr J. HOREJSI.

"Anti-Jk^a Antibody in Patients with Acute Leukemia."

Prague, Casopis Lekarů Ceskych, Vol 105, No 43, 28 Oct 66, pp 1176 - 1178

Abstract [Author's English summary modified]: Occurrence of an antibody anti-Jk^a in the serum of a woman suffering from acute leukemia is discussed. The antibody was incomplete, complement-fixing detectable by indirect antiglobulin tests. The anti-Jk^a antibody was never before reported in Czechoslovakia. Antigen Jk^a was found in 67% of the examined patients. 1 Table, 16 Western, 3 Czech, 1 East German reference. (Manuscript received Sep 65).
1/1

Immunology

APPROVED FOR RELEASE: 09/21/2001 CIA-RDP86-00513R000618120019-3"

CZECHOSLOVAKIA

HOREJSI, Jaroslav; Corresponding Member of Czechoslovak Academy of Sciences, Chief of the Institute of Hematology and Blood Transfusions (Clen Korespondent CSAV, Prednosta Ustavu Hematologie a Krevni Transfuze), Prague.

"The Importance of the Autoimmune Processes in the Occurrence of Liver Lesions."

Prague, Casopis Lekarů Ceskych, Vol 105, No 52, 23 Dec 66, p 1415

Abstract: The article is an abstract of a paper submitted at a Meeting of the Society of Czech Doctors on 21 Nov 66. Author's practical experience is reviewed. The problem of antibodies against liver found in the human organism is discussed. The study of autoimmune processes from the point of view of diagnosis of liver diseases is described. No references.

HOREJSI, Josef, inz.

1962 Conference on Dams. Vodni hosp 12 no.11:456-457 N
'62.

1. Reditelstvi vodohospodarskeho rozvoje, Praha.

HOEJESI, M.; PETERA, V.

Homologous serum hepatitis. Cas.lek.cesk. 89 no.16:464-466 21 Ap '50.
(CML 19:2)

1. Clinic for Internal Diseases of Medical Faculty of Charles University, Branch in Pilsen (Pilsen (Head -- Prof. Jiri Scheiner, M.D., deceased)).

TOMSIKOVA, A.; SACH, J.; HOREJSI, M.; MECL, A.; MALY, V.; technicka spoluprace
NOVACKOVA, D.

Effect of mycotic flora on the development of chronic bronchitis. I.
Role of yeasts. Cas. lek. cesk. 101 no.45:1339-1348 9 N '62.

1. Ustav pro mikrobiologii a epidemiologii v Plzni, prednosta doc. dr.
J. Zahradnický Interni klinika lekarske fakulty KU v Plzni, prednosta
prof. dr. K. Bobek. Ustav pro organizaci zdravotnictvi v Praze,
prednosta prof. dr. F. Prosek.

(MYCOSES) (BRONCHITIS) (YEASTS)

HOREJSI, MILAN

Profily letajicich modelu. praha, Nase vojsko. (Profiles of model airplanes. illus., tables). Vol. 2, 1955, 72 p.

SO: Monthly List of East European Accessions, (FEAL), LC, Vol. 5, no. 2
February, 1956

1(2)

PHASE I BOOK EXPLOITATION

CZECH/2406

Hořejší, Milan

Aerodynamika létajících modelů; profil, křídlo, vrtule (Aerodynamics of Model Airplanes; Airfoil, Wing, and Propeller) Praha, Naše vojsko, 1957. 347 p. (Series: Knižnice leteckého modelářství, sv. 6) 1,400 copies printed.

Reviewers: Rudolf Pešek, Professor, Engineer, Doctor; Josef Hošek, Engineer, Doctor, Corresponding Member, Czechoslovak Academy of Sciences; and Dušan Konečný, Engineer, Doctor; Resp. Ed.: Karel Zelený.

PURPOSE: The book is intended for students of aircraft design and for makers of model airplanes.

COVERAGE: The book is a simplified presentation of the aerodynamic characteristics of airfoils, wings and propellers. This volume is the first of two. The author devotes himself in this volume to the analysis of aerodynamic forces and principles of propulsion. Part II will deal with actual flight performance and the essentials of design. The book contains numerous charts, figures, and tables. There are 36 references: 16 Czech, 2 Soviet, 11 German, and 7 English.

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Aerodynamics of Model Airplanes (Cont.)

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HOREJSI, M.

"4th European championship of free motor aircraft models."

p. 216 (Letecky Modelar) Vol. 8, no. 10, Oct. 1959
Prague, Czechoslovakia

SO: Monthly Index of E_astEuropean Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

~~GORBICHI, Milan~~ [Horejsi, Milan]

Our friendship is indestructible! Kryl.rod. 8 no.10:24 0 '57.
(MIRA 10:10)

1.Chlen prezidiuma TSentral'noy aviatsionnoy seksii pri
TSentral'nom Komitete SVAZARM.
(Czechoslovakia--Relations (General) with Russia)
(Russia--Relations (General) with Czechoslovakia)

HOREJSI, MILAN

10(0) 26(1) PAPER I BOOK REVOLUTION CENEL 2969

Ceskoslovenska Akademie Ved. Zakon technika
Proceedings of International Symposium (Flow through Turbomachinery) Praha, Bratislava
Mladá Boleslav, Ceskoslovenska Akademie Ved, 1958. 413 p. (Series: Iztis. Sbornik
zuzavna pro vyuknu stroju) Iztisna alip inserted. 1,250 copies printed.

