On boundary values of the ...

$1 < p < 2$. Then $\int_0^{2\pi} |f(s+h) - f(s)|^2 \, ds \leq M/h/^{\frac{3p-2}{p}}$, where M is a constant and $\frac{3p-2}{p} > 1$. As proof the author states: Let $\gamma_n = \sum_{k=n}^{\infty} (a_k^2 + b_k^2)$ Then (6) follows

$$\gamma_n = \left[\left(\sum_{k=n}^{\infty} (k/a_k/)^q \right)^{\frac{2}{q}} + \left(\sum_{k=n}^{\infty} (k/b_k/)^q \right)^{\frac{2}{q}} \right] \left(\sum_{k=n}^{\infty} \frac{\cdot}{k^{q-2}} \right)^{\frac{1-2}{2}}$$. It follows

that

Card 11/13

On boundary values of the ...

$\gamma_n \leq \frac{N}{n^{\frac{a+2}{q}}}$, where N is a constant. Then (7) is valid

$$\int_0^{2\pi} [f(s+h) - f(s)]^2 \, ds \leq \pi h^2 \sum_{k=1}^{[1/h]} (a_k^2 + b_k^2) k^2 + 4\pi \sum_{k=1+[1/h]}^{\infty} (a_k^2 + b_k^2)$$

Finally it follows from (7) that $\int_0^{2\pi} [f(s+h) - f(s)]^2 \, ds \leq M h^{\frac{q+2}{q}}$, and $\frac{q+2}{q} = \frac{3p-2}{p} > 1$, and this proves the theorem.

Card 12/13

21374

Z/026/60/005/003/002/005
On boundary values of the ... D221/D302

There are 6 references: 3 Soviet-bloc and 3 non-Soviet-bloc. The reference to the English-language publication reads as follows: R. Courant, Dirichlet's principle, conformal mapping and minimal surfaces. New York 1950.

SUBMITTED: March 3, 1959

Card 13/13

DVORZHAK, Yaroslav [Dvorak, Jaroslav] (Praga); NECHAS, Indrzhikh [Necas, Jindrich] (Praga)

Determining the stress in a rectangular wedge by superposing the semiplane stress conditions. Rev math pures 7 no.3:467-480 '62.

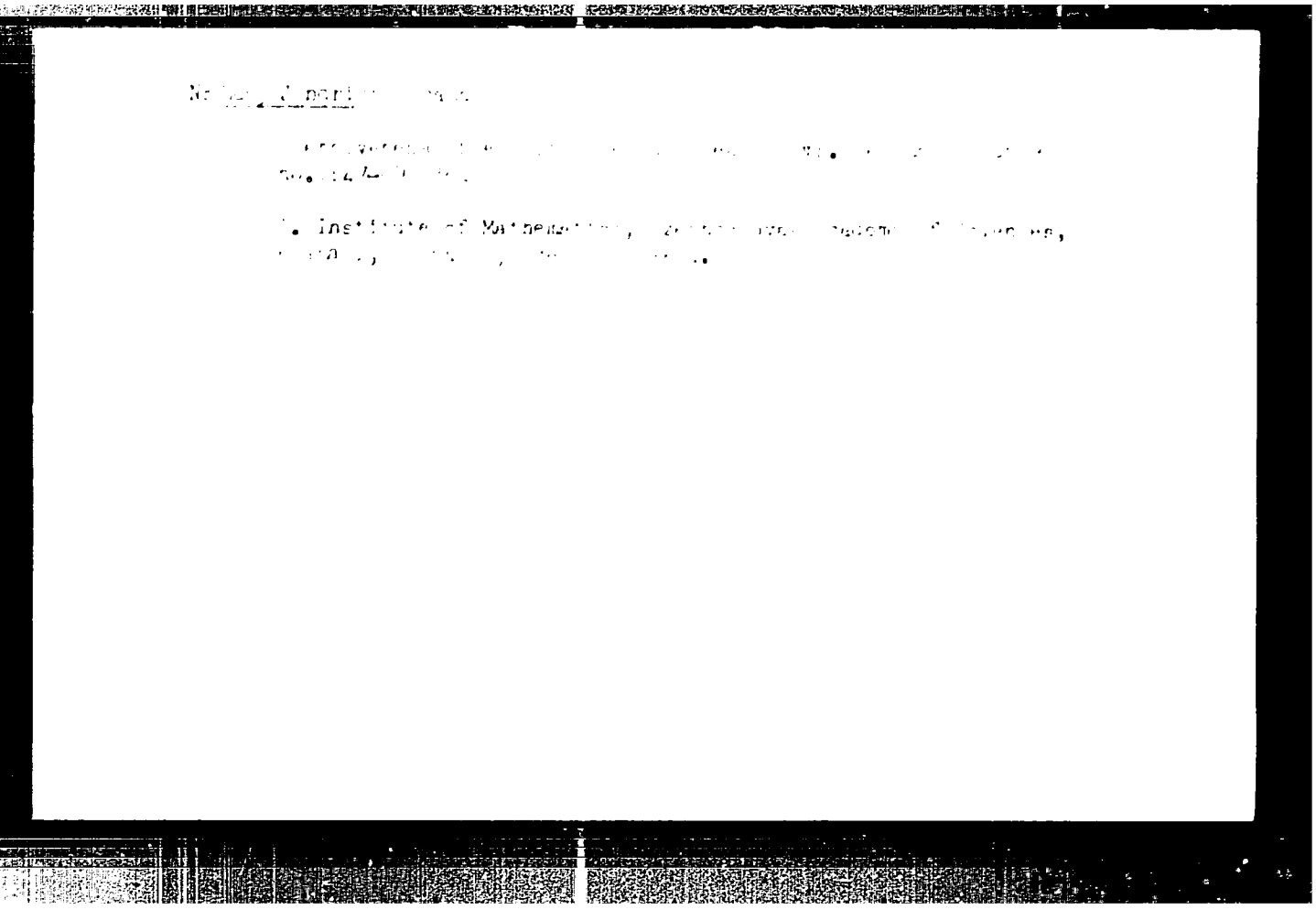
NECAS, Jindrich (Prague)

Report on the trip of a member of the Mathematical Institute of the Czechoslovak Academy of Sciences to France. Cas pro pest mat 88 no.3:385 Ag '63.

MEGAS, Jindrich

On the elliptic partial differential equations of the second order. Chekhosl mat zhurnal 14 no.1:125-146 '64.

1. Matematicky ustav, Ceskoslovenska akademie ved, Praha 1, Zitna 25.



Z/034/61/000/001/005/021
E073/E535

AUTHOR: Nečas, Jiří

TITLE: Mechanization of the Process of Working Out Production Schedules and of Technical Production Data in the No.2 Hot Rolling Mill of VŽKG

PERIODICAL: Hutnické listy, 1961, No.1, pp.31-38

TEXT: In 1957 the requirement was formulated for introducing punched card systems of controlling the production planning and for recording production data of the hot rolling mills of plant No.2 of the Vitkovice Steel Works. For this purpose the following steps were taken: a commission was formed of specialists for solving the problem of eliminating existing drawbacks in the field of recording technical production data; the Technical and Economics Research Institute of the Metallurgical and Mining Industry (TEVÚH) was entrusted with the task of investigating production planning in the steelworks and in the rolling mills of VŽKG and with the project for mechanizing the processing of production planning and the recording of production data in the hot rolling mills of VŽKG by using punched card systems. These tasks were entrusted to separate groups at TEVÚH who worked in cooperation with the personnel of the

Z/034/61/000/001/005/021
E073/E535

Mechanization of the Process of Working Out Production Schedules and of Technical Production Data in the No.2 Hot Rolling Mill of VŽKG

VŽKG commission. In this paper the mechanization project is described and the present state of its realization is discussed. Information is given on the preparation work of the project, on the data which have to be collected and some specimen punched cards are reproduced. The codings and symbols used are those proposed by TEVÚH. In conclusion it is stated that introduction of this project involves a great number of difficulties, particularly since a large number of the required data have to be collected from other plants and organizations. Change-over to using computers will enable solving numerous problems that can no longer be solved by punched card systems. There are 6 figures.

ASSOCIATION: Technicko-ekonomický výzkumný ústav hutního průmyslu a rudných dolů (Technical-Economic Research Institute of the Metallurgical and Mining Industry, Prague)

SUBMITTED: March 7, 1960

Card 2/2

NECAS, Jiri

"Technical and organizational preparation of machine factory control automation" by B.Spurny, M.Skamene, F.Vitha. Reviewed by Jiri Necas. Automatizace 6 no.11:Suppl.: Technicka literatura:insert N '63.

SOUKUP, Blahomil, inz.; [illegible]

Evaluation of ore deposit [illegible]
Rudy 13 no.2:51-57 [illegible].

1. Geologicky pruzkum National Enterprise, [illegible].
2. Technical and [illegible]
Industry and Ore Mines, [illegible].

NECAS, Jiri

For better utilization of documentation in metallurgical works. Hut listy 19 no.10:728-732 O '64.

1. TEVUH.

NEČAS, J.

"Role of plant physiology in potato research." p. 231

VĚSTNÍK. Praha, Czechoslovakia, Vol. 6, No. 4, 1959

Monthly list of East European Accession Index (EEIA), Library of Congress, Vol. 8, No. 7, July, 1959, Unclassified

NECAS, Josef

Effect of suppressors on the segregation ratio of some varieties of barley in higher hybrid generations. Biologia plantarum 4 no.1: 24-46 '62.

1. Department of Genetics, Charles University, Praha, and Institute for Potato Research, Czechoslovak Academy of Agricultural Sciences, Havlickuv Brod. Author's address: Vyzkumny ustav bramborarsky Ceskoslovenske akademie zemedelskych ved, Valecov, posta Okrouhlice u Havlickova Brodu.

NECAS, Josef (Valecov, posta Okrouhlice u Havlickova Brodu)

Inheritance of development of lateral florets in spikelets of barley spike. Biologia plantarum 5 no.2:89-99 '63.

1. Department of Genetics, Charles University, Prague, and Institute for Potato Research, Havlickuv Brod.

CZECHOSLOVAKIA

NEOAS, J., Institute of Genetics of Charles University, (Geneticky ustav Universita Karlovy), Prague and Research Institute for Potato Growing (Vyzkumny ustav bramborarsky), Havlickuv Brod.

"Heredity of the Length of Ear in Barley. III. Influence of 2 Main Sectors of Morphogenesis on the Result of Signa."

Bratislava, Biologia, Vol. 18, No. 3, 63, pp 195 - 209.

Abstract: Five species of barley were studied. Substantial variations of lengths were found. Intentional selection within species was not effective.
9 Tables, 16 Western, 6 Czech, 1 Russian reference.

1/1

1/1

NECAS, Josef

Effect of gibberellin on the growth of potato plants and potato tuber yield. Rost vyroba 10 no. 7:763-776 Jl '64.

1. Institute of Potato Research, Havlickuv Brod.

NEČAS, Josef, CSc.

Application of gibberellic in the greenhouse tests of the resist[illegible] of potato plants. Rost vyroba 11 no. [illegible] 1965.

1. Laboratory of Experimental Algology of the Institute of Microbiology of the Czechoslovak Academy of Sciences, Trebon
Submitted May 22, 1963.

MECAS, O.

