SMOLIGOVETS, P.V., starshiy nauchnyy sotrudnik, kand. med. nauk (Kiyev)

Effect of acidophilic-yeast milk products on the exocrine function of the pandreas in peptic ulcer and chronic gastritis. Vrach. delo no.10:48-53 O '63. (MIRA 17:2)

1. Klinika lechebnogo pitaniya (zav. - doktor med. nauk M.S. Govorova) Ukrainskogo nauchno-issledovatel'skogo instituta pitaniya.

SMOLIGOVETS, P.V. [Smolihovets', P.V.]

Effect of atropine on the exocrine secretion of the pancreas in chronic gastritis and peptic ulcer patients. Fiziol. zhur. [Ukr.] 10 no.2:221-226 Mr-Ap '64. (MIRA 18:7)

1. Institut fiziologii im. A.A.Bogomol'tsa AN UkrSSR i Ukrainskiy nauchno-issledovatel'skiy institut pitaniya Ministerstva zdravookhraneniya UkrSSR, Kiyev.

SMOLIGOVETS, P.V. [Smolihovets', P.V.]

Exocrine function of the pancreas and the contracting function of the gallbladder and pyloric sphincter in peptic ulcer. Fiziol.zhur. [Ukr.] 11 no.4:491-497 Jl-Ag '65. (MIRA 18:10)

1. Laboratoriya funktsional'noy diagnostiki Ukrainskogo nauchno-issledovatel'skogo instituta pitaniya, Kiyev.

SMOLIK, A.

Standardization of electric measuring, controlling and regulating devices. p.129. (Normalisace, Vol. 6, No. 6, June 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

SMOLIK, A.

TECHNOLOGY

PERIODICAL: RUDY Vol. 6, no. 7, July 1958

SMOLIK, A.; BODNAR, S. Results of tests with a UDM slinger-type mine-filling machine. p. 218

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

EXCERPTA MEDICA Sec.9 Vol.11/3 Surgery Aug 1957
SMOLIK A.

4028. (784) SMOLIK A. Podstawie Materiału Szpit. Urazowego im T. Kościuszki, Piekarach Śl. * Leczenie i wyniki okaleczenia rąk i palców. Spostrzeżenia kliniczne. The treatment and results of injuries to the hands and fingers POL. PRZEGL. CHIR. 1956, 28/9 (929-938) Tables 10 Illus. 4

Age, character of employment or occupation, frequency of injury to the left or right hand, the place where the accident occurred, and the site and nature of the injuries are considered. Therapeutic methods and their results are presented in detail. After an analysis of the material as a whole, appropriate conclusions are drawn and precautionary measures are given which may lead to a decrease in the percentage of injuries.

SMOLIK, ALOJZJUSZ

DAAB, Janusz; SMOLIK, Alojzjusz

Statistical analysis of spinal injuries with cord lesions. Chir. narz. ruchu 22 no.3:337-344 1957.

1. Z Wojewodzkiego Szpitala Chirurgii Urazowej w Piekarach Sl. Dyrektor i kierownik naukowy: Wl. Sowinski.

(SPINE, fractures
with spinal cord inj., surg. statist. (Pol))
(SPINAL CORD, wds. & inj.
caused by fract. of spine, surg. statist. (Pol))

1033. COMPLICATIONS AND FAILURES IN THE TREATMENT OF FRACTURES OF THE SPINE WITH CORD INJURIES - Powiklania i błędy w leczeniu urazów kregoslupa z uszkodzeniem rdzenia kręgowego - Smolik A. Wojewódzk. Szpit. Chir. Urazowej, Piekary Sl. - CHIR. NARZAD. RUCHU 1957, 22/3 (345-351) Graphs 4 Tables 1

On the basis of 328 fractures of the spine accompanied by cord lesion, common complications and failures are described. Nervous system, urinary tract, respiratory and digestive systems and locomotor apparatus are concerned. Attempts to overcome complications, undertaken in successive years, are described. They varied according to the development and progress of therapeutic methods available. Causes of the late mortality are analysed. The fatality rate was 43.5% for cervical fractures, 21% for thoracic fractures and 9% for lumbar spine fractures. The most frequent causes of death were as follows: ascending cord oedema, severe inflammation, infection of the urinary tract, cachexia, haemorrhages of the internal organs, pneumonia and fractures and injuries of other parts of the body. The analysis points out that there is as yet no adequate method for treatment of fractures of the spine with cord injury. (IX, 8)

SMOLIK, Alojzjusz

Peri-capital and trans-cervical fractures of the femur in older subjects. Chir.narz.ruchu ortop.polska 25 no.1:25-30 '60.