Scientific Ed.: Jan Jirka, Engineer, Doctor, Corresponding Member of the Czechoslo-
vak Academy of Sciences; Insp. Ed.: Ladislav Krtina; Tech. Ed.: Mil. Praustlik
Koudlik.

PURPOSE: This collection of papers is intended for engineers and scientific
workers in the field of turbomachinery.

COVERAGE: The collection covers turbomachinery theory, investigations of the
flow of working substance in basic elements of turbomachines, phenomena ac-
companying flow and variable with time, and investigations of various problems
on experimental machines and models. A Russian and an English summary follows
each paper. No personalitis are mentioned. There are 189 references: 17
Czech, 51 English, 36 German, 20 Russian, and 1 Dutch.

2. Bergner, P., Engineer, CSD Stalinska, Optimizing Solving of the Inlet
to the Impeller of a Turbocompressor with Limit Performance
Discussion: Buzina, Ladislav, Engineer, VZLJ (Vytiskovy a Zkoubovi
Ladsky Instytut-Buena) Ceskoslovenska Akademie Ved, Praha

3. Horejsi, Milan, Engineer, Doctor of Technical Sciences, VUT.
Discussion: Horejsi, Milan, Doctor of Technical Sciences, VUT.
With Russian Summary of Certification
Discussion: Horejsi, M., Engineer, Doctor, VZLJ

II. FLOW RESEARCH IN BASIC ELEMENTS
OF TURBOMACHINERY

4. Jirka, Jan, Engineer, VUT. Systematic Research on Airfoil
Discussion: Jirka, Jan, Engineer, Doctor, VUT.
Discussion: Jirka, Jan, Engineer, Doctor, VUT.
Discussion: Jirka, Jan, Engineer, Doctor, VUT.

5. Jirka, Jan, Engineer, VUT. Methods of Research on Airfoil
Discussion: Jirka, Jan, Engineer, Doctor, VUT. (The First Part)
Discussion: Jirka, Jan, Engineer, Doctor, VUT. (The Second Part)
Discussion: Jirka, Jan, Engineer, Doctor, VUT. (The Third Part)

6. Jirka, Jan, Doctor C. J. (Civil Aeronautics) VUT. In-
vestigation of Blading in High-speed Turbomachinery
Discussion: Jirka, Jan, Doctor C. J. (Civil Aeronautics) VUT.

7. Jirka, Jan, Doctor, Engineer, VUT. (V. I. Lenin Works, Pilsen).
Evaluation of Measurements of Airfoil Curvature and Use of
Analog Computer
Discussion: Jirka, Jan, Doctor, Engineer, VUT. (V. I. Lenin Works, Pilsen).
Czech Academy of Sciences). Basic Functional Elements of the Analog
Analog Computer

8. Jirka, Jan, Engineer, VUT. (Mechanical Research Institute) VUT.
Discussion: Jirka, Jan, Engineer, Doctor, VUT. (Mechanical Research Institute) VUT.
Discussion: Jirka, Jan, Engineer, Doctor, VUT. (Mechanical Research Institute) VUT.

9. Jirka, Jan, Engineer, VUT. Self-excited Vibrations of
Blades in Turbomachinery
Discussion: Jirka, Jan, Engineer, Doctor, VUT. (Mechanical Research Institute) VUT.

S/124/62/000/001/014/046
D237/D304

AUTHOR: Hořejší, Milan
TITLE: Profile lattice and an isolated profile
PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 1, 1962,
34, abstract 1B226 (Státní výzk. ústav tepelné
techn. Prague, SNTL, 1958, 53-69)

TEXT: A comparison is given of experimentally determined characteristics of an isolated profile and lattice of profiles. The results obtained demonstrate the influence of the spacing of the lattice and of the angle of setting the profiles on the coefficients of energy loss and of a normal force, and the angle of rotation of the flow in the compressor and turbine lattices. In particular, it is shown that the angular coefficient of the normal force of an isolated profile for the investigated profiles and lattices is larger than the corresponding coefficient of compressor and turbine lattices. [Abstracter's note: Complete translation.] ✓

Card 1/1

HOREJSI, M.

PHASE I BOOK EXPLOITATION

Z/6284

Jerie, Jan, ed., Engineer, Doctor, Corresponding Member of the Czechoslovak Academy of Sciences

Základní problémy ve stavbě spalovacích turbin (Basic Problems in the Construction of Gas Turbines [collection of articles]). Prague, Nakl. ČAV, 1962. 627 p. 1600 copies printed.

Sponsoring Agency: Československá akademie věd.

Ed. of Publishing House: Marie Moravcová; Tech. Ed.: František Konečný.

PURPOSE: The book is intended to familiarize turbine designers with recent developments in the design of gas turbines and to present some research results which may be helpful in designing more efficient turbines.