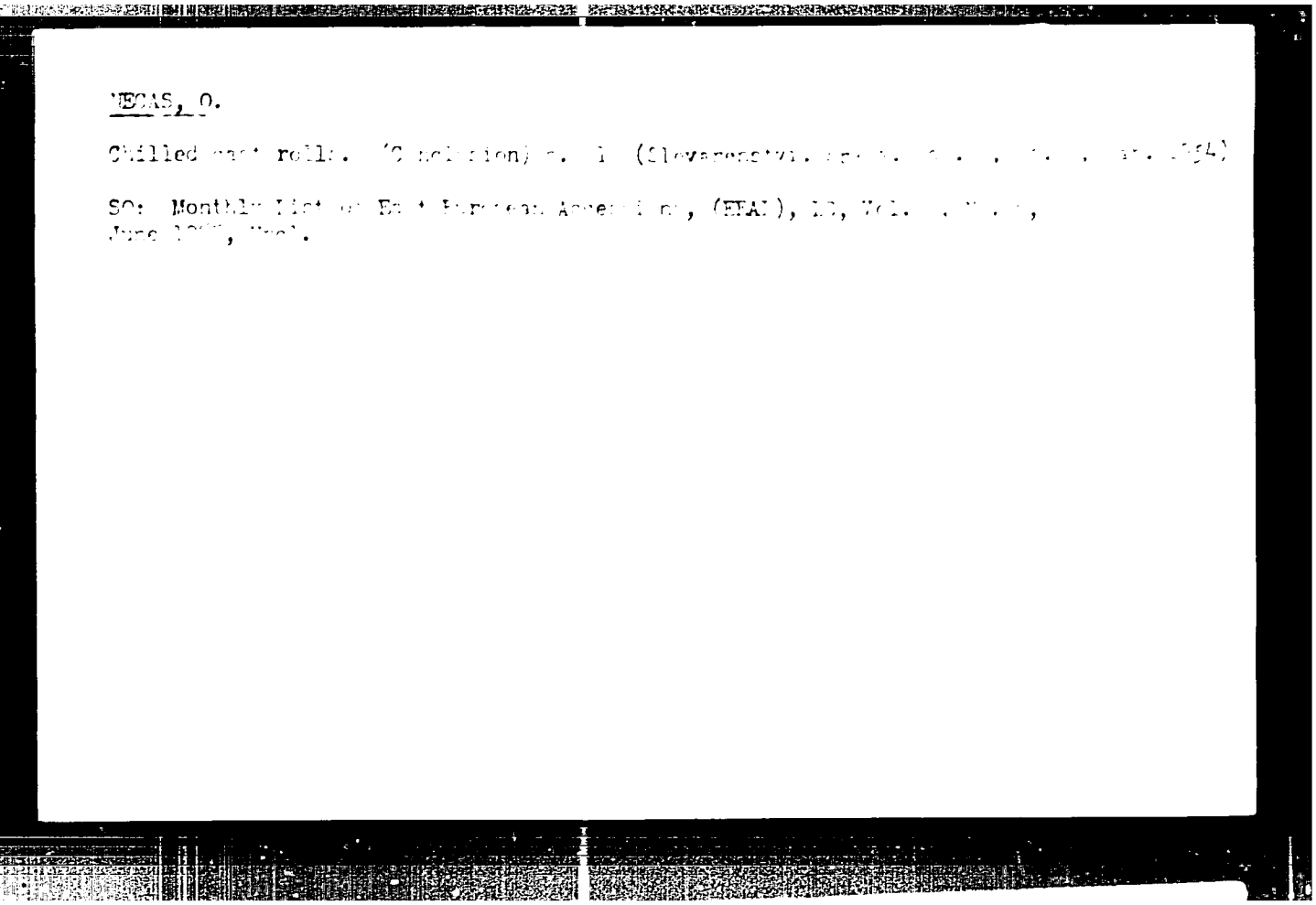
[illegible] regeneration of yeast [illegible]. II. Formation of the cell wall de novo. Folia biol. (Praha) [illegible] 97-102 1965.

1. Department of Biology, Faculty of Medicine, Purkyne University, Brno.

NECAS, Otto

11817* (Chilled Cast Rolls.) Litinové tvrzené válce pro válcovny. Otto Necas. Slévárenství, v. 2, no. 2, Feb. 1954, p. 34-43; no. 3, Mar. 1954, p. 71-74.

Chemical composition, structure, thickness of chilled layer, and surface hardness. Production methods from molding to heat treatment. Tables, graphs, micrographs, diagrams. 26 ref.



VEGAS, O.

Chilled [illegible] rolls. [illegible] (Cleveland, [illegible])

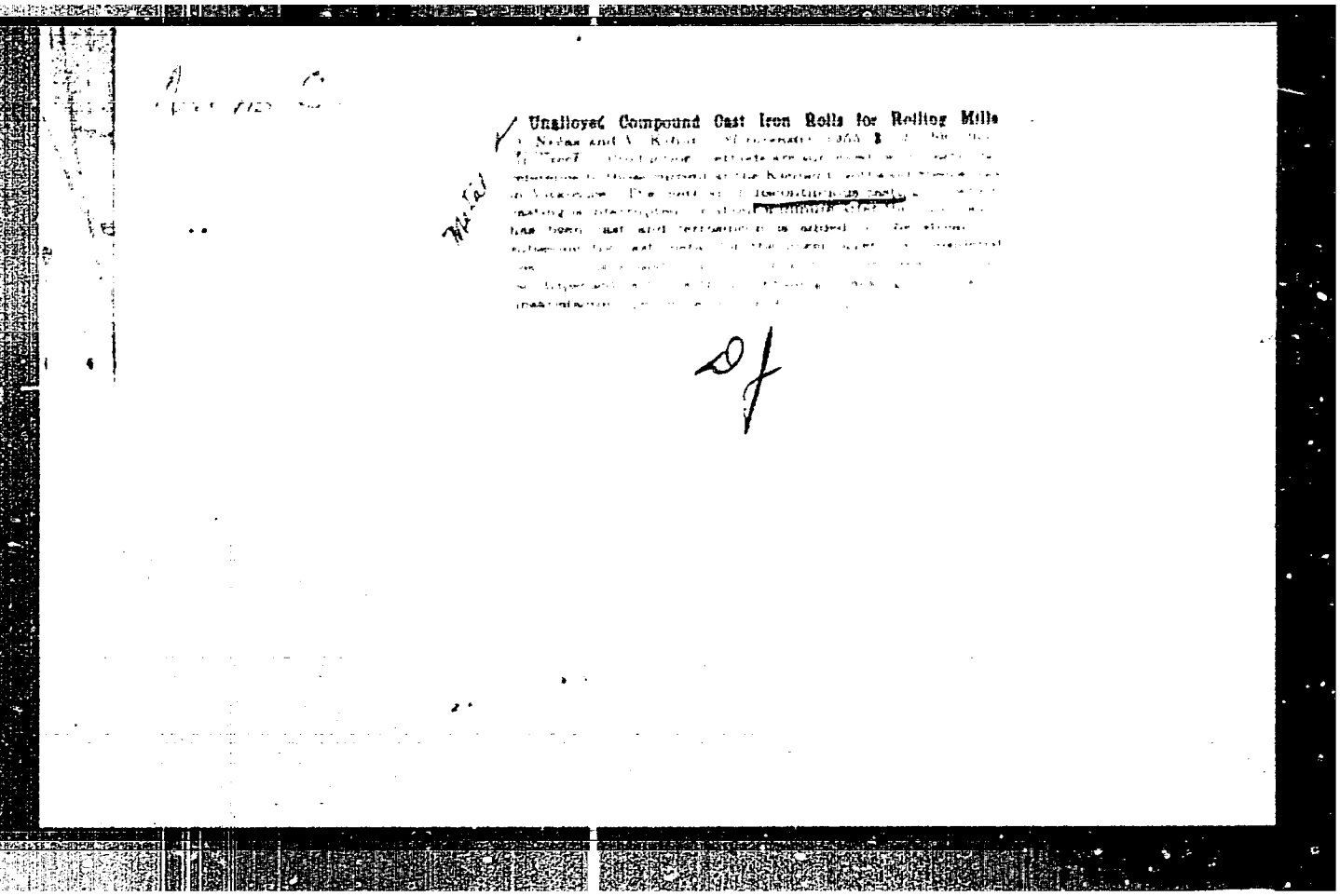
SO: Monthly List of [illegible] (EEAI), LC, Vol. [illegible],
June 19[illegible].

NEČAS, O.

Hardened Cast-Iron Rolls for Rolling Mills. O. Nečas. (*Hutnické Listy*, 1954, 9, (2), 34-43 ; (3), 73-74). [In Czech.]

The manufacture, properties, composition, structure, hardenability, and heat-treatment of chill-cast rolls of all types used in rolling mills are considered in detail. The effects of various amounts of alloying elements, in particular nickel, chromium, tellurium, and vanadium on the structure and quality of rolls is discussed with particular reference to graphitization, hardenability, hardness and segregation. Methods of melting the iron, casting, rates of cooling of the ingots, ageing, limits of sulphur and phosphorus contents, mould design, and mould dressing, and other details of metallurgical control are surveyed. The author thinks that chill-cast iron rolls will not be replaced by steel rolls even in the future, though improvements in their properties may result from the use of nodular cast irons and from developments in the production of duplex cast rolls.—P. F.

Ot MET



Unalloyed Compound Cast Iron Rolls for Rolling Mills

[illegible], [illegible]; SYP[illegible], [illegible]

[illegible] Works, [illegible]

Vol. 5, no. [illegible], Sept. 1955
[illegible] K
Praha, Czechoslovakia

Source: East European Accession List. Library of Congress
Vol. 5, no. [illegible], August [illegible]

NECAS, O.

Production of Spheroidal Iron Rolls for Rolling Mills. O. Necas. (*Slevarenství*, 1956, 4, Aug., 237–243). Production in the U.S.S.R. is reviewed. Rolls up to 25 t are now made. Comparison is made with grey iron rolls, and the need for... surface hardness is noted.

VT

L 21470-66 EWP(1)

ACC NR: AP6011980 SOURCE CODE: CZ/0057/65/000/007/0283/0284

AUTHOR: Necas, Otto (Engineer)

ORG: Metallurgical Research Institute, Klement Gottwald Vitkovice Iron Works, Ostrava (Vyzkumny ustav metalurgicky VZKG)

TITLE: Contribution to the discussion of the article "Research under the conditions of the new organization of the national economy" by Jiri Jenik, in Hutnik, v. 15, no. 4, pp. 189-191.

22
B

SOURCE: Hutnik, no. 7, 1965, 283-284

TOPIC TAGS: scientific policy, scientific research

ABSTRACT: Two decisions of the Central Committee of the Communist Party of Czechoslovakia are discussed. On 27-29 Jan 65 the Committee decided that research should keep closer ties with practical production problems. The development should be guided by scientific and technical evolution; problems of science are different from those of economy. On 22 Feb 65 the Committee felt that it was bad organization that interfered with scientific efficiency; a greater share of national income should be diverted into research, only under such conditions that the new discoveries can find practical economical application. Efficient scientific work should be guided by 4 principles: long-term planning of national economy, correct planning of research activities, maintaining

Card 1/2

L 21470-66
ACC NR: AP6011980

research time tables, and application of research to production methods. Results of research should be incorporated into practical production by technically and politically trained people.
[JPRS]

SUB CODE: 14, 05 / SUBM DATE: none

Card 2/2 dlw

NECAS, O.K.

Microfiltration and microcentrifugation methods [with summary in German]. Chekh. biol. 1 no.2:246-249 '52. (MLRA 6:12)

1. Institut obshchey biologii meditsinskogo fakul'teta universiteta im. Masarika, Brno.
(Centrifuges) (Filters and filtration)

MECAS, O.

Evolutionary changes in the plasma particles of yeast [in Russian with summary in German]. Chekh.biol. 3 no.1:30-31 F '54. (MLRA 7:6)

1. Institut obshchey biologii meditsinskogo fakul'teta universiteta im. Masarika, Brno. (Yeast)

HERMUT, M.; NECAS, O.

L-form bacteria. I. Modification of the form of Proteus vulgaris produced by penicillin. Chekh. biol. 3 no.6:370-376 Dec 54.

1. Garnizonnyy gospital', Brno i Biologicheskiy institut meditsinskogo fakul'teta universiteta v Brno.
(PENICILLIN, effects,
on Proteus vulgaris form)
(PROTEUS VULGARIS, effect of drugs on,
penicillin)

MECAS, O.

Vitality of cellular fragments in yeasts. I. Plasmatic spheres in yeasts. Fol.biol., Praha 1 no.1:19-28 2 Feb. 55.

1. Institut obshchey biologii meditsinskogo fakul'teta universiteta v Brno.

(YEASTS,
saccharomyces cerevisiae, vitality of cellular fragments & plasmatic spheres)

MECAS, O.

Vitality of cellular fragment of yeasts. III. Regeneration of cells from plasmatic formations. Fol.biol., Praha 1 no.4:220-229 30 Aug 55

1. Institut obshchey biologii meditsinskogo fakul'teta universiteta v Brno.

(YEASTS,
Saccharomyces cerevisiae, regen. of cells from plasmatic form.)

NECAS, Oldrich

Vitality of cellular fragments of yeasts. I. Plasmatic spheres of yeasts. Cesk. biol. 4 no.1:12-18 Jan 55.