1. Z Wojewodzkiego Szpitala Chirurgii Urazowej w Piekarach Sl. Dyrektor: dr. W. Sowinski.
(FEMUR NECK fract.& disloc.)

KROL, Edward; SMOLIK, Alojzjusz

Analysis of causes of ununited fractures of shafts of the long bone. Chir. narz. ruchu ortop. polska 26 no.6:645-648 '61.

1. Z Wojwodzkiego Szpitala Chirurgii Urazowej w Piekarach Sl. Dyrektor i Kierownik Naukowy: dr W. Sowinski.
(FRACTURES UNUNITED etiol)

SMOLIK, Alojzjusz

Therapeutic management of cervical spine injuries with paralysis. Chir. narzad. ruchu ortop. Pol. 28 no.7:795-797 '63

1. Z Wojewodzkiego Szpitala Chirurgii Urazowej w Piekarach Slaskich (Dyrektor: dr. W. Sowinski).

SMOLIK, Alojzjusz; SOSNIERZ, Marian

Pathomorphological picture of homologous grafts of the upper epiphysis of the femoral bone in dogs. Pat. Pol. 16 no.3: 243-254 Jl-S '65.

1. Z Zakladu Anatomii Prawidlowej i Topograficznej Slaskiej AM w Zabrzu (Kierownik: prof. dr. med. S. Kohmann) i z Zakladu Anatomii Patologicznej Slaskiej AM w Zabrzu (Kierownik: prof. dr. med. W. Niepolomski).

SMOLIK, Antonin

Study in the enterprise institutes in Slovakia. Podn org 18 no.7:293-294 Jl '64.

1. Ministry of General Mechanical Engineering, Bratislava.

Smolik, Ch. K.
P-2

PHASE I BOOK EXPLOITATION SOV/3544

Akademiya nauk SSSR. Otdeleniye fiziko-matematicheskikh nauk

Fizika tverdogo tela; sbornik statey, II (Solid State Physics; Collection of Articles, II) Moscow, Izd-vo AN SSR, 1959. 328 p. 3,500 copies printed.

Ed.: A.F.Ioffe, Academician; Ed. of Publishing House: V. N. Filipovich; Tech. Ed.: R.A. Zamarayeva.

PURPOSE: This collection of articles is intended for physicists investigating the structures and properties of solids.

COVERAGE: This volume II of a two-volume collection of articles dealing with problems of solid state physics, was prepared by the Department of Physics and Mathematics, Academy of Sciences, USSR. The authors report on the physical properties of semiconductors such as germanium, cadmium sulfide, cadmium selenide, gallium arsenide, silicon, and various metal alloys. The electrical conductivity of these substances is studied. The effects of irradiation and acoustic phonons on semiconductors are also investigated. Several articles are

Card 1/9

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B102/B138

Pulse method study of...

286°C. The following parameters were measured: neutron life (T) and diffusion coefficient (D), coefficient of diffusion cooling (C) non-diffusion correction (d) (N. Sjöstrand. Arkiv fys. 15, 147 (1959)) transport free path (λ_{tr}), transport cross section (σ_{tr}), diffusion length (L) and mean cosine of neutron scattering angle ($\overline{\cos\theta}$). For water at 21°C the following diffusion parameters were measured: T = 207 ± 7 μsec, D = (0.35 ± 0.01)·10^5 cm^2/sec, C-d = (0.04 - 0.01)·10^5 cm^4/sec. The diffusion parameters for ice at -196°C are given in the table. The experimental values were approximated by means of the following formulas:

$$\frac{D(t^\circ C)}{D(21^\circ C)} = (0{,}934 \pm 0{,}028) + (0{,}289 \pm 0{,}009)\,10^{-2}t + (0{,}106 \pm 0{,}03)\,10^{-4}t^2. \quad (5),$$