COVERAGE: The book comprises articles by leading Czechoslovak turbine experts on thermodynamic cycles, flow research in turbine components,

burning of fuel in combustion chambers, axial compressors, and characteristics of turbines manufactured in Czechoslovakia.

Basic Problems in the Construction (Cont.)	z/6284	36
L. Svršek (Research Institute for Crude Oil and Hydrocarbon Bases, Bratislava). Heavy Fuel Oils for Gas Turbines		251
P. Gröbner (Modřany Machine Plant, Modřany). Corrosion by Combustion Products in Gas Turbines		279
L. Špaček and M. Růžicka (State Research Institute for Heat Engineering, Prague). A Proposed System for Subsonic Gas Turbine Cascades		295
M. Hořejší (State Research Institute for Heat Engineering, Prague). Aerodynamics of Turbine Cascades in the Subsonic Region		309
J. Bukovský (Technical University for Machine Building and Electrical Engineering, Plzeň). Some Properties of Compressor Cascades at High Flow Velocities		335

Card 5/8
3/2

HAVLIK, J.; BORIK, O.; FIDLER, J.; HOREJSI, P.

Hemophilia as a cause of respiratory obstruction. Cesk. pediat. 17
no.11:1000-1004 N '62.

1. Detske oddeleni OUNZ v Karlovych Varech, prednosta dr J. Fidler
Otolaryngologicka oddeleni OUNZ v Karlovych Varech, prednosta dr.
O. Borik.

(HEMOPHILIA)

(RESPIRATORY INSUFFICIENCY)

FRIEDRICH, V., inz.; HOREJSI, S., inz.

Wear resisting wheels for Czechoslovak railway cars; discussion.
Hut listy 17 no.10:729-732 0 '62.

AUTHOR: Konejši, V. (Graduate engr.; Prague)

SOURCE CODE: GE/0046/65/000/011/0422/0425

11
B

ORG: none

TITLE: Research in freeze drying in Czechoslovakia

SOURCE: Lebensmittel-Industrie, no. 11, 1965, 422-425

TOPIC TAGS: refrigeration equipment, blood plasma, food technology

ABSTRACT: In Czechoslovakia, the Research Institute for the Construction of Food and Refrigeration Machines (Forschungsinstitut für Lebensmittel- und Kälteanlagenbau VUZVU) was commissioned to do research and development work in the field of machinery for freeze drying. In 1952-54, the firm "Frigeria" constructed a freeze-drying machine for liquids, and in 1963-64 larger and improved installations for the freeze-drying of liquid and solid substances were developed by the same firm. In 1954-59 the ZVU Research Institute developed two special installations for the drying of blood plasma. An experimental installation of rivet pipe consisting of a drying chamber and an ice condenser was also developed for confirming theoretical considerations concerning the drying process. Of the various heat-input methods (unilateral heat conduction by electrically heated aluminum plates; heat radiation by electrically heated ceramic radiators; bilateral contact heat input by pressing the material between

Card 1/2

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ACC NR: AP6009165

0

heated plates; and the electric heating by microwave energy) radiation heating proved most satisfactory by achieving the shortest drying time. The results were used for the development of a large-scale freeze-drying installation now being employed in the state-owned firm of Vitana Bysice for the determination of various technical parameters. The ZVU Research Institute also produced a laboratory installation for freeze-drying experiments. Beginning in 1960, it is to be produced in series with a capacity of 7 kg of fresh substance per charge. For large large-scale industrial installations either a parallel assembly of chambers or a tunnel arrangement was suggested. Experience at home and abroad seems to favor the former solution. Orig. art. has: 7 fig. and 2 tables.

SUB CODE: 14,13/ SUBM DATE: none

Card 2/2 CC

HOREJS, Jiri; SVOBODA, Josef; PECINA, Vaclav; HORACEK, Rudolf; HOREJSOVA, Milena

Reports of the branch organizations of the Association of Czechoslovak
Mathematicians and Physicists. Pokroky mat fyz astr 7 no.2:122-126
'62.

HOREL, J.

"Effect of plant nutrition on the quality of crops." (p. 329)
ZA SOCIALISTICKE ZEMEDLSTVI. (Ministerstvo zemedelstvi a Ckoslovenska
akademie zemedelskych ved) Praha. Vol. 4, No. 4, Apr. 1954.

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

HOREL, J.

Institutes of agricultural research in the German Democratic Republic; experience from a trip.

p. 210
Vol. 3, no. 4, 1956
BESEDA VENKOVSKÉ RODINY
Praha

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 12
December 1956

HOREL, J.

Notes of an agricultural chemist on Hungarian research work.

p. 243
Vol. 3, no. 5, 1956
HESEDA VENKOVSKÉ RODINY
Praha

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 12
December 1956

CZECHOSLOVAKIA/Cultivated Plants - Decorative.

M-8

Abs Jour : Ref Zhur - Biol., No 3, 1958, 11167

Author : Horel, J.

Inst : -

Title : Plant Odors.

Orig Pub : Ziva, 1956, 4, No 4, 131-132

Abstract : An examination is made of the chemical and physiological nature of odors and their significance in the life of the plants.

Card 1/1

HOREK, J.