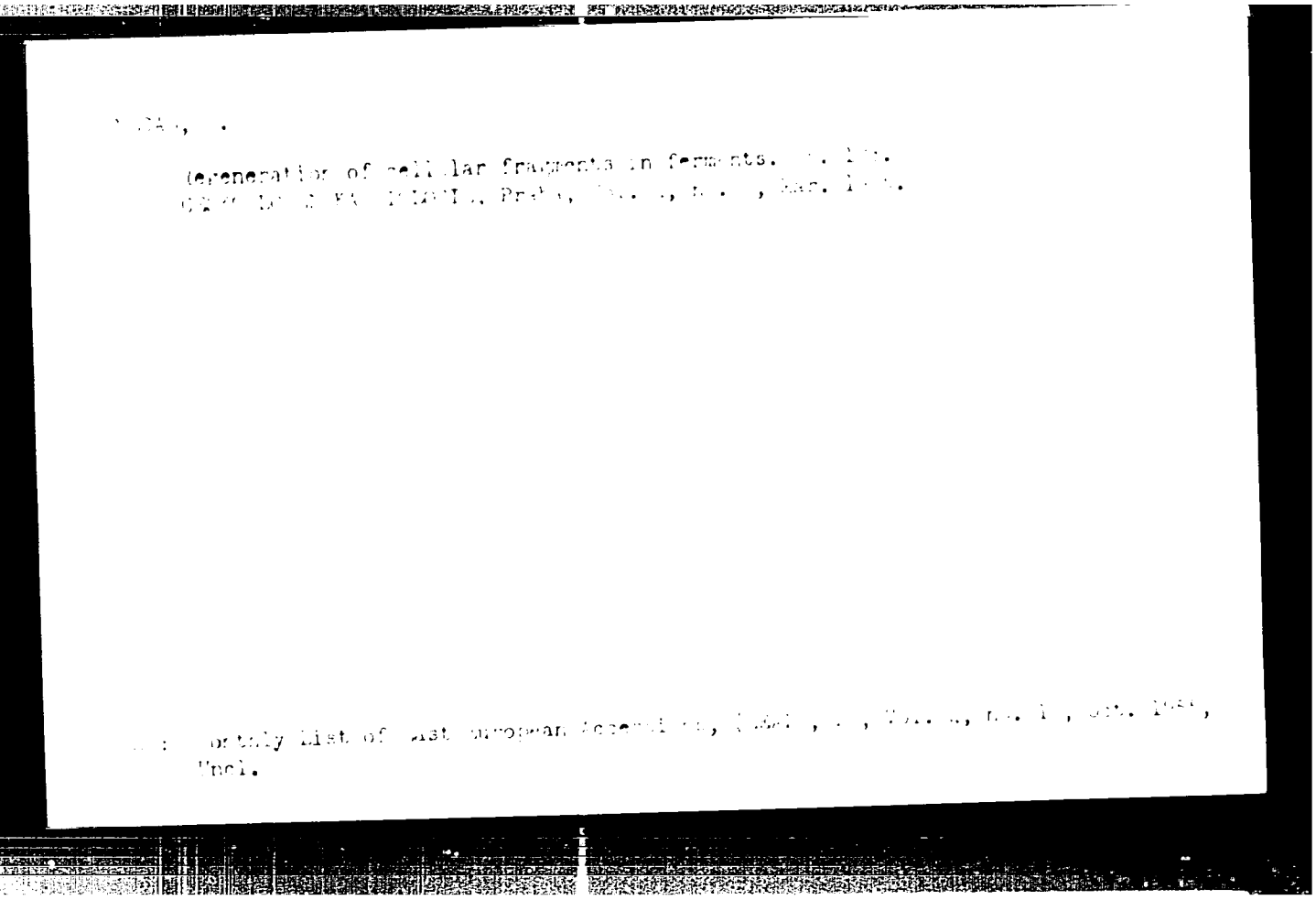
1. Biologicky ustav lekarske fakulty university v Brne.
(YEASTS,
vitality of plasmatic spheres)

NECAS, Oldrich

Vitality of cellular fragments of yeasts. II. Developmental changes of plastmatic spheres. Cesk. biol. 4 no.3:152-157 Mar 55.

1. Ustav pro obecnou biologii lekarske fakulty university v Brne.

(YEASTS,
develop. of plasmatic spheres)



MEIAS, O.

Vol. 4, no. 5, May 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 11, Nov. 1955, Uncl.

NECAS, Oldrich

Vitality of globular fragments of yeasts. IV. Regeneration of cells from plasmatic formations. Cesk. biol. 4 no.6:338-342 June 55.

1. Ustav pro obecnou biologii lekarske fakulty university v Brne.
(YEASTS,
regen. of cells from plasmatic formations)

NERMUT, Milan; NECAS, Oldrich

L-form bacteria. II. Effect of anaerobic conditions on changes of form in Proteus vulgaris produced with penicillin. Cesk. biol. 4 no.7:390-392 Jl '55.

1. Posadkova nemocnice a Biologicky ustav lekarske fakulty university v Brne.

(PENICILLIN, effects,
on Proteus vulgaris, eff. of anaerobic cond. on induced changes of form)
(PROTEUS VULGARIS, effect of drugs on,
penicillin, eff. of anerobic cond. on induced changes of form)

USSR/Microbiology - General Microbiology. F-1

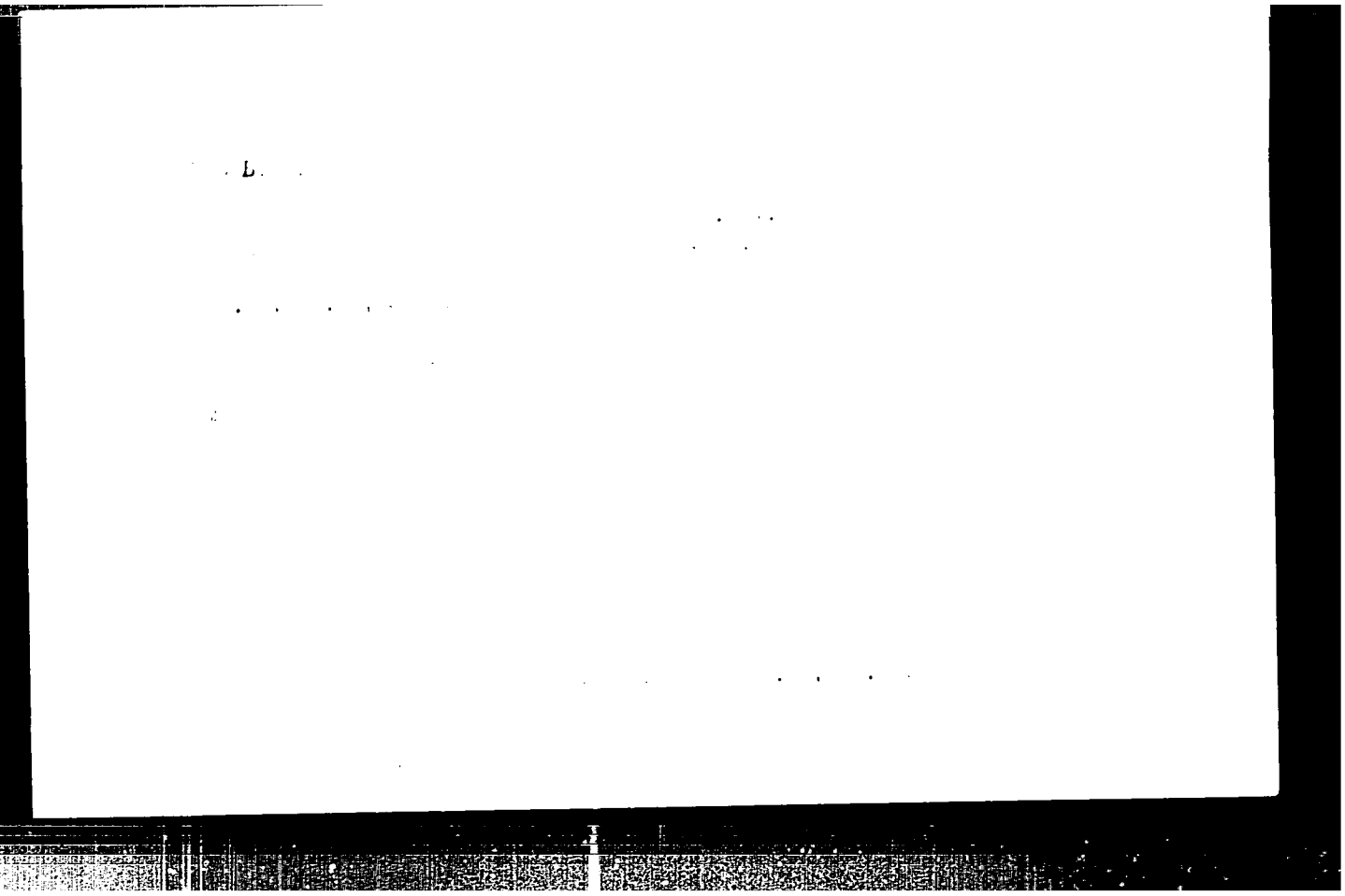
Abs Jour : Ref Zhur - Biol., No 3, 1958, 9773

Author : Nechas, O.
Inst : -
Title : Viability of Yeast Cell Fragments. IV. Relation Between the Nucleus and Growth Ability.

Orig Pub : Folia biol. (Ceskosl.), 1956, 2, No 1, 29-35

Abstract : The author believes that only plasmatic yeast fragments which contain a nucleus are capable of development. Upon regeneration from solid plasmatic formations, the first generation of cells also occurs as polynuclear ones. In succeeding generations the number of nuclei decreases to a single one; however, some strains of reconstituted yeast cells firmly retain a polynuclear structure. All observations were conducted on fixed preparations.

Card 1/1

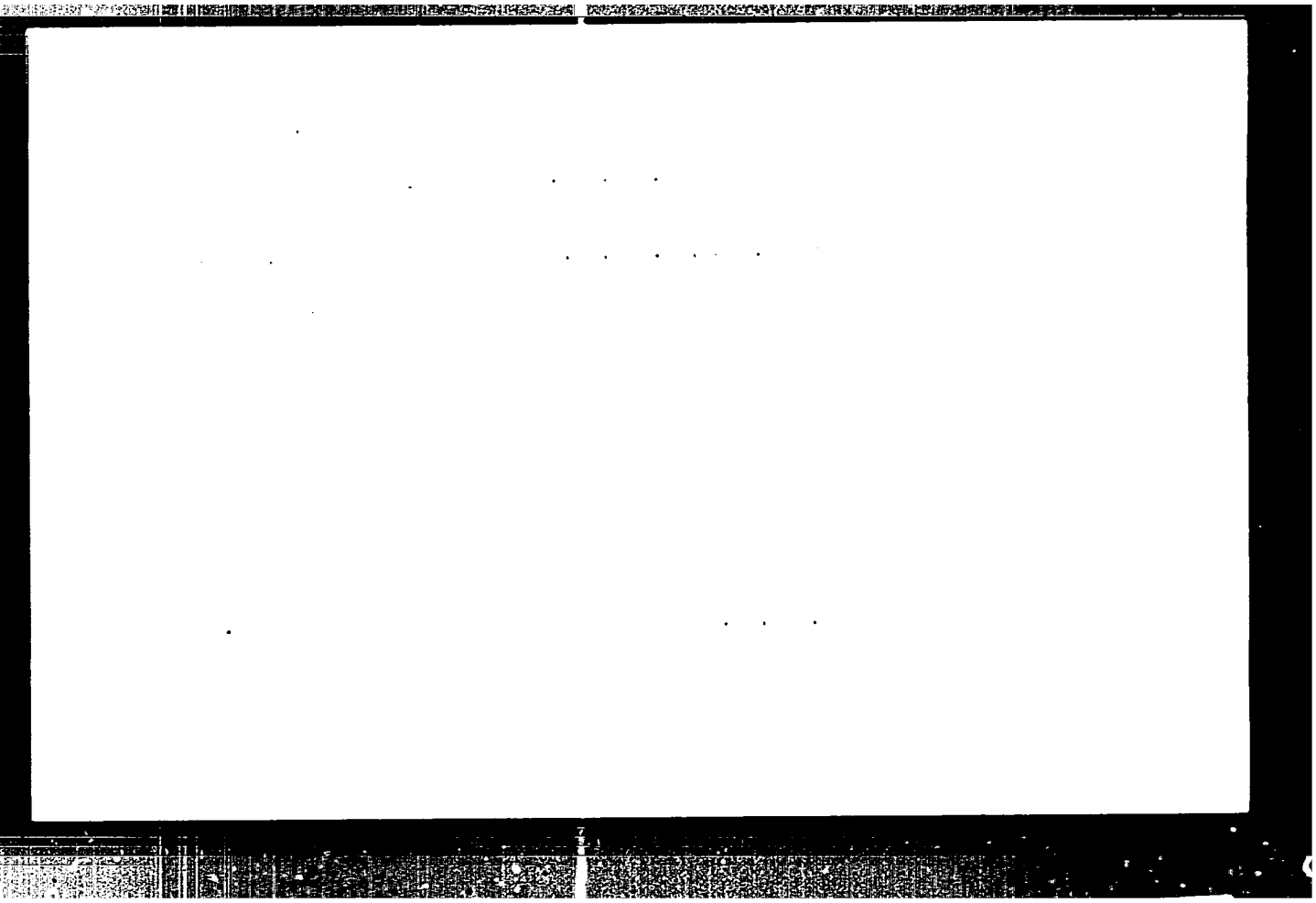


NECAS, C.