$\overline{\cos\theta} = 1 - \lambda_s/\lambda_{tr}$ (λ_s - scattering mean free path),

Card 2/4

Pulse method study of...

slowing-down time is much greater than in water. The authors thank I. M. Frank for interest, B. V. Makarov, V. M. Gulikov, V. V. Talakvadze, and Ye. A. Velichenkova for assistance. There are 7 figures, 1 table, and 17 references: 3 Soviet and 14 non-Soviet. The four most recent references to English-language publications read as follows: K. Beckurts. Symposium on "In Pile Neutron Spectra and Pulsed Neutrons Methods". Denmark, 1960; D. Hughes et al. Phys. Rev., 119, 872 (1960); D. Hughes, R. Schwards. Neutron Cross Sections. New York, 1958; K. Rockey, S. Skolnik. Nucl. Sci. Engng, 8, 62 (1960).

SUBMITTED: July 1, 1961

Table

t, °C	ρ, г/см³	T, мксек	$10^5 \frac{D}{см^2/сек}$	$\frac{(C-d)}{10^5 см^4/сек}$	L, см	σ_{tr}, барн	λ_{tr}, см	$\overline{\cos\theta}$
−196	0,917±0,010	215±10	0,095±0,004	0,02±0,01	1,43±0,07	146±6	0,224±0,009	—
—	—	222	0,105±0,004	0,025±0,10	1,53±0,08	132±6	0,248±0,010	0,10±0,05

Card 4/4

ANTONOV, A.V.; GRANATKIN, B.V.; MERKUL'YEV, Yu.A.; PUZANOV, V.V.; SMOLIK, Ch.K.

Neutron diffusion for water and ice at temperatures near 0°C and -80°C. Atom. energ. 13 no.4:373-374 O '62. (MIRA 15:9)
(Neutrons—Scattering)

CZECHOSLOVAKIA / General and Specialized Zoology. Insects. P

Abs Jour: Ref Zhur-Biol., No 2, 1958, 6748.

Author : Smolik, Dusan.
Inst : Not given.
Title : Principle Diseases and Pests of Seed Grasses and Methods for Their Control.

Orig Pub: Socialist, zemed., 1956, 6, No 22, 1351-1355.

Abstract: The significance of diseases and pests for agriculture and the degree to which they reduce seed production are discussed. The necessity for taking measures of a preventive character, reducing the harm of the diseases and pests to a minimum, is indicated. -- D. P. Dovnar - Zapol'skiy.

Card 1/1

SMOLIK, Dusan, inz. CSc.

Antierosion capacity of low plants on the spoil heaps of the Ostrava region. Uhli 7 no.3:98-99 '65.

SMOLIK, F

SMOLIK, F. Selection of industrial power equipment. p. 564

Vol. 4, No. 5, May 1955
TEKSTIL
TECHNOLOGY
Zagreb

So: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, (EEAL), Vol. 4, No. 9,
Sept. 1955

SMOLIK, F.

New trends in constructing textile machinery. p. 257. TEKSTIL. (Drustvo inzenjera i tehnicara tekstilaca Hrvatske) Zagreb. Vol. 5, no. 4, Apr. 1956.

So. East European Accessions List Vol. 5, No. 9 September, 1956

SMOLIK, F.

Production and economy of heat in our enterprises. p. 517. TEKSTIL (Rustvo inzenjera i techicara tekstilaca Hrvatske) Zagreb. Vol. 5, no. 7, July 1956.

SOURCE: East Europe Accession List (EEAL), Library of Congress, Vol. 5, no. 11, Nov. 1956

SMOLIK, F.

PHASE I BOOK EXPLOITATION CZECH/4142

Lavante, Arnošt, and František Smolík

Amatérská televizní příručka (Handbook of Amateur Television) [3rd ed.] Praha, Naše vojsko, Svaz pro spolupráci s armádou, 1959. 481 p. (Series: Kniznice radiotechniky, svazek 7) 8,000 copies printed.