Rostik, K. Asynchronous motors in power distribution and industry. p. 150.
ELEKTROTECHNIK, Praha, Vol. 10, no. 5, May 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

LIST AND INDEX SYSTEM
PROCEDURES AND PROPERTIES INDEX

MOREL, J.

17

Lichen from Evernia prunastri. JAN HONST. Chem. Abstr. 5, 322-4(324-5 English)(1930).—A lichen of Evernia prunastri growing in Slavonian forests on leafy trees and Coniferae is described which serves as a raw material for the manufacture of an aromatic essential oil, called essence de mousses de chêne. This lichen, exported from Czechoslovakia to France, is extracted with low-boiling solvents, purified and decolorized. One hundred kg. of the lichen yields 0.2-0.3 kg. raw ext. and 20-30 g. pure essential oil. The chem. compn. of the oil is briefly discussed. J. Krizan.

450-55A METALLURGICAL LITERATURE CLASSIFICATION

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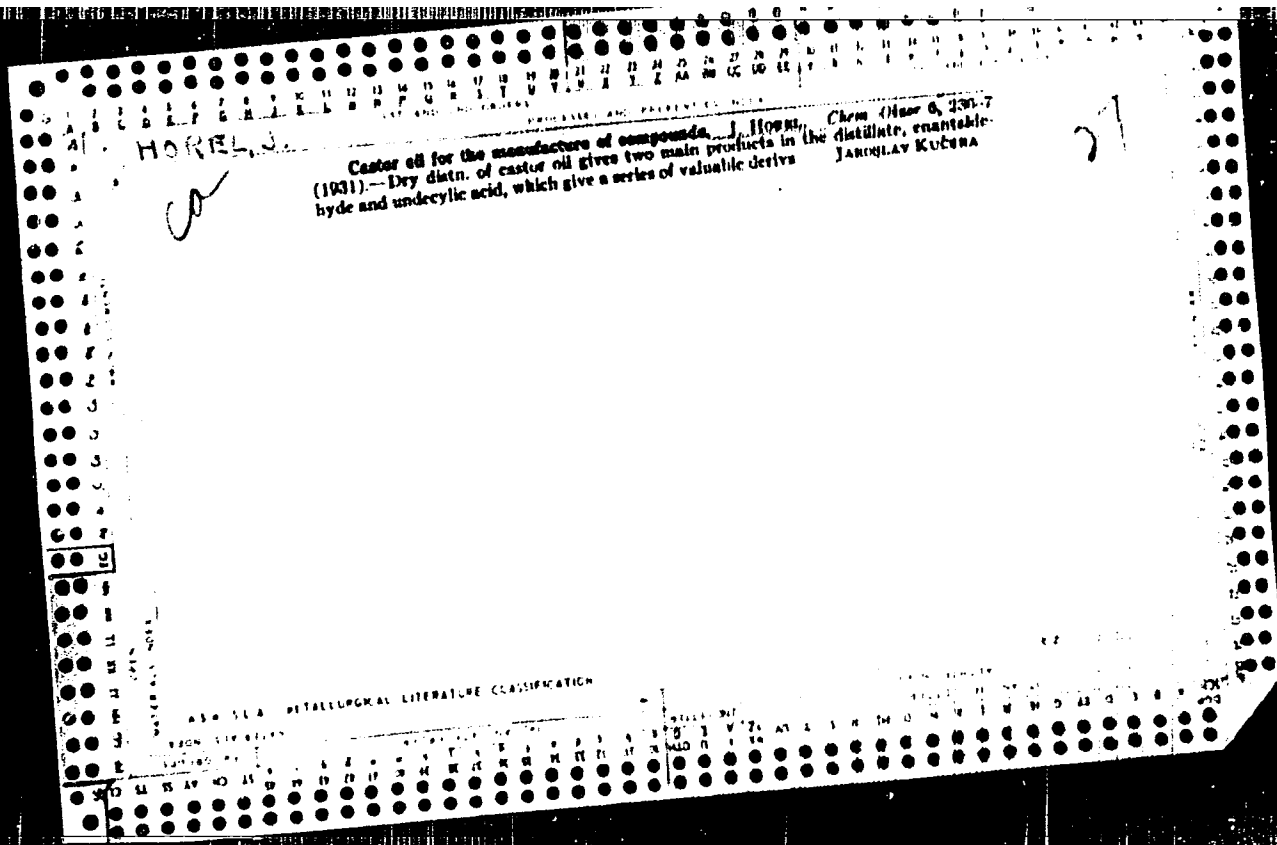
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ca

PROCESSING AND PROPERTIES INDEX

Czechoslovakian hop oil and its practical utilization
Nebavinsky and Hurel. *Chemical industry Special*
No. 1208-13 (June, 1933).—Analyses are given of no. of
oils obtained by distg. Czechoslovakian hops of the 1930
and 1931 crops, and discussed from the standpoint of their
possible utilization in the beverage, perfumery and soap
industry, and ultimately also in medicine. A. P.-C.