L-forms of bacteria. III. Effect of a concentration of penicillin in a medium on development of L-bodies in Proteus vulgaris. p. 20.

Vol. 5, No. 1, Jam.1956
CESKOSLOVENSKA BIOLOGIE
Czechoslovakia

SOURCE: EAST EUROPEAN ACCESSIONS LIST Vol. 5, No. 7, July 1956



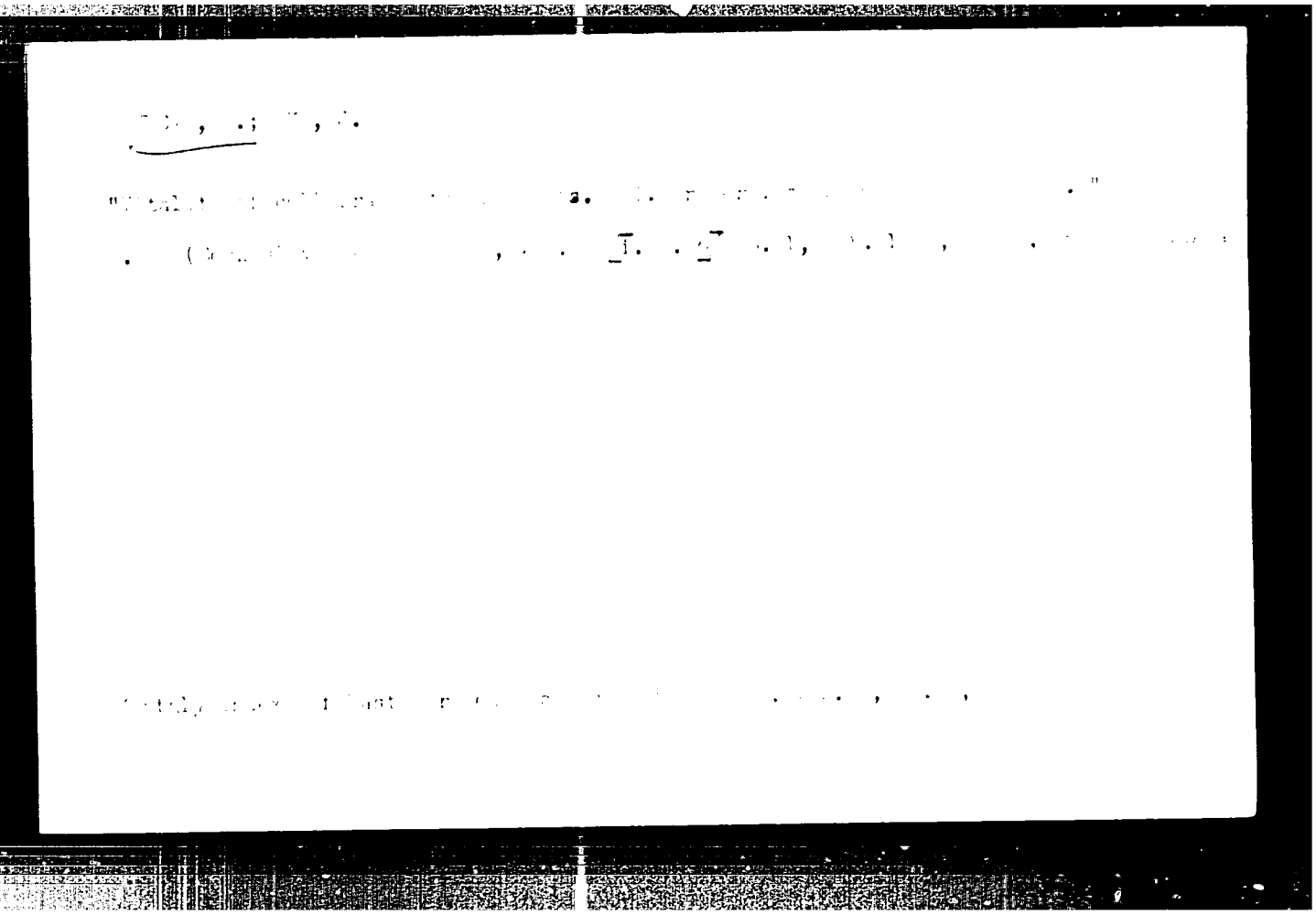
NECAS, O.

4481. Regeneration of yeast cells from naked protoplasts. O. Nečas Nature, Lond., 1956, 177, 898—899 (Biological Dept., Med. Sch., Univ. of Brno, Czechoslovakia).—Plasma droplets (only those containing a nucleus obtained by fragmentation of yeast cells and transferred to nutrient media, grow in size (quant. in plasma) and many vacuoles are formed together with several nuclei. Some plasma formations degenerate in a few days but others contract into dense spherical formations and when these are tr nsferred to new media a membrane develops and germination follows. Some yeast strains which develop in this way are morphologically different from the parent strain.

I. B. Park

2078. A CONTRIBUTION TO THE PROBLEM OF THE CELL WALL IN THE LARGE BODIES OF PROTEUS VULGARIS - Příspěvek k problému blány u velkých kulatých tělísek Proteus vulgaris - Nečas O. and Nermut M. Ust. pro Obecnou Biol., Lék. Fak., Univ. Brno - CSL MIKROBIOL. 1957, 2/6 (363-370) Tables 1 Illus. 14

The effect of penicillin on the large bodies of P. vulgaris in $CaCl_2$ and glucose solutions of different concentrations was investigated. The osmotic value of the large spherical and long bodies is of the same order as that of the bacillary form. Within 30 min. of adding penicillin, before the formation of large spherical bodies commences, the cell wall is damaged; this is evidenced by plasmoptysis, which occurs even in a weakly hypotonic medium, usually at the site of the intercellular septum. This supports the view of Park and Strominger (1956) that penicillin interferes with the biosynthesis of the cell wall. The superficial membrane of the large spherical bodies, which appears within 2 - 4 hr., is mechanically unstable. As the large spherical bodies age, the superficial membrane usually thickens, making plasmolysis of the large spherical bodies possible. The superficial membrane can be stained by Knaysi's method. The authors are of the opinion, however, that neither morphological criteria nor Knaysi's staining definitely show whether the membrane is analogous to the cell wall, or whether it is a secondarily reinforced cytoplasmic membrane. The mechanical properties of the membrane of large long bodies closely resemble those of the wall of normal bacterial cells.



Monthly Index of East European Accession (EEAI) LC, Vol. 7,

that were ... were subjected to experiments for the purpose of modifying lactose (I) for melibiase (II), their brewing characteristics. By cultivating ... protoplasms of Y in media containing I, it was not possible ... cultures capable of fermenting I. In the growing of baker's Y on autolysates or on filtrates, obtained from the homogenized brewer's Y,

Card: 1/2

Orig Pub.:

Abstract Cont'd: capable of fermenting II, from 71 samples of Y, it was possible to isolate 8 capable of causing the fermentation of II. However, this characteristic was lost in the cultivation of Y in molasses. --Ye. Olevako

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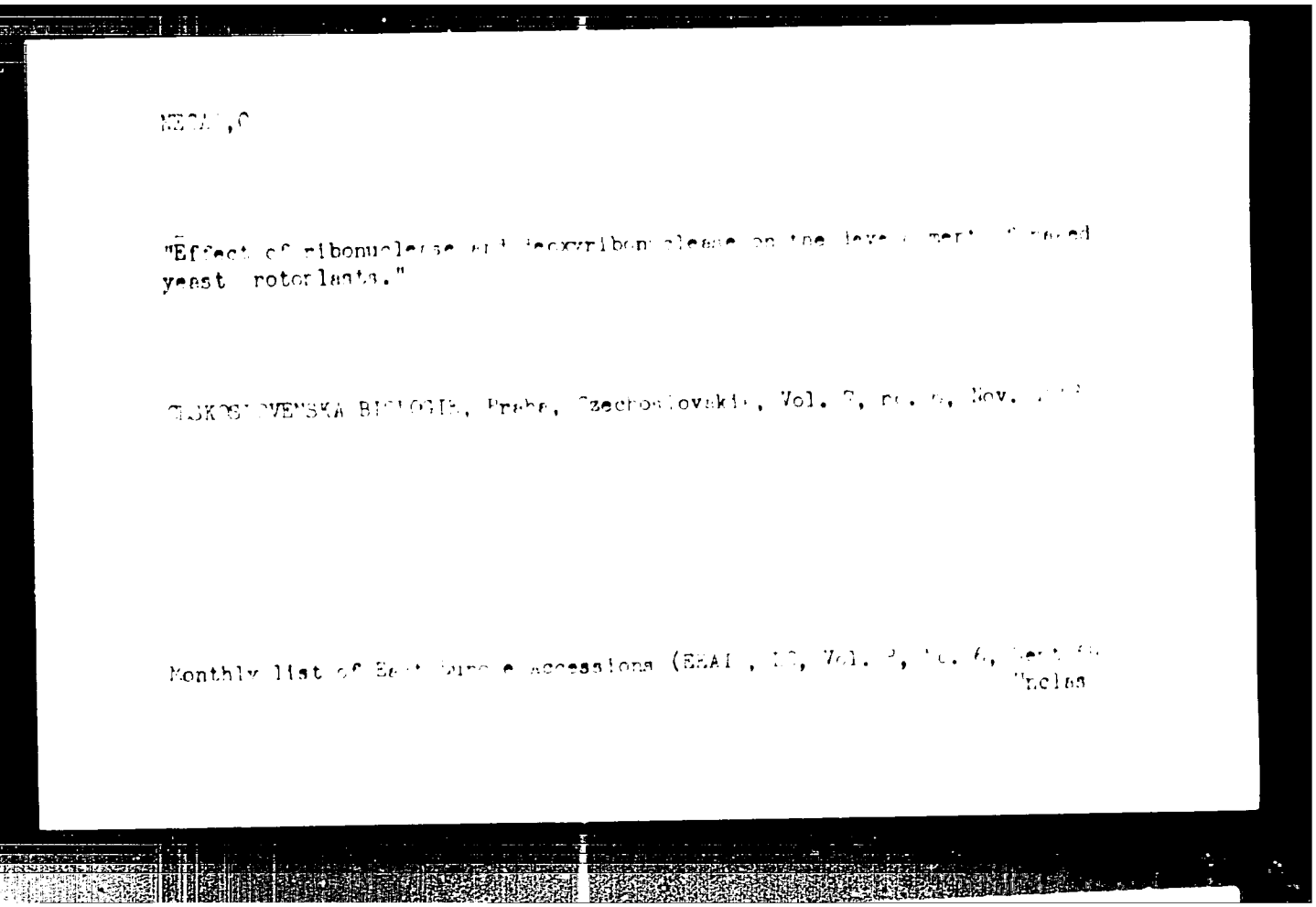


[illegible],C

"Effect of ribonuclease and deoxyribonuclease on the level of [illegible] yeast rotorlants."

CESKOSLOVENSKA BIOLOGIE, Praha, Czechoslovakia, Vol. [illegible], no. [illegible], Nov. [illegible]

Monthly list of East European accessions (EEAI, LC, Vol. [illegible], no. 6, [illegible] Unclas

NECAS, O.; JANISCH, R.; JAHODA, J.; GABRIEL, M.

Division of the nuclei of naked yeast protoplasts. Folia biol. 7 no.3:202-205 '61.

1. Department of Biology, Medical Faculty, Purkyne University, Brno.

(CELL NUCLEUS) (YEASTS)

CAPOVA, H.; DUBANSKA, H.; HAHN, P.; HUTAK, D.; JILEK, J.; KOLDOVSKY, O.; NECAS, J.; NOVAK, P.; SEJNOHA, L.; SPACEK, J.

The mount of total body fat determined by skin fold thickness in males from 16 to 35 years. Cesk. gastroent. vyz. 15 no.7:540-55 N '61.

1. Fyziologicky ustav CSAV - Praha, Ustav leteckeho zdravotnictvi - Praha, Vojensky ustav hygieny, epidemiologie a mikrobiologie - Praha. (ADIPOSE TISSUES)

NECAS, O.

The mechanism of regeneration of yeast protoplasts. I. Physical conditions. Folia biol. 8 no.4:256-262 '62.