Resp. Ed.: Miroslava Ditmarová.

PURPOSE: This handbook is intended for radio amateurs.

COVERAGE: The author says that the changes which have occurred in television broadcasting in Europe, particularly Czechoslovakia, and new developments and improvements introduced in television technology during the two years since the appearance of the second edition of this Handbook have made necessary the publication of this third enlarged and revised edition. The number of television receivers in Czechoslovakia has increased since 1957 three times and on May 30, 1959 reached 300,000 sets. The steady rise in demand for TV receivers has led to a rise in their domestic production and to the importation of foreign sets. At present an all-European agreement on TV channels IV and V is being considered. It is supposed to be uniform for both European broadcasting organizations, the Western E.B.U. (European Broadcasting Union) and the Eastern O.I.R. (Organiza-

Card 1/3

H/004/60/000/016/001/002

AUTHOR: Smolík, František

TITLE: "Foxhunt"

PERIODICAL: Tudomány és Technika, 1960, No. 16, pp. 484-485, front and rear cover

TEXT: The author reports on an international competition called "Foxhunt" organized in Leipzig, GDR (date not given). Radio transmitters had to be located within a possibly short time by means of portable direction finders. The competition was also meant to be a training for detecting hidden radio transmitters. According to contest rules the competition operated on the 3.5 and 145 Mc bands, respectively the 80 and 2 m wave lengths. Three "foxes" were used in each competition, operating on various frequencies within the same wave band. The energy of the radio frequencies emitted was 1 w. The "foxes", i.e. transmitters, had been placed about 4 km apart; the maximum time granted for finding one was 325 minutes. The Czechoslovak competitors used devices weighing 3.5 kg including the battery accumulator. The author suggests in this connection to replace the electron tubes in the Czech devices with semi-

Card 1/2

SZABO, Istvan, altavornagy; DIENES, Bela; SMOLIK, Frantisek; HIDVEGI, Tibor (Ha 8 WS)

"Radiotechnika" is 10 years old. Radiotechnika 11 no. 11:322-323 N '61.

1. Koho-es Gepipari Miniszterium Hiradastechnikai Igazgatosag formernoke (for Dienes).
2. Magyar Honcedelmi Sportszovetseg Orszagos Elnokseg elnoke (for Szabo).
3. Ameterske Radio "foszerlesztpke, Praha, Czechoslovakia (for Smolik).
4. Magyar Honcedelmi Sportszovetseg Kozponti Radioklub vezetojees "Radiotechnika" szerkeszto bizottsagi tagja (for Hidvegi.)

SMOLIK, F. (Praga)

We like you, comrades! Radio no.12:16 D '61. (MIRA 14:12)
(Radio operators) (Amateur radio stations)

SZABO, Istvan, altabornagy; DIENES, Bela; SMOLIK, Frantisek; HIDVEGI, Tibor (HA 8 [redacted])

"Radiotechnika" is 10 years old. Radiotechnika 11 no.11:322-323 N '61.

1. Magyar Honvedelmi Sportszovetseg Orszagos Elnokseg elnoke (for Szabo). 2. Koho- es Gepipari Ministerium Hiradastechnikai Igazgatosag fomernoke (for Dienes. 3. "Ameterske Radio" fo[redacted]zerkesztoje, Praha, Czechoslovakia (for Smolik). 4. Magyar Honvedelmi Sportszovetseg Kozponti Radioklub vezetoje es "Radiotechnika" szerkeszto bizottsagi tagja (for Hidvegi).

SMOLIK, Frantisek

Thus Czechoslovak radio amateurs work. Radiotechnika 15 no.4:145-146 Ap '65.

1. Editor-in-Chief, "Amaterske Radio", Czechoslovakia.

SMOLIK, J.

Criticism of the methods of calculation of gas-pressure losses in pipes. p. 264.

ZDRAVOTNI TECHNIKA A VZDUCHOTECHNIKA. (Ceskoslovenska akademie ved. Ceskoslovenska vedecka technicka spolecnost pro zdravotni techniku a vzduchotechniku) Praha, Czechoslovakia, Vol. 2, no. 6, 1959

Monthly List of East European Accession (EEAI), LC Vol. 9, no. 2, Feb. 1960

Uncl.