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ASS-5LA 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
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DD DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GG GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HR HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LL LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NM NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OO OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UU UV UW UX UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VU VV VW VX VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WU WV WW WX WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YY YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ

12

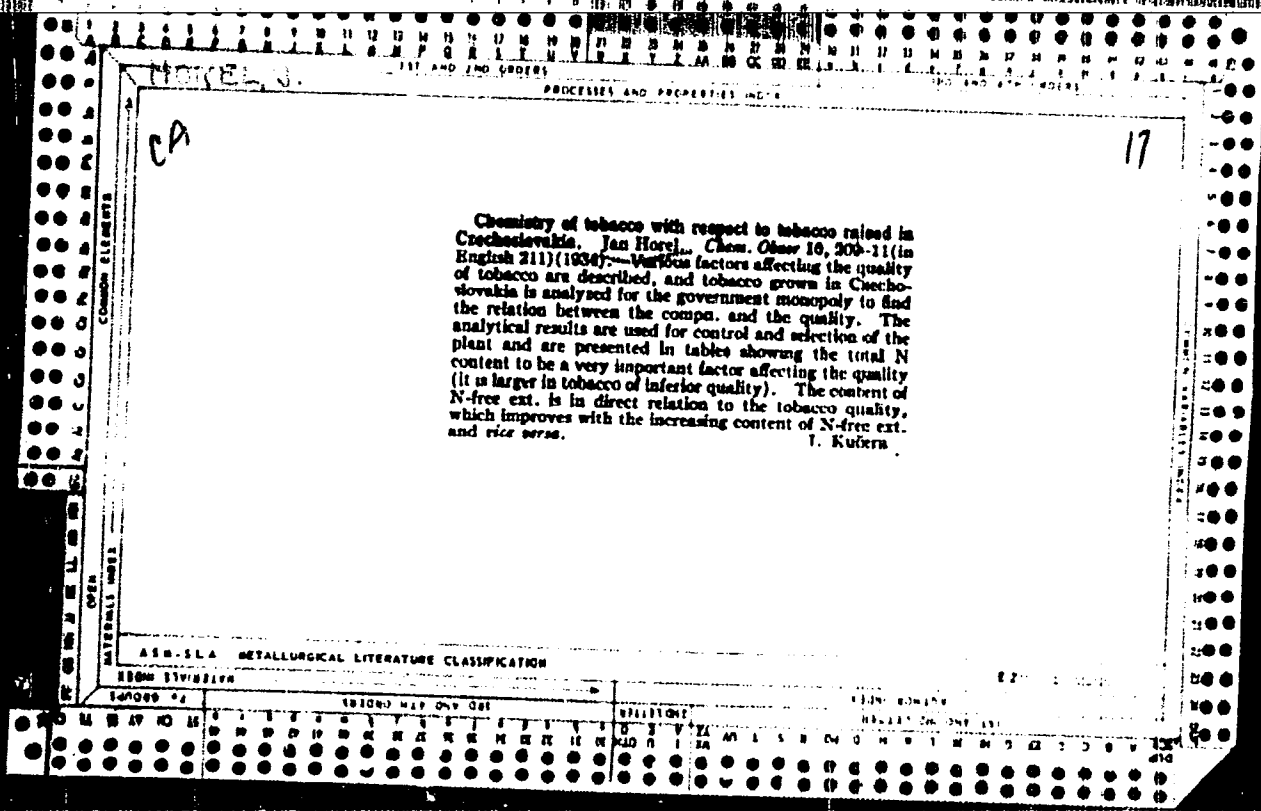
HOVEL, J.

cb

Feasibilities of industrial utilization of domestic soy beans. Jan. Hovel. Chem. Abstr. 9, 61-7(1934).--Soy beans cultivated in Czechoslovakia contain an av. of 17% of oil (d₄ 0.926, sapon. no. 197.4, I no. 181.7, acidity 1.9 and viscosity (Sogier) 8.5 at 70°), 30% di-ovalbium proteins and 1.0-3% leithin. J. Kulera