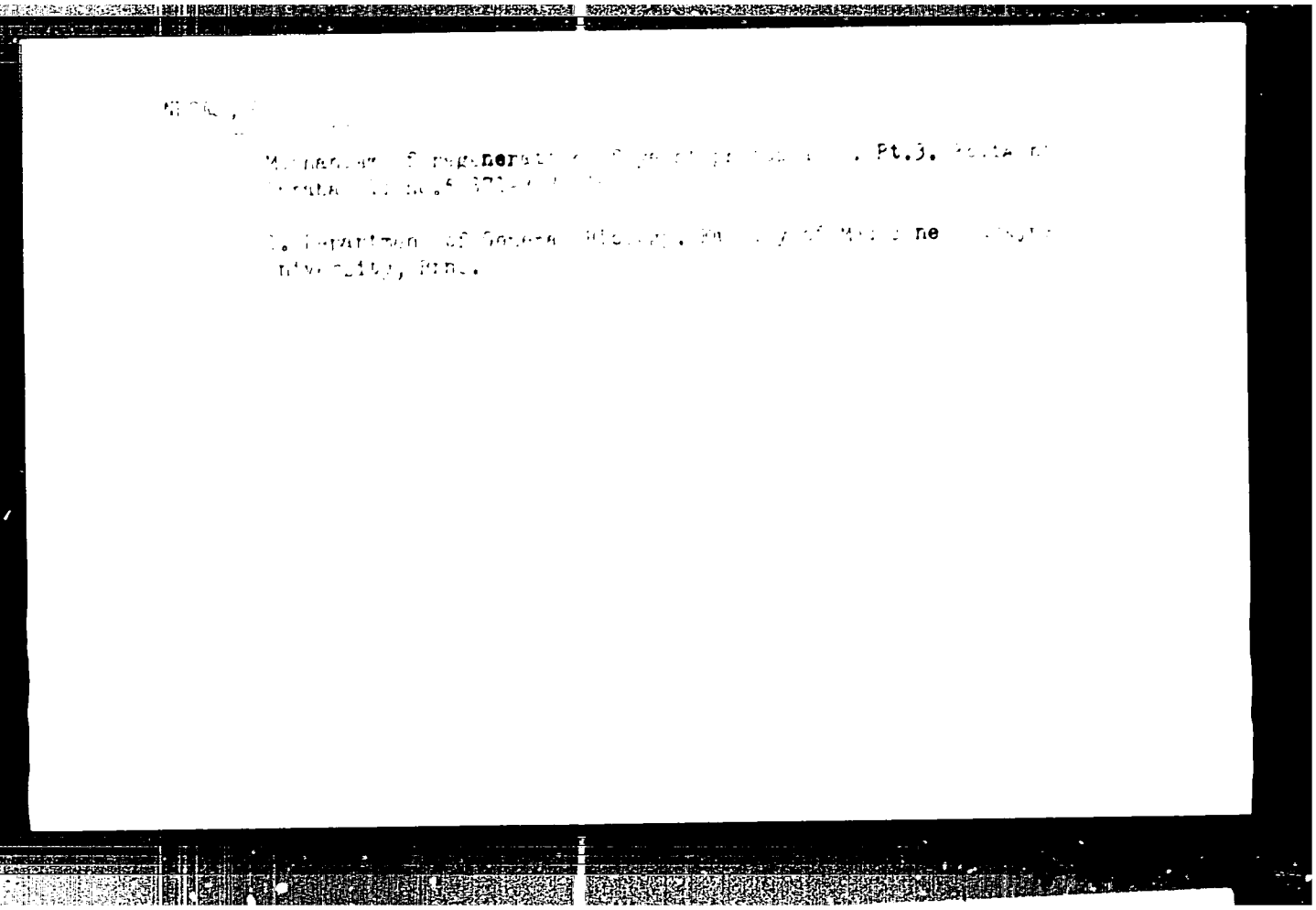
1. Department of Biology, Medical Faculty, Purkyne University, Brno. (YEASTS)

HECAS, O.; HAVELKOVA, Marie; SOUDEK, D.

Submicroscopic morphology of Rhizopus nigricans. Folia microbiol. 8 no.5:290-292 '63.

1. Department of Biology, Medical Faculty, Purkyne University, Brno.

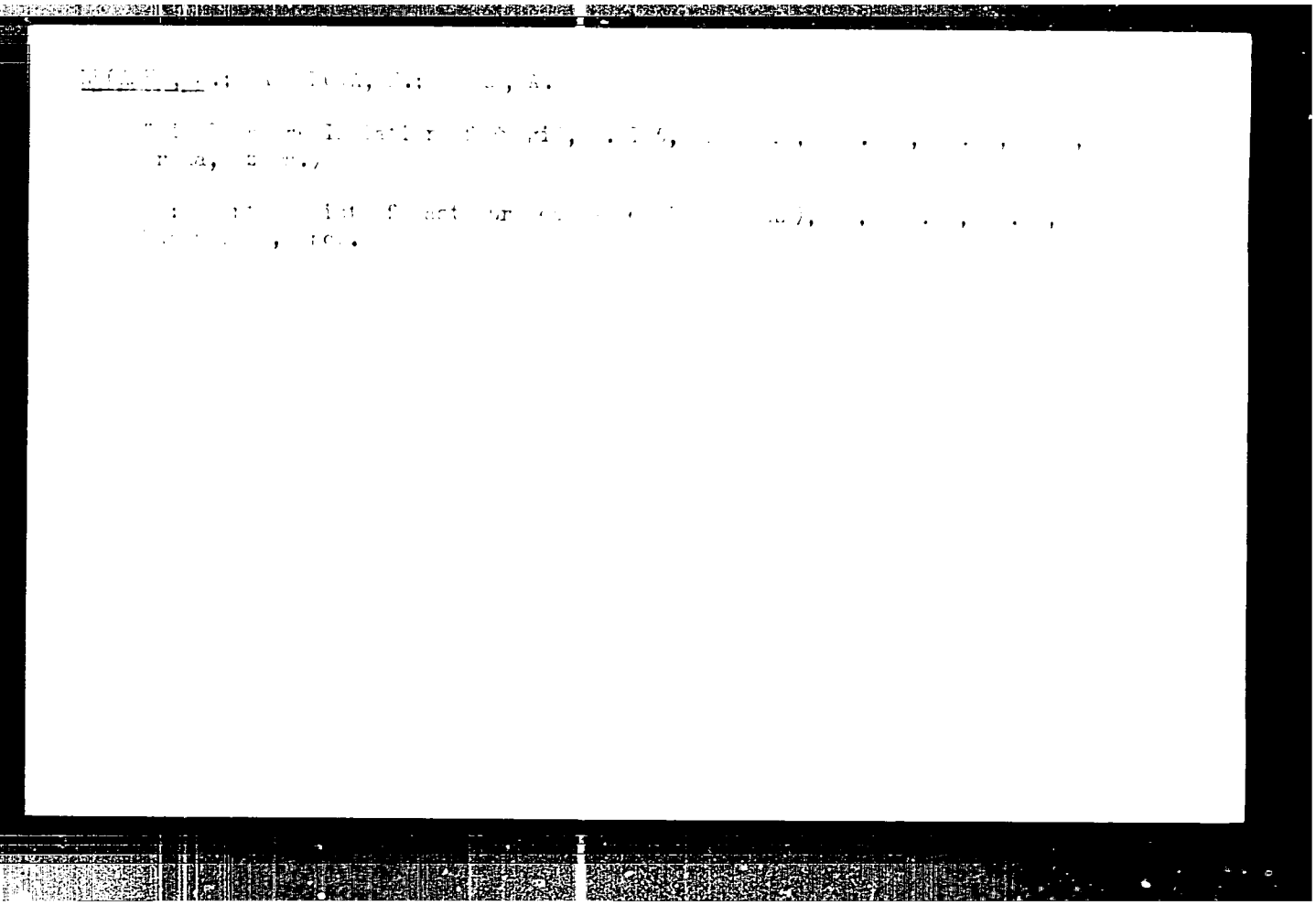
(RHIZOPUS) (CYTOLOGY) (MICROSCOPY, ELECTRON)



NECASEK, J.

Growth periods of Coprinus fimetarius (L.) Fr. Biol.listy 30 no.4:243-246 Biol.listy 30 no.4:243-246 15 Mr '49.(CLML 19:2)

1.Studies of the Institute of Genetics, Univ.Carol. No.6.



Necasek J.

Effect of interrupted aeration on chlortetracycline formation. V. Matelová, M. Musílková, J. Nečásek, and F. Šmejkal (Výzk. ústav antibiotik, Roztoky u Prahy, Czech.). *Preslia* 27, 27-34(1956).—The influence of interrupted aeration in both lab. and tank fermentation was studied during the submerged fermentation of chlortetracycline (I). *Streptomyces aureofaciens* growing on the medium of Van Dyck and De Somer (*C.A.* 47, 1774c) was used. Aeration was interrupted during the first 30 hrs. (total fermentation time 120 hrs.). The ratio of the aeration time to time of interruptions is of fundamental importance in the final result; when this ratio was 1:1-11:1, the av. yield of I was only 14%, but in the reverse ratio (longer time of interruptions) the yield was 72% against the controls. The abs. time of single intermissions in the proportions mentioned was 5-120 min. When reducing the time of aeration to 1 min., no effect on production of I was observed. K. Macek

MD

(3)

CZECHOSLOVAKIA / Microbiology. Antibiosis and Symbiosis. Antibiotics.

Abs Jour: Ref Zhur-Biol., 1958, No 17, 76672.

Author : Matelova, Vlasta; Necasek, Jan.
Inst : Not given.
Title : Influence of Fermentation Conditions on the Formation of Penicillin by the Strain Penicillium Chrysogenum 51-20.

Orig Pub: Ceskosl. mikrobiol., 1956, 1, No 6, 255-262.

Abstract: The strain 51-20 did not lose activity after its storage as spores for 2 months. The vegetating mycelium could be stored no more than 1 week. In laboratory conditions, during cultivation in a circular rocker, the 51-20 strain formed an average of 1316 units of antibiotics in 1 Ml. If the cultivated material is passed twice in a

Card 1/2

NECASEK, J.

Laboratory fermentation of oxytetracycline. J. Nečásek and F. A. Lokvenc (Výzk. ústav antibiot., Roztoky, Prague). *Prosila* 28, 99–101(1956).—Conditions for the lab. production of oxytetracycline with *Streptomyces rimosus* 0-4 were studied. The best medium for the sporulation was nutrient broth agar with 1% lactose; for fermentation the best medium contained glucose, starch, corn-steep liquor, and Na_2SO_4. By using this medium, 1000–1200 γ/ml. could be obtained. K. Macek

2

MECAREK, J.; BELIC, E.; HRNCLD, M.

"Effect of iron construction material and its surface treatment on the production of antibiotics"

Ceskoslovenska Mikrobiologie. Praha, Czechoslovakia. Vol. 3,no. 4, 1958

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 7, July 59, Unclas

GOSHTALEK, Z. [Hoštálek, Z.]; GEROL'D, M. [Herold, M.]; SIKITA, B. [Sikyta, B.]; NECHASEK, Ya. [Nečásek, J.]

Replacement of saccharose with starch in the culture medium for the biosynthesis of chlortetracycline. Antibiotiki 4 no.3: 8-12 My-Je '59. (MIRA 12:9)

1. Nauchno-issledovatel'skiy institut antibiotikov, Chekhoslovakiya.
(CHLORTETRACYCLINE, prep. of substitution of saccharose with starch in culture medium (Rus))

GEROL'D, M. [Herold, M.]; GOSHTYALEK, Z. [Hostalek, Z.]; NECHASEK, Ya. [Necasek, J.]; MATELOVA, V.

The influence of benzyl thiocyanate on the synthesis of chlortetracycline with direct enrichment by ground barley. Antibiotiki 4 no.5:33-35 S-O '59. (MIRA 13:2)

1. Nauchno-issledovatel'skiy institut antibiotikov, Roztoki, Chekhoslovakiya.
(CHLORTETRACYCLINE chem.)
(THIOCYANATES chem.)

MATELOVA, V.; NECHASEK, Ya. [Necasek, J.]

Conditions for phenoxymethylpenicillin synthesis. Antibiotiki 4 no.5:40-44 S-O '59. (MIRA 13:2)

1. Nauchno-issledovatel'skiy institut antibiotikov, Roztoki u Pragi, Chekhoslovakiya.
(PENICILLIN rel.cpds.)

SMAHEL, O.; SCHUCK, O.; DVORACEK, K.; Technicka spolupraca: [illegible]
BAMBASOVA, Z.

Distribution capacity and plasma and rena[illegible] clearance[illegible]
O. Cas. lek. cesk. 104 no.41:1117-1122 15 [illegible] '65.