SMOLIK, J

621.314.214.323

5049. Tap-changing equipment for 100 kV transformers with insulated neutral point. J. SMOLIK. *Elektrotech. Obzor*, 44, *No.* 5, 264–5 (1955). In Czech.

The development of tap-changing equipment in the Lenin Works, Pilsen, is briefly reviewed and the first type of a 100 kV transformer control unit with 17-step selector and separate instantaneous diverter (transfer) switch with auxiliary resistances is described. One modification of this type has the switch mounted on the bushing, another under the cover of the transformer. ELECTRICAL RESEARCH ASSOCIATION

SMOLIK, J. Ing.

Dimension parameters of airborne dust. Pracovni lek. 7 no.4: 229-232 Jy '55.

1. Ustav.tepelen a zdrav. tekhniky CVUT Praha.
(DUST, determination
dimension parameter in air)

SMOLIK, Josef

Passage through gas-and-water-bearing strata in sinking the CSM Stonava-North Mine. Uhli 5 no.7:227-232 Jl '63.

1. Vystavba Ostravsko-Karvinskych dolu, n.p., Ostrava.

L 54023-65 EPF(c)/EWG(v)/EPR/EPA(w)-2/EWP(j) Pc-4/Pab-10/Pe-5/Pr-4/Ps-4 WW/RM
ACCESSION NR: AP5016820 CZ/0017/64/053/011/0599/0602

AUTHOR: Smolik, Karel (Engineer); Kolar, L'udovit (Engineer)

TITLE: Influence of the cable varnish on the aging of wires insulated with PVC from the viewpoint of the insulation resistance

SOURCE: Elektrotechnicky obzor, v. 53, no. 11, 1964, 599-602

TOPIC TAGS: insulated wire, electric insulation, vinyl plastic

ABSTRACT: Investigated was the effect of the cable varnish on the insulation property of the softened polyvinyl chloride applied to various models of wire insulations. It was proved that the effect is of decisive importance. Also studied was the insulation resistance of softened polyvinylchloride with regard to time and without the effect of the cable varnish. The conclusion is made that the cable varnish may influence the aging of wires, insulated with softened polyvinyl chloride, to a considerable degree. Orig. art. has: 2 graphs, 11 tables.