ASD 33.4 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



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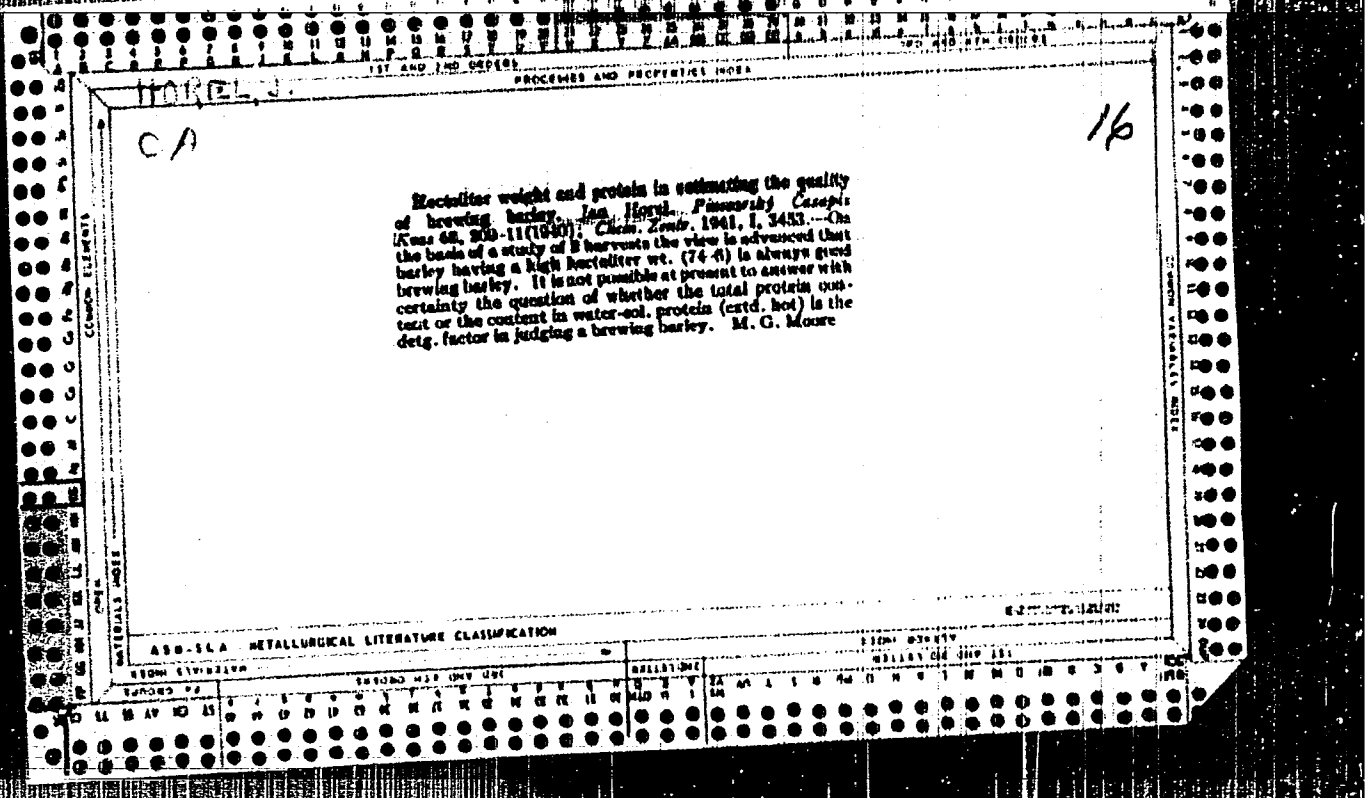
HOREL, J.

Chemical method for a rapid determination of alkaloid content of sweet lupines the breeding. H. Kuzel and J. Horel. *Stavak. Českoslov. Akad. Zemedelsk 10, 91-8 (1963) (1963)*. Dissolve 0.8 g. KI and 1.4 g. I and dil. to 1000 cc. with dist. H₂O. This soln. gives a color reaction with alkaloids when these are present in about 0.1% concn. For further info. for solns. contg. under 0.1% alkaloids use a stronger soln. made up of 1.2 g. KI and 0.6 g. I and dil. to 1000 cc. with dist. H₂O. J. Kuzel

COMMON ELEMENTS

UNIVERSAL NOTS

ASB SIA METALLURGICAL LITERATURE CLASSIFICATION



PLANTING

Rubber Abstracts

HOREL, J.

Application of the differential extractive method in the analysis of plants for the estimation of resins and rubber. J. HOREL (Chem. Abstr., 1914, 23, 1078; Chem. Abs., 1919, 43, 1000). The empty extraction tubes are dried for 3 hr. at 102° and weighed. They are weighed again with the sample after drying for 5 hr. at 65°. The first extraction is made with acetone for at least 12 hr., followed by drying for 3 hr. at 65° and weighing. The loss in weight is resin. The second extraction is done with chloroform for 24 hr., followed by drying 3 hr. at 65°. The loss in weight is rubber. The main advantage of this method is that many samples can be extracted at one time in an apparatus and with one filling of the solvent. 1501

1749

CHYTRY, Vladimír; HORENÍ, Alena; DOLEZEL, Břetislav

Microscopic examination of the electrolyte penetration in epoxy and polyester resins. Chem prum 13 no.3:145-167 Mr '63.

1. Statni vyzkumny ustav ochrany materialu G.V. Akinova, Praha.

HORER, O.

Role of surfaces in colloid systems and methods of evaluation. p. 111.

STUDII SI CERCETARI DE FIZICA. Bucuresti. Vol. 6, no. 1, Jan/Mar. 1955.

So. East European Accessions List Vol. 5, No. 8 August, 1956

HORER, O.

Factors influencing the molecular weight of glycogen. Preliminary note. p. 339.

Academia Republicii Populare Romine. STUDII SI CERCETARI DE CHIMIE.
Bucuresti, Rumania. Vol. 6, no. 2, 1958.

Monthly List of E ast European Accessions (EEAI) Vol. 8, no. 7, July 1959.

Uncl.

ANGELESCU, E.; HORER, O.

Study on the phenomenon of turbidity hysteresis during the process of gelation, and the reverting into sol of the 0,1 molal sodium stearate. Note I. Studii cerc chim 8 no.3:387-398 '60.
(EEAI 10:9)

1. Centrul de cercetari chimice al Academiei R.P.R., Sectorul colozii, Bucuresti. 2. Membru corespondent al Academiei R.P.R.; Comitetul de redactie, Studii si cercetari de chimie (for Angelescu).