1. Vyzkumny ustav experimentalni terapie v Praze [illegible]
O. Smahel DrSc.).

CZECHOSLOVAKIA

SYNEK, P.; SYNEK, V.; NEČASKOVÁ, A.; Research Institute for Experimental Therapy (Vyzkumny Ustav Exoprimentalni Terapie), Prague Krc, Director (Reditel) Prof Dr O. SMAHEL; Neurological Clinic, Medical Faculty, Charles University (Neurologicka Klinika Lekarske Fakulty KU), Plzen, Head (Prednosta) Docent Dr L. KLINKOVA-DEUTSCHOVA; Research Institute for Antibiotics and Biotransformations (Vyzkumny Ustav Antibiotik a Biotransformaci), Roztoky near Prague.

"Treatment of Bacterial Infections with Emetine."

Prague, Casopis Lekaru Ceskych, Vol 105, No 26, 2 Jun 66, pp 701 - 704

Abstract : [Authors English summary]: Parenterally administered emetine frequently proves an effective drug in the treatment of bacterial and mycotic infections, particularly when antibiotics are without effect. The effect of emotine in septic conditions is probably related to its **bactericidal** action in vitro. There is no satisfactory explanation for its action. 15 Western, 14 Czech references. (Manuscript received Oct 65).

1/1

MECAY, I.

3(5) PHASE I BOOK EXPLOITATION SOV/3485

Lietuvos TSR mokslu akademija. Geologijos ir geografijos institutas

Geografinis metraštis, I (The Geographical Yearbook, I) Vilnius, 1958. 435 p. Errata slip inserted. 1,000 copies printed.

Sponsoring Agency: Lietuvos TSR geografine draugija

Editorial Board: A. Basalykas, K. Bieliukas, Editor-in-Chief (President), V. Chomskis (Vice President), V. Gudelis (Vice President), A. Kaulys, Managing Ed. (Secretary), S. Tarvydas, and S. Tarvydas

PURPOSE: This book is intended for geographers and for the general reader interested in the geography of Lithuania.

COVERAGE: The first volume of the Geographical Yearbook presents articles by 22 authors covering aspects of the climatology, geomorphology, geology of the Quaternary, limnology, economic geography, etc. of Lithuania. The publication also includes a section devoted to book reviews and a chronicle of scientific events. Articles appear in Lithuanian with English and Russian resumes. References accompany each article.

AVAILABLE: Library of Congress (QL.G3135)

NECEK, Barbara

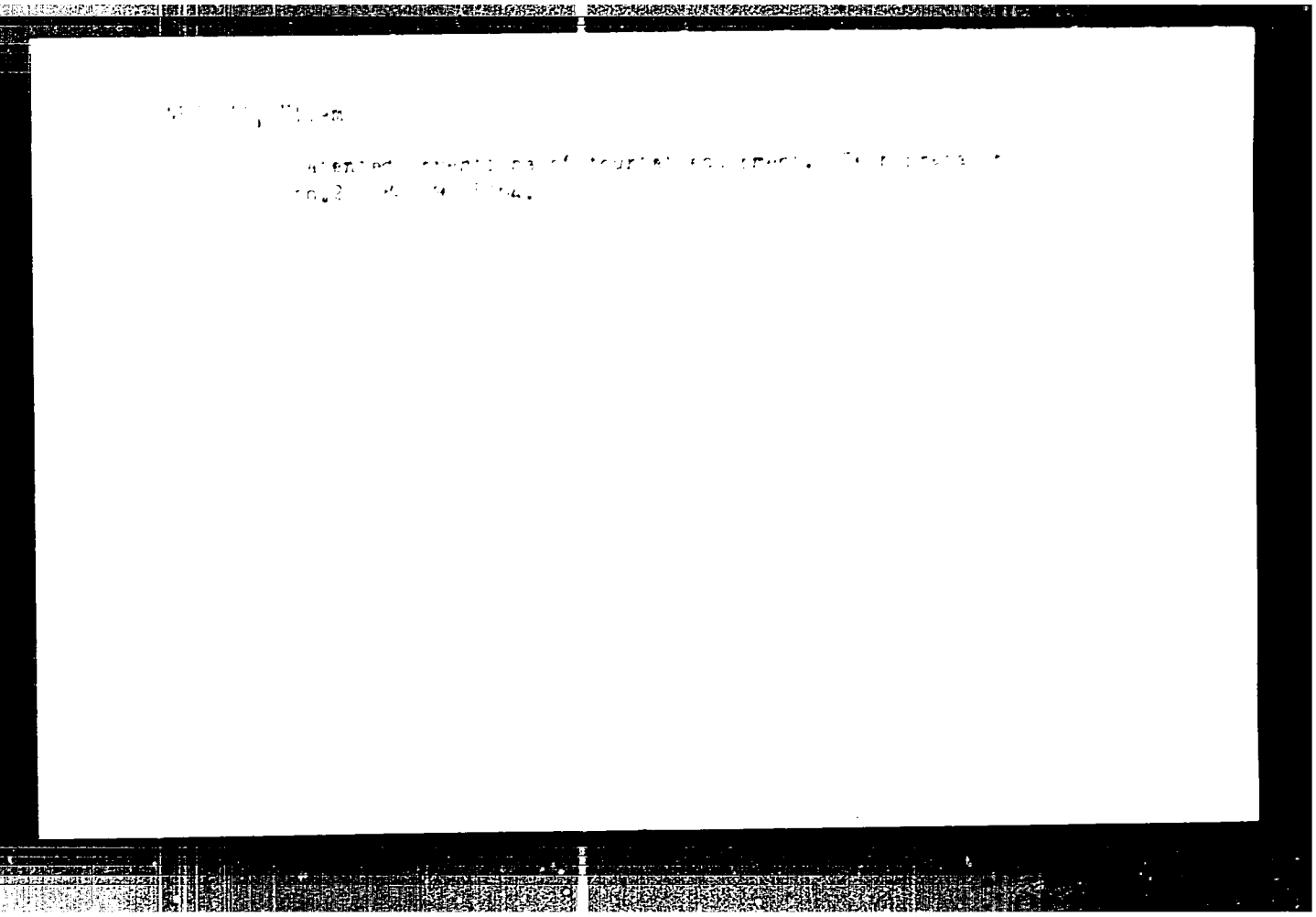
Fracture of the mandible at the time of tooth extraction. Czas. stomat. 18 no.2:139-143 F '65

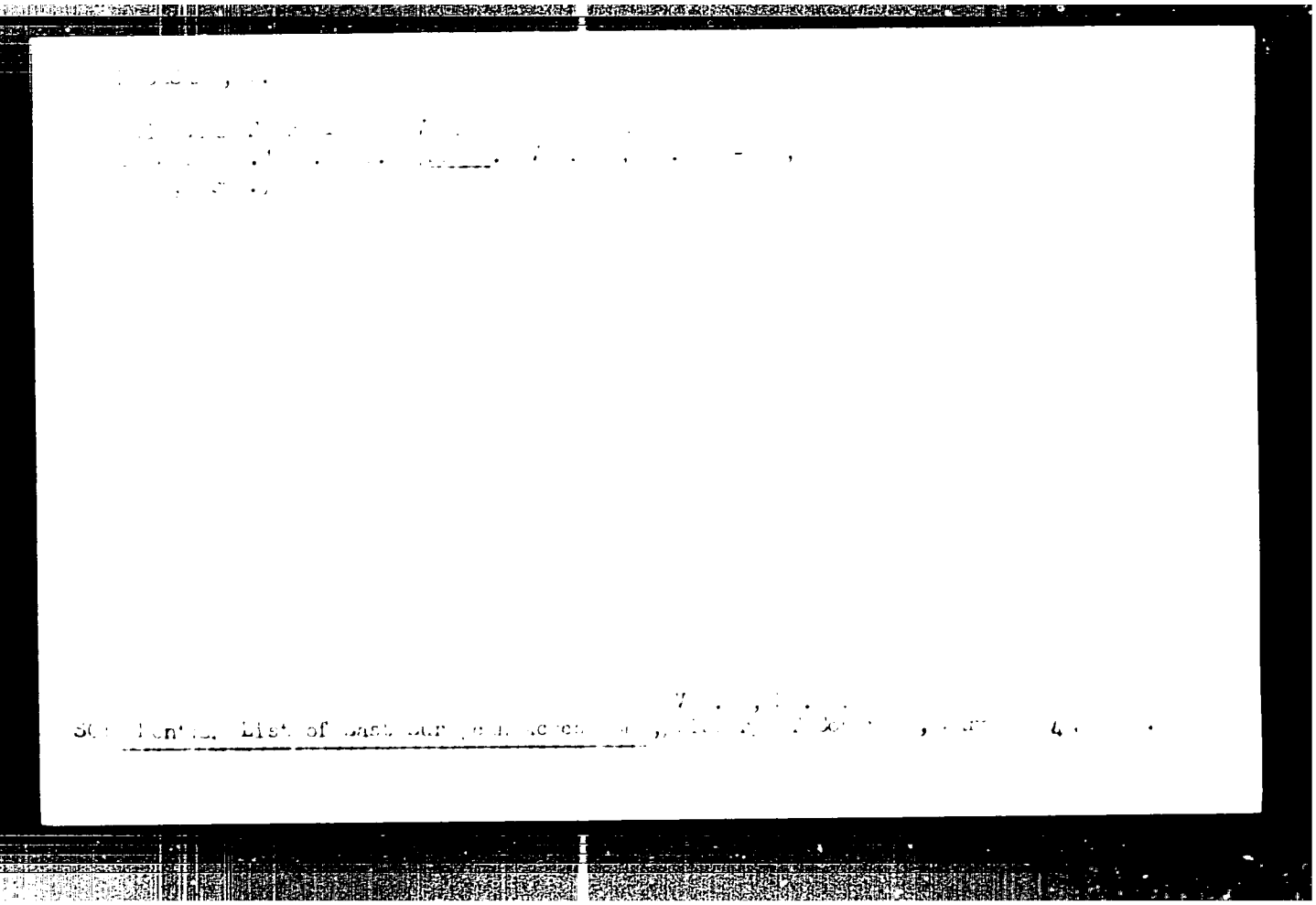
1. Z Oddzialu Chirurgii Szczekowej Akademii Medycznej w Krakowie. (Kierownik: dr. med. J. Drozdowski).

NECEK, Stanislaw

A metal bottle hanger for drip infusion. Pol. przegl. chir. 34 no.7:707-708 '62.

1. Z Oddzialu Chirurgicznego Szpitala im. Stefana Zeromskiego w Nowej Hucie Ordynator: dr T. Fialkowski.
(INFUSIONS PARENTERAL)





NECESANY, V.

Occurrence of reaction wood from the taxonomic point of view.
SBORNIK. ČADA C: S. ISY FAKULTY [illegible], Brno, No. 3, 19[illegible].

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, no. 6 June 19[illegible], Incl.

NECESANY, V.

SCIENCE

Periodicals: BIOLOGIA Vol. 10, no. 6, 1955.

NECESANY, V. Mechanical properties of wood in coniferous and deciduous trees. p. 642.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5, May 1959, Unclass.

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SCIENCE

Periodicals: BIOLOGIA Vol. 10, no. 6, 1955

NECESANY, V. Submicroscopic morphology of cell walls in compressions wood from coniferous trees. p. 647.