Card 1/2

L 54023-65

ACCESSION NR: AP5016820

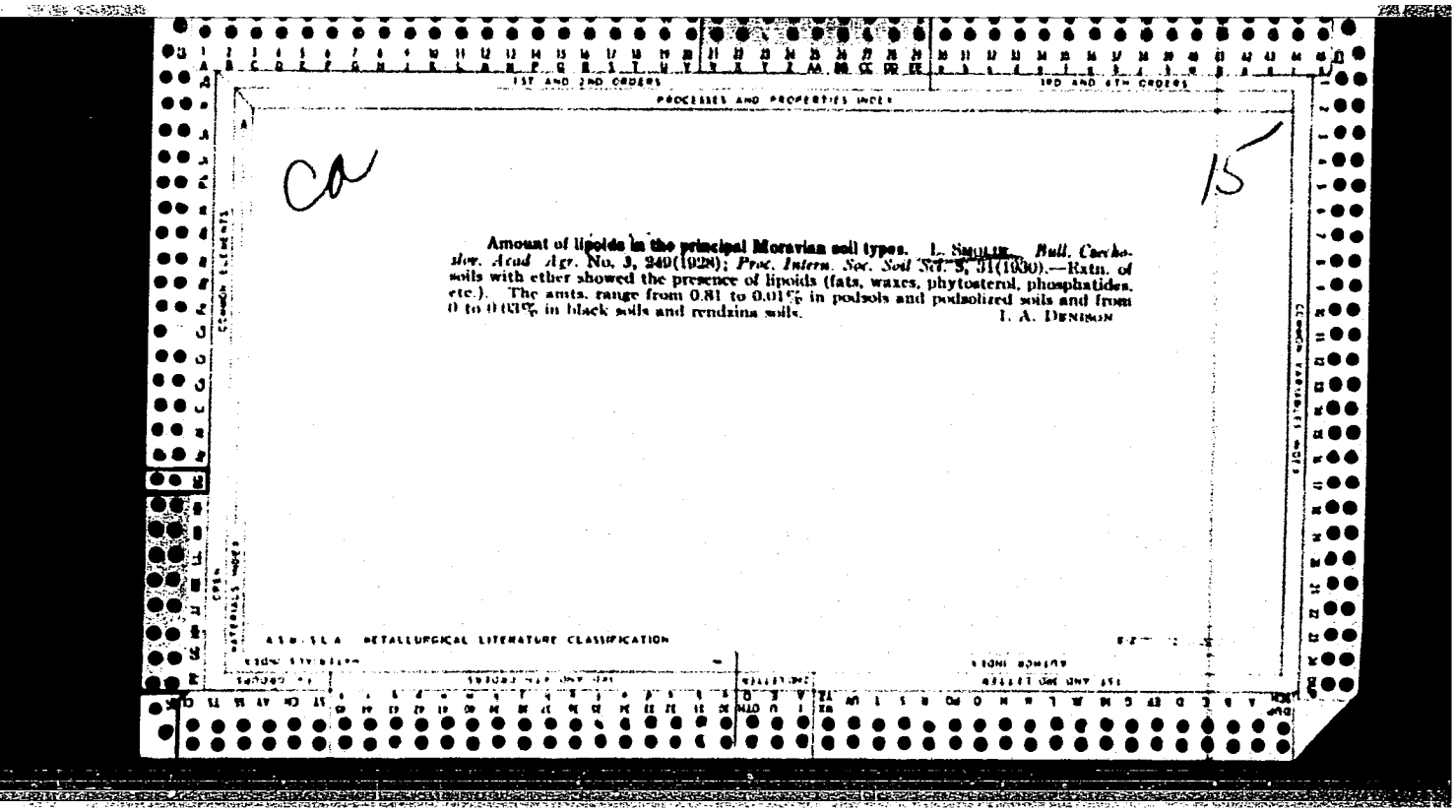
2

ASSOCIATION: /Smolik/Kablo Kladno, n. p., zavod Kablo,Hostivar (Kladno Cable n. p., Cable Factory); /Kolar/ Vyskumny ustav kablov a izolantov, Bratislava (Research Institute for Cables and Insulators)

SUBMITTED: 02Dec63 ENCL: 00 SUB CODE: EE, MT

NO REF SOV: 000 OTHER: 006 JPRS

Card 2/2



CA 15

Amount of lipoids in the principal Moravian soil types. L. Smolík. *Bull. Czechoslov. Acad. Agr.* No. 3, 240(1928); *Proc. Intern. Soc. Soil Sci.* 5, 31(1930).—Extns. of soils with ether showed the presence of lipoids (fats, waxes, phytosterol, phosphatides, etc.). The amts. range from 0.81 to 0.01% in podsols and podsolized soils and from 0 to 0.03% in black soils and rendzina soils.