(Turbidity) (Hysteresis) (Gelation) (Colloids)
(Sodium stearate)

ANGELESCU, E.; HORER, O.

Study on the hysteresis phenomenon of turbidity in the process of gelation and reversion to sol of sodium stearate at 0,1 molar.
Note II. Studii cerc chim 9 no.1:69-84 '61. (BEAI 10:9)

1. Centrul de cercetari chimice al Academiei R.P.R., Sectorul coloizi, Bucuresti. 2. Membru corespondent al Academiei R.P.R.; Comitetul de redactie, Studii si cercetari de chimie (for Angelescu).

(Hysteresis) (Turbidity) (Sodium stearate)

NICOLAU, Claude; HORER, Oswald; THOMAS, Ernest; STROESCU, Eugenia
PASCARU, Iancu

Free radicals in enzymatic reactions. Pts. 1-2. Rev chimie
Roum 9 no. 4:319-329 Ap '64.

1. Research Center of the Ministry of Health, Bucharest.

HORER, Oswald I.

Gelatinization of sodium stearate hydrocols in the electric field.
Rev chimie Roum 9 no.10:645-649 0 '64.

1. Laboratory of Colloidal Chemistry of the Research Center for
Organic Chemistry of the Romanian Academy, 89 Splaiul Independentei,
Bucharest.

HORER, Oswald; THOMAS, Ernest; MITRA, Maria; NICOLAE, Claude

Free radicals in enzymic reactions. Pt. 3. Rev chimie Roum. 9
no.12:871-878 D '64.

1. Research Center of the Ministry of Health and Social Welfare,
Bucharest. Submitted June 28, 1964.

HORER, Oswald L.

Gelatination of the hydrosols of sodium stearate in the electric field. Studii cerc chim 13 no.10:675-679 O '64.

1. Colloid Laboratory of the Organic Chemistry Research Center of the Rumanian Academy, Bucharest, 89 Splaiul Independentei.

HORER, Oswald; THOMAS, Ernest; MIRA, Maria S.; NICOLAU, Claude

Free radicals in enzymatic reactions. Pt.3. Studii cerc
chim 13 no.12:913-921 D '64.

1. Laboratory of Physical Chemistry, Institute of Inframicrobiology
of the Rumanian Academy, Bucharest, 285 Sos. Mihai Bravu (for
Horer). 2. Research Center of the Ministry of Health and Social
Welfare, 37 C.A.Rosetti Street (for Thomas, Mira, Nicolau).

ANGELESCU, E.; HÖRER, O.

Some conductometric data on the hysteresis phenomenon of turbidity in the process of the gelation and return to sol of the 0,1 molal sodium stearate. Studii cerc chimie 10 no.2:151-155 '62.

1. Centrul de cercetari chimice al Academiei R.P.R., Sectia chimie fizica, Bucuresti. 2. Membru corespondent al Academiei R.P.R. si memora al Comitetului de redactie, "Studii si cercetari de chimie" (for Angelescu).

ANGELESCU, E.; HORER, O.

Thermal effects on the hysteresis phenomenon of the turbidity in the gelling process and the returning to Na-stearate 0,1 molal sol. Studii cerc chim 10 no.3/4:325-336 '62.

1. Membru corespondent al Academiei R.P.R. (for Angelescu).
2. Centrul de cercetari chimice al Academiei R.P.R., Sectia de chimie-fizica, Bucuresti.

ANGELESCU, E.; HORER, O.

Dilatometric thermal analysis data on the hysteresis phenomenon of the turbidity in the gelling process and returning to Na-stearate 0,1 molal sol. Studii cerc chim 10 no.3/4:337-344 '62.

1. Membru corespondent al Academiei R.P.R. (for Angelescu). 2. Centrul de cercetari chimice al Academiei R.P.R., Sectia de chimie-fizica, Bucuresti.

NICOLAU, Cl.; HORER, O.; THOMAS, E.; STROESCU, E.; PASCARU, I.

Free radicals in enzymatic reactions. Pt.1. Studii cerc chim
12 no. 4:319-323 Ap '64.

1. Research Center of the M.S.P.S.

NICOLAU, Cl.; THOMAS, E.; HORER, O.; STROESCU, Eugenia.

Free radicals in enzymatic reactions. Pt. 2. Studii cerc
chim 12 no. 4:325-329 Ap '64.

1. Research Center of the M.S.P.S.

PORTOCALA, R.; SAMUEL, I.; POPA, L.; PRAHOVEANU, E.; BILLET, S.; HOREZ, O.

Comparative biological and physico-chemical studies of some nucleic acids exposed to the action of heat. Stud. cercet. inframicrobiol. 15 no.5:423-440 '64.

I. 36283-66 SWP(j) Pn

ACC NR: AP6029180

SOURCE CODE: RU/0003/65/017/002/0110/0110

AUTHOR: Horescu, I.