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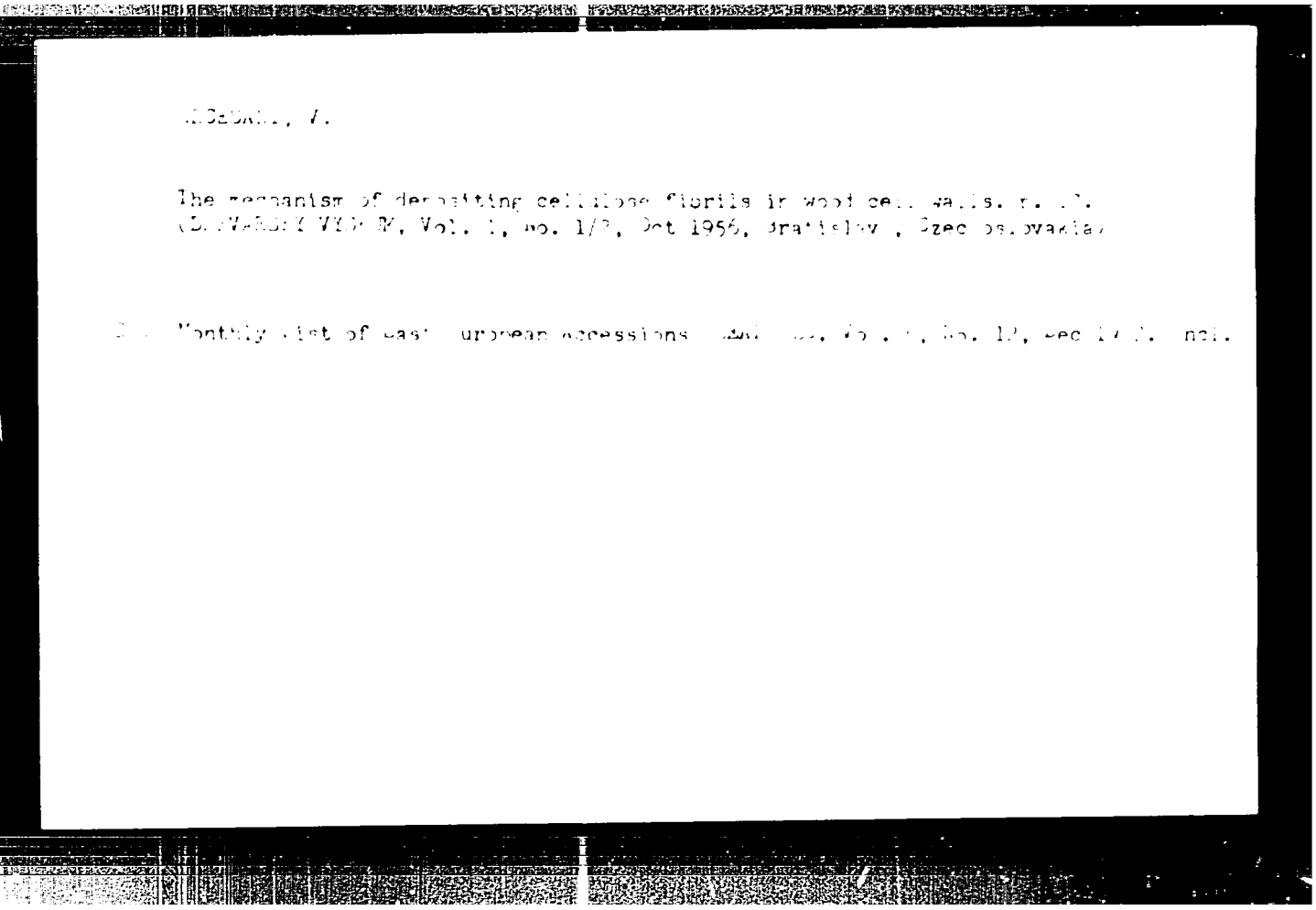

[illegible], V.

The mechanism of depositing cellulose fibrils in wood cell walls. [illegible]
([illegible] VYSK, Vol. 1, no. 1/2, Oct 1956, Bratislava, Czechoslovakia)

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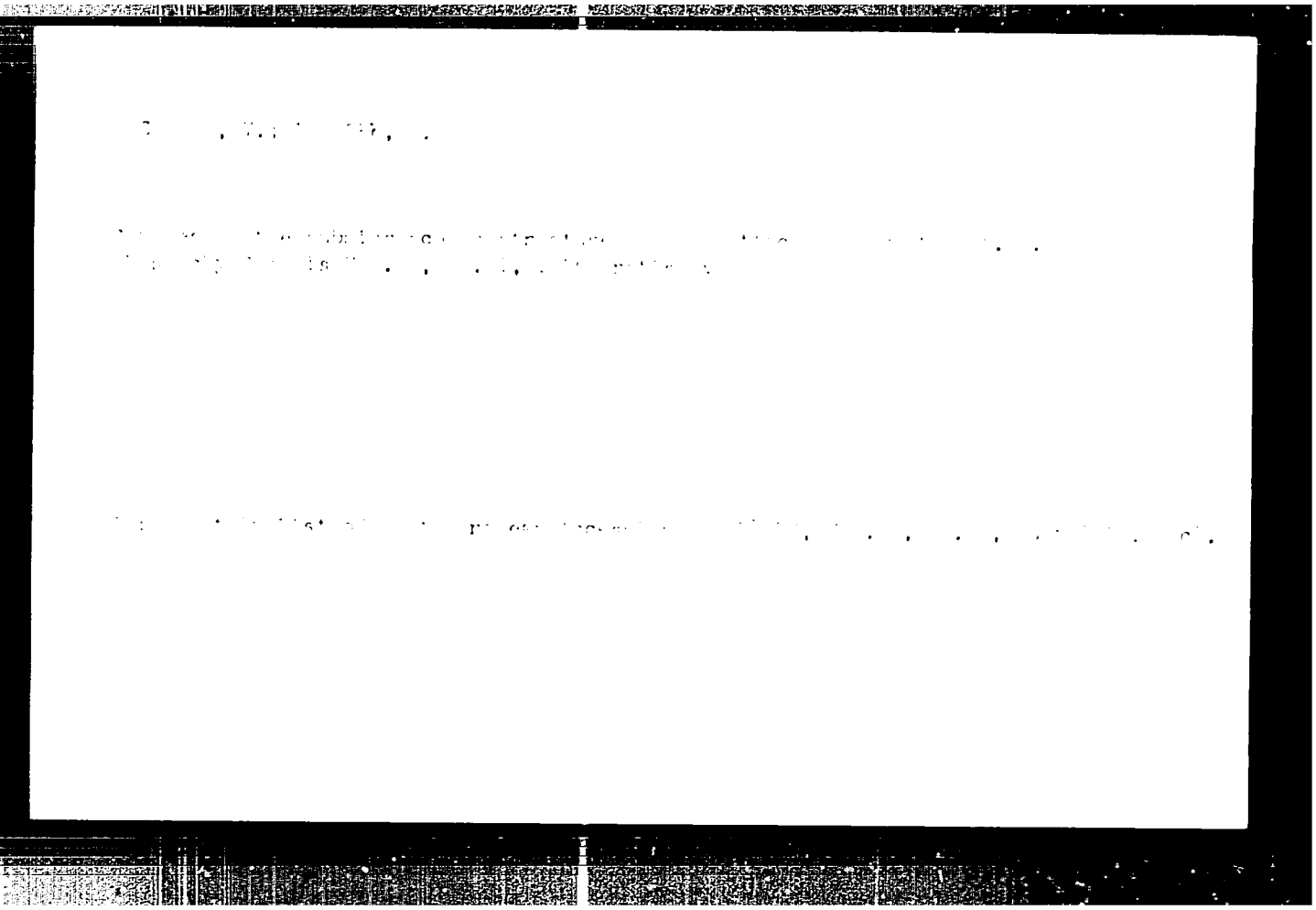

NEČESANÝ, V.

1958. Structure of reaction wood V Nečesaný *Preslia*, 1958, 30. 31—65 (Czech., English summary) A. ACKROYD

NECESANY, V.; MORAVCIVA, E.

Volumetric changes of Beechwood. II. Effect of cellulose content on cell-wall saturation and the amount of volumetric swelling of wood. p. 27.

DREVARSKY VYSKUM, Bratislava Czechoslovakia, Vol. 4, No. 1, June, 1956.

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

HECKSANY, Vladimir

Limbo wood. Drevo 18 no.5:203 My '63.

NECESANY, Vladimir

Information on exotic tombers; balsa. Drevo 18 no. 7:275 Jl '63.

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Structural changes of the inner surface of cell walls of wood and its constituents caused by swelling. Drevarsky vyskum no.2: 85-91 '62.

1. Statny drevarsky vyskumny ustav, Bratislava.

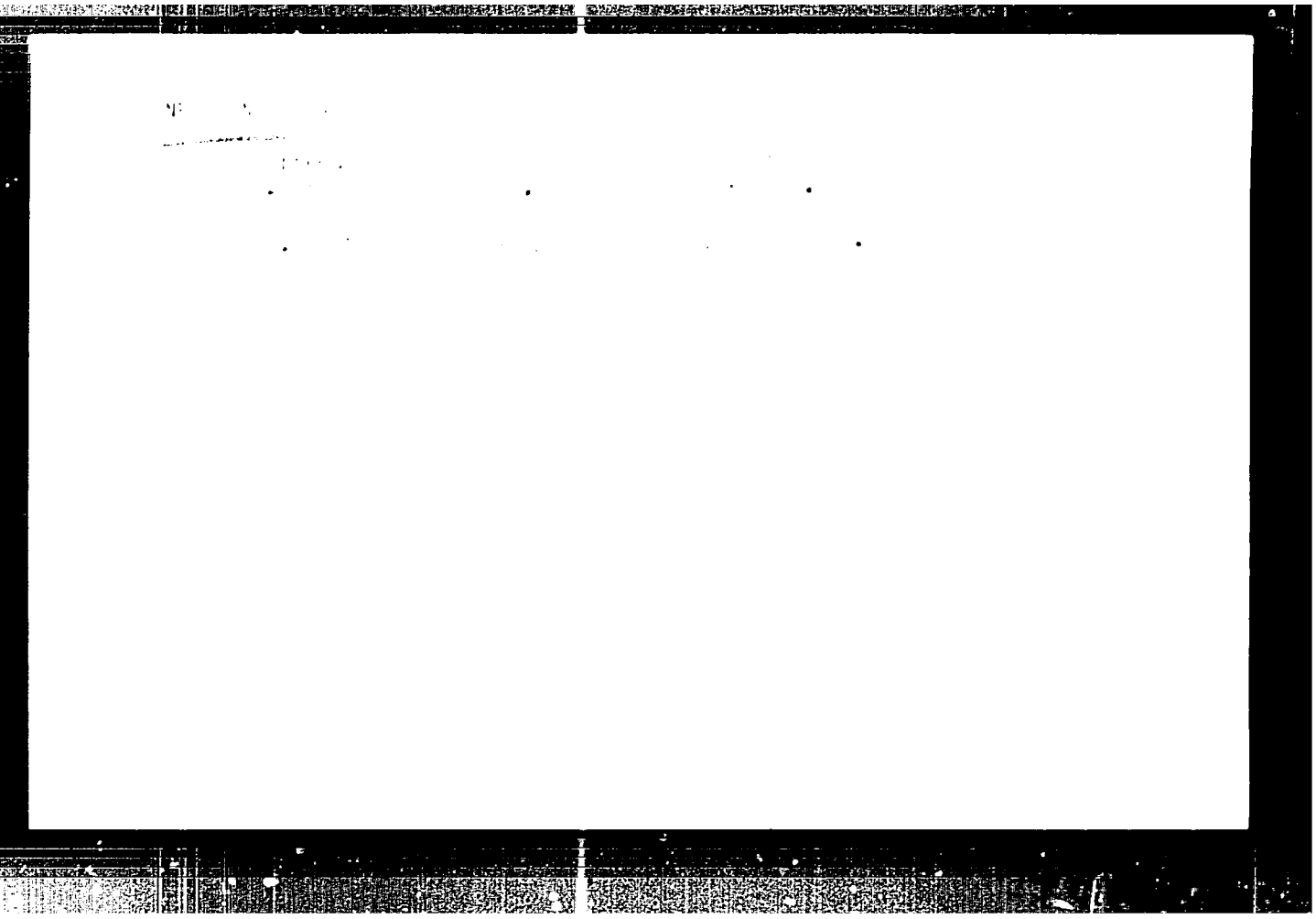
NECESANY, Vladimir

African pear tree Minusops hekkelii Hutch. and Dalz.
Drevo 18 no.4:153-154 Ap '63.

NE[illegible]SANY, Vladimir, [illegible]LOVA, [illegible]

Decomposition [illegible]
[illegible]purpureum [illegible]. Irevarsky [illegible]

1. Statny [illegible]evarsky V[illegible]



APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00113

[illegible]I, V.

"Scenery in the Area [illegible]

[illegible]. 195 (Krasy Slovensk[illegible]a, Vol. 3[illegible], No. [illegible], [illegible], Bratislava, [illegible])

GEOGRAPHY & GEOLOGY Periodicals

Monthly Index of East European Accessions (EEA[illegible]), Vol. [illegible], No. [illegible],
Nov. 19[illegible]

YUGOSLAVIA

NECEV, T., J. [illegible]EV, and [illegible] [illegible]CEV. Veterinary Institute (Veterinaren Institut) and Main Veterinary Hospital (Glavna Veterinarna Bolnica), Skopje.

"A Case of Pseudomonous Mastitis in a Cow."

Belgrade, Veterinarski Glasnik, Vol 1[illegible], No [illegible], 19[illegible], pp [illegible]-5[illegible].

Abstract: [Authors' English summary modified] The authors describe a case of exudative bovine mastitis caused by Pseudomonas aeruginosae, which was isolated in pure culture from the secretion of the inflamed udder. Several days of application of a mixture of antibiotics can be effective in the earliest stage of the disease. Later, however, antibiotics will not be able to reach the deeper strata of the inflammatory process [illegible] of thick secretions, and the udder will [illegible] [illegible]. Nineteen US, German, and Yugoslav references of recent date.

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1. Vyzkumny ustav reparsky, Semcice.

NECHANICKY, J.: PETERKA, V.

"Automatic control in the production of woodcutting plates."