I. A. Denison

PROCESSES AND PROPERTIES INDEX

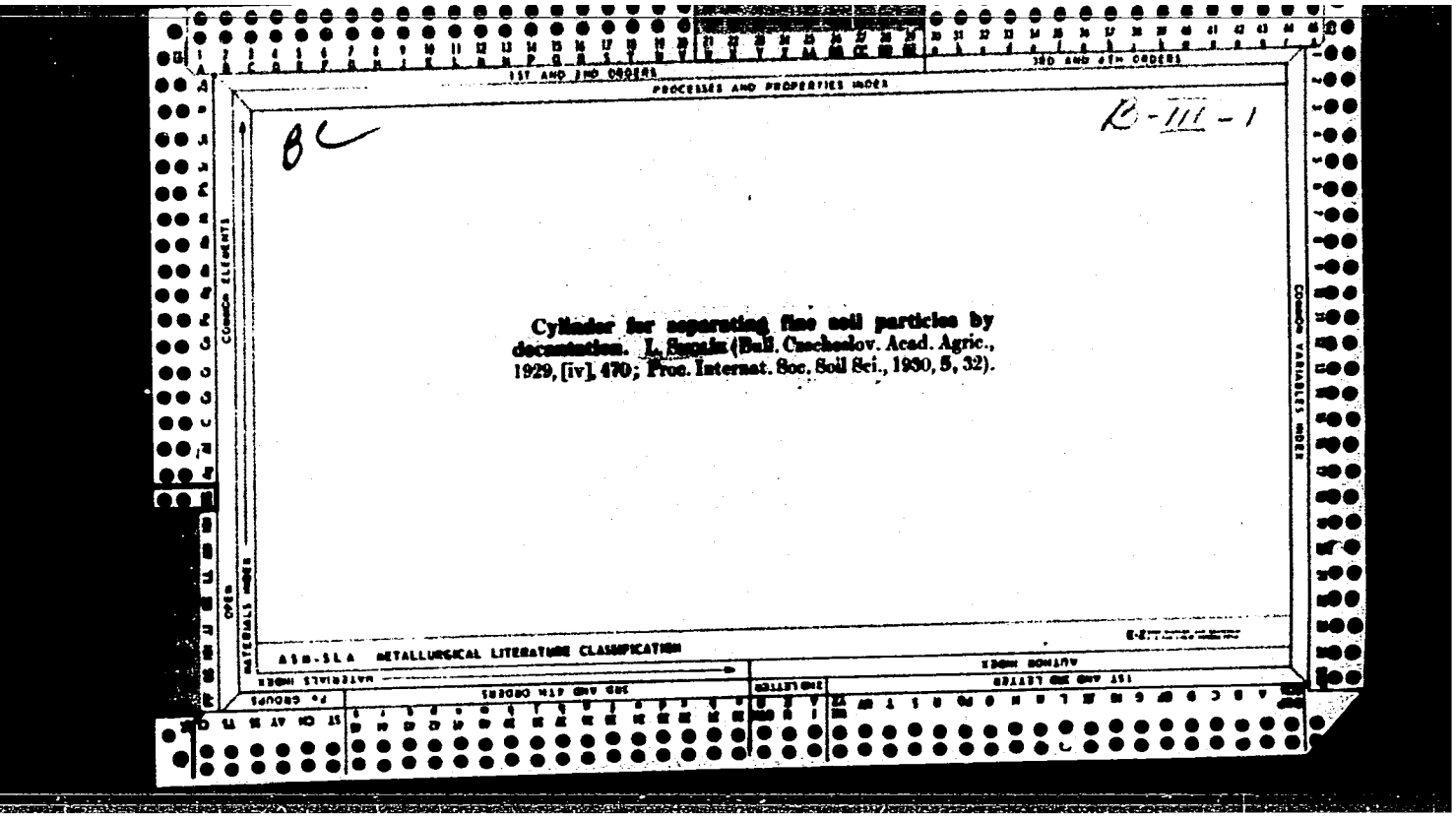
B-III-1

BC

Significance of the volume-weight for soil science and plant nutrition. L. [illegible] (Bull. Czechoslov. Acad. Agric., [illegible]; Proc. Internat. Soc. Soil Sci., [illegible]).—The expression of soil analyses on a basis of "volume-weight" ([illegible]) instead of the customary dry-matter basis is discussed and recommended.

A. G. POLLARD.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



BC

K-III-1

Cylinder for separating fine soil particles by decantation. L. Saggin (Bull. Czechoslov. Acad. Agric., 1929, [iv], 470; Proc. Internat. Soc. Soil Sci., 1930, 5, 32).

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH GROUPS

B-III-1

BC

Photoactivity of [Czechoslovakian] soils. L. Smolík. (Bull. Czechoslov. Acad. Agric., 1929, [v], 560; Proc. Internat. Soc. Soil Sci., 1930, 5, 32).—Photo-activity in the soils is probably a variable property. Few soils exhibit photoactivity, and in upper profiles this cannot be induced by the exposure of soil to solar radiation, to a strong electric field, or by storage in ozone, in oxygen, or in carbon dioxide. A. G. POLLARD.

COMMON ELEMENTS

COMMON VARIABLES INDEX

OPEN

MATERIALS INDEX