ORG: none

TITLE: Laboratory installation with automatic regulation devices R sub 3 for work with ion exchangers under dynamic conditions

SOURCE: Revista de chimie, v. 17, no. 2, 1966, 110

TOPIC TAGS: ion exchange, chemical laboratory apparatus, automatic regulation

ABSTRACT: The author describes a device to be used with ion exchange columns to maintain a constant liquid level and assure a constant flowing volume. The device is simple to construct and operates automatically. [JPRS: 36,556]

SUB CODE: 07 / SUBM DATE: none

Card 1/1 JS

0917 2797

JIRASEK, J.; HORFISOVSKY, J.

Intrapulmonary injuries as sequelae of thoracic compression.
Rozhl. chir. 44 no.11:778-789 N 165.

1. Chirurgické oddelení Obvodního ústavu národního zdraví
(vedoucí MUDr. J. Vrbský).

CZECHOSLOVAKIA

FRANC, Z.; HORESOVSKY, O.; KRAUS, P.; Research Institute for Pharmacy and Biochemistry, Prague. [Orig. version not given].

"A Biochemical Study with S³⁵-Prothiadene."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, pp 355 - 356

Abstract: The efficacy of prothiadene was determined; it is lower than imipramine N but its therapeutic effect is more rapid. Absorption, distribution in the organism, and elimination from the body were investigated. The amount of S³⁵ was determined by the liquid scintillation technique. The lowest activity was found in the brain, the highest in the liver. Lung tissue shows a great affinity for prothiadene. Maximum concentrations in various organs are reached in 1-6 hours after administration. Highest urinary excretion takes place in the first hours after administration, but is detectable for 48-72 hours. Female rats adsorbed 30% of the amount administered, male rats 50%. Some excretion via the bile was also observed. The biotransformation of prothiadene is similar to that of imipramine. 1 Figure, no references. Submitted at the 8th Annual Psychopharmacological Meeting at Jesenik, 18-22 Jan 66.

1/1 Article is in English.

HORESCU, I.

B-9

RUMANIA/Physical Chemistry - Kinetics, Combustion,
Explosions, Topochemistry, Catalysis.

Abs Jour : Ref Zhur - Khimiya, No 5, 1958, 13826

Author : I. Horescu.

Inst : Academy of Sciences of Rumania, Timisoara Base.

Title : Theoretical Considerations Concerning Application of
Moving Metal Grids at Heterogeneous Catalysis.

Orig Pub : Studii si cercetari stiint. Acad. RPR. Baza Timisoara.
ser. stiinte chim., 1956, 3, No 1-2, 121-127

Abstract : The part of the diffusion transfer of substance in hete-
rogenous catalytic reactions is discussed. Ways to di-
minish the diffusion film thickness are shown. It is
shown that the application of metal grids and, especially,
of moving metal grids (vibrating or rotating) considera-
bly decreases the deceleration by diffusion. The

Card 1/2

RUMANIA/Physical Chemistry - Kinetics, Combustion,
Explosions, Topochemistry, Catalysis.

B-9

Abs Jour : Ref Zhur - Khimiya, No 5, 1958, 13826

The conclusions arrived at are confirmed by the example
of NH_3 oxidation on Pt grids.

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The possibility of autothermal oxidation of methanol with the aid of formaldehyde. Studii chim Timisoara 9 no.3/4:321-333 J1-D '62.

ACC NR: AF6623178

SOURCE CODE: RU/0003/55/11/0001/00/00/00

AUTHOR: Hershen, I.

ORG: none

TITLE: Laboratory R sub 1 gas meter with automatic flow recording

SOURCE: Revista de chimie, v. 16, no. 2, 1965, 96-97

TOPIC TAGS: flow meter, laboratory instrument

ABSTRACT: A description of the construction and operation of a laboratory gas meter that can be used for a wide range of processes. The device which is simple to use and calibrate, consists of a cylinder with a regulating valve at the top, an arrangement for introducing the liquid under constant pressure, and a tap at the bottom for gas admission and liquid evacuation. Electric, optic or magnetic or mechanical devices can be incorporated. Orig. art. has: 3 figures. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 09 / SUBM DATE: none

Card 1/1

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1389

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Chromatographic separation of amino acids in the *tert*-butanol-borate buffer (pH 8.5) system. Ivo M. Hajs and Oldřich Horstovský (Vědecký Ústav Farm. Biochem., Prague, Czech). *Chem. Listy* 48, 549-51 (1954). Solvent system *tert*-BuOH-borate buffer is used for sepn. those amino acids the sepn. of which in other systems is difficult. The solvent is composed of 85 parts *tert*-BuOH liquefied with 5% H₂O, and of 15 parts of a buffer (pH 8.5) prepd. by dissolving 4.143 g. H₃BO₃ and 5.0 g. KCl in 0.5 l. H₂O, by adding a soln. of complexon III (0.15 g. in 114 ml. 0.1N NaOH), and by bringing the pH to 8.5 with 0.1N NaOH. Detection was carried out by a soln. consisting of 9 parts 0.2% EtOH soln. of ninhydrin with 1 part AcOH. The sepn. of amino acids having low R_f can be improved by repeated development. M. Hudlická

18-15-54

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"New Aspects in Hepatology."

Co-author:

HORGA, M., MD, Member of staff of the Reghin Raion Hospital.