Automatisace. Praha, Czechoslovakia. Vol. 2, no. 3, Mar 1959

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NECHANICKY, M.

Economical operation of pumping stations. p.1[illegible].
(Voda, Vol. 3[illegible], No. [illegible], June 19[illegible], Praha, Czechoslovakia

SO: Monthly List of East European Accessions (EEAL) LC. Vol. [illegible], No. [illegible], Sept. 19[illegible]. Uncl.

FRIEDBERGER, V., MUDr.; NECHANICKY, R., MUDr.

Fractures of the sternum. Acta chir. orthop. traum. cech. 23 no.3:121-123 June 56.

1. Z II. chirurgicke kliniky akademika J. Divise.
(STERNUM, fract.
management (Cz))
(FRACTURES,
sternum, management (Cz))

FRIEDBERGER, V., MUDr.; MECHANICKY, R., MUDr.

Prerequisites for good results in intramedullary pinning. Rozhl. chir. 35 no.5:292-298 May 56.

1. Z II chirurgicke kliniky akademika J. Divis.
(BONE AND BONES, fract.
surg., intramedullary pinning, technic & prerequisites
(Cz))

15-1957-7-9045

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7, p 31 (USSR)

AUTHOR: Likharev, B. K., Nechanyev, A. V.

TITLE: Gastropods of the Middle and Upper Carboniferous of Fergana. P. 1. Superfamily Bellerophontacea (Gastropody srednego i verkhnego karbona Fergany. Ch. 1. Nadsemeystvo Bellerophontacea)

PERIODICAL: Tr. Vses. n.-i. geol. in-ta, 1956, vol 16, p 76, 111.

ABSTRACT: Thirty-four species of gastropods are described, 21 of them new, belonging to the genera Bellerophon, Pharkidonotus, Bucaniopsis, Patellostium, Euphemites (family Bellerophontidae), Tropidodiscus, and Cyrtodiscus (family Bucanildae). The basis of the work was the posthumous manuscript of A. V. Nechayeva, in which approximately 19 species of Fergana gastropods from the collections of V.N. Veber were described. During revision and re-examination of the material thin sections of the shells were commonly used.

Card 1/2

15-1957-7-9045

Gastropods of the Middle and Upper Carboniferous of Fergana (Cont.)

14 tables. Bibliography with 31 titles.

R. L. Merklin

Card 2/2

NECHASOV, N. Oct 53

USSR/Medicine - Brucellosis

"The Problem of the Stage Development of Brucellae in Brucellosis," N. Nechasov, [illegible] Republic Antibrucellosis Sta

Zhur Mikro Epid i Immun, No 10, [illegible] 86.

Variations in the clinical manifestations of brucellosis may be due to changes in the biological characteristics of the causative factor. The defensive forces of the organism bring about destruction of brucellosis microbes with formation of filterable forms that have a lowered pathogenicity. Under appropriate conditions, the filterable forms may regenerate into pathogenic vegetative forms in the organism.

20ST27

NECHAY, Andrzej; STEMPIEN, Andrzej

Nonlinear two-variable function unit. Archiw automat 5 no.3:355-379 '60. (EEAI 10:6)

1. Polska Akademia Nauk, Zaklad Automatyki.
(Automatic control)

NECHAY, Andrzej; STEMPIEN, Andrzej

Remarks on the practical application of logic systems to function generators. Archiw automat 6 no.1:71-78 '61. (EEAI 10:5)

1. Polska Akademia Nauk, Zaklad Automatyki.
(Automatic control) (Logic machines)

NECHAY, A.I.

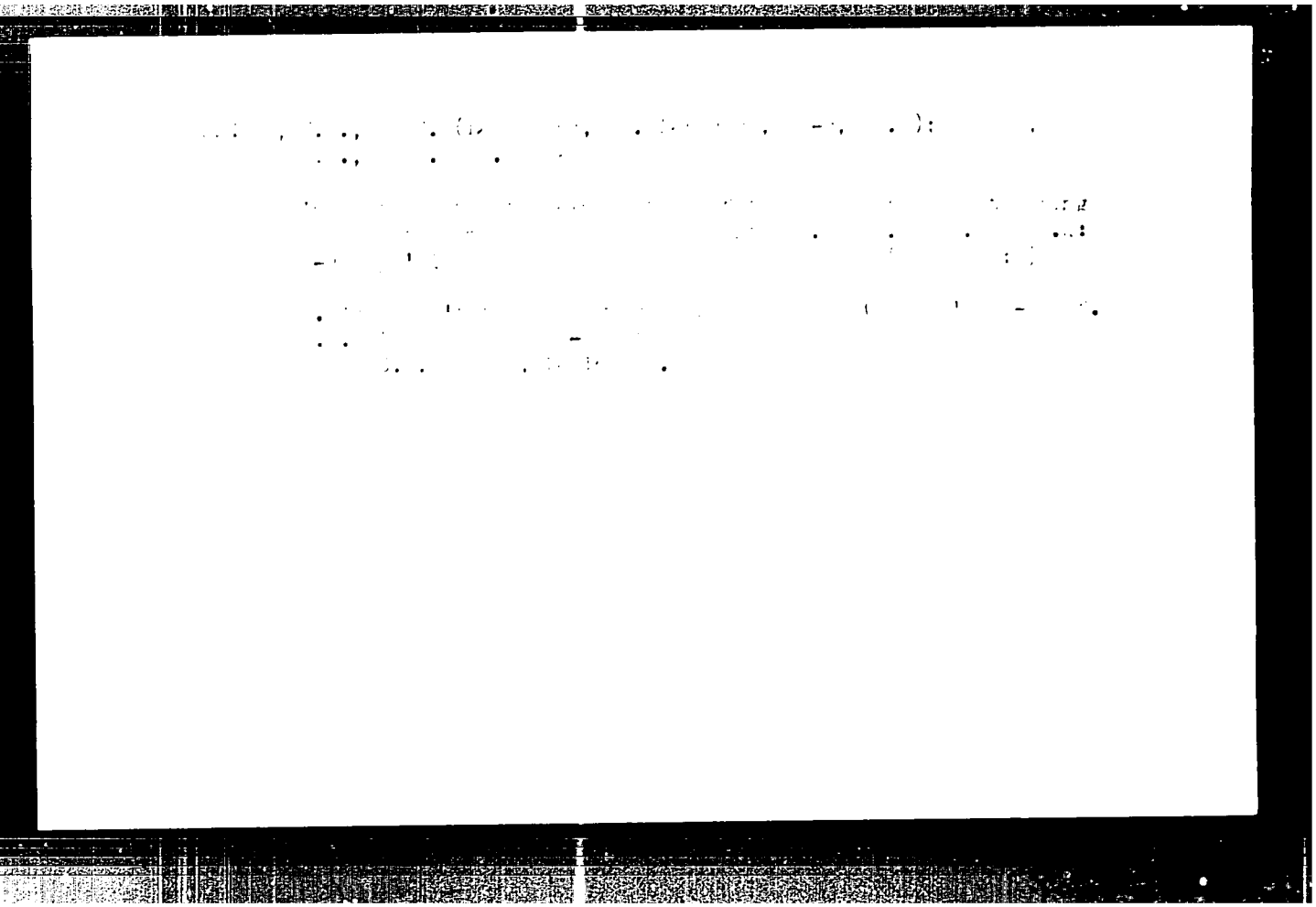
Leukocytic reaction as an index of reactivity in operations under hypothermia. Vest.khir. 84 no.1:112-117 Ja '60. (MIRA 13:10)

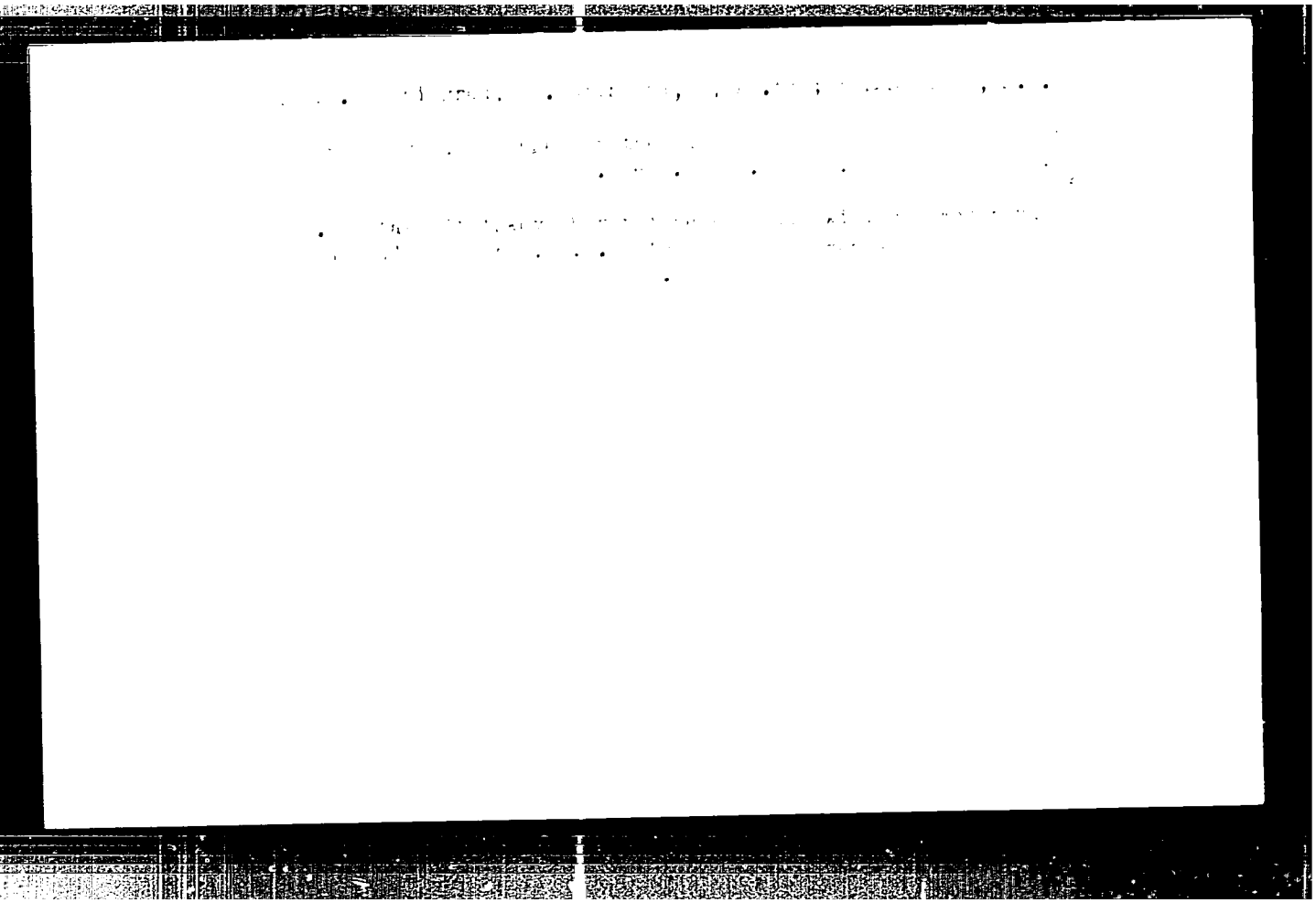
(HYPOTHERMIA) (LEUKOCYTES)

SITENKO, V.M., prof. (Leningrad, ul.Lebedeva,d.10-g,kv.2); NECHAY, A.I.

Stenosis of the terminal segment of the common bile duct of noncancerous origin. Vest.khir. 89 no.9:57-62 S '62.
(MIRA 15:12)

1. Iz fakul'tetskoy khirurgicheskoy kliniki imeni S.P.Fedorova (nachal'nik - prof. V.M.Sitenko) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.
(BILE DUCTS--DISEASES)





MECHAY, A.M.

Analysis of lithological properties of rocks based on results of geophysical well logging. Prikl.geofiz. no.11:3-49 '54. (MLRA 8:10)

(Oil well logging) (Rocks--Analysis)

MECHAY, A. M. and OSTROTSKIY, G. N.

"Utilization of Radioactive Isotopes in the Oil Fields of the Grozneft' Association," Utilization of Radioactive Isotopes & Emanations in the Petroleum Inudustry (Symposium), Min. Petroleum Industry USSR, 1957.

Results of the Joint Session of the Technical Council of Min of the Petroleum Industry USSR and Soviet Sci and Technical Association, Moscow 14-15 Mar 57.

NECHAY, A. M.

Estimating the productivity and reservoir properties of crumbling carbonate rocks. Prikl. geofiz. no.26:149-185 '60.
(MIRA 13:8)

(Rocks--Permeability)
(Petroleum engineering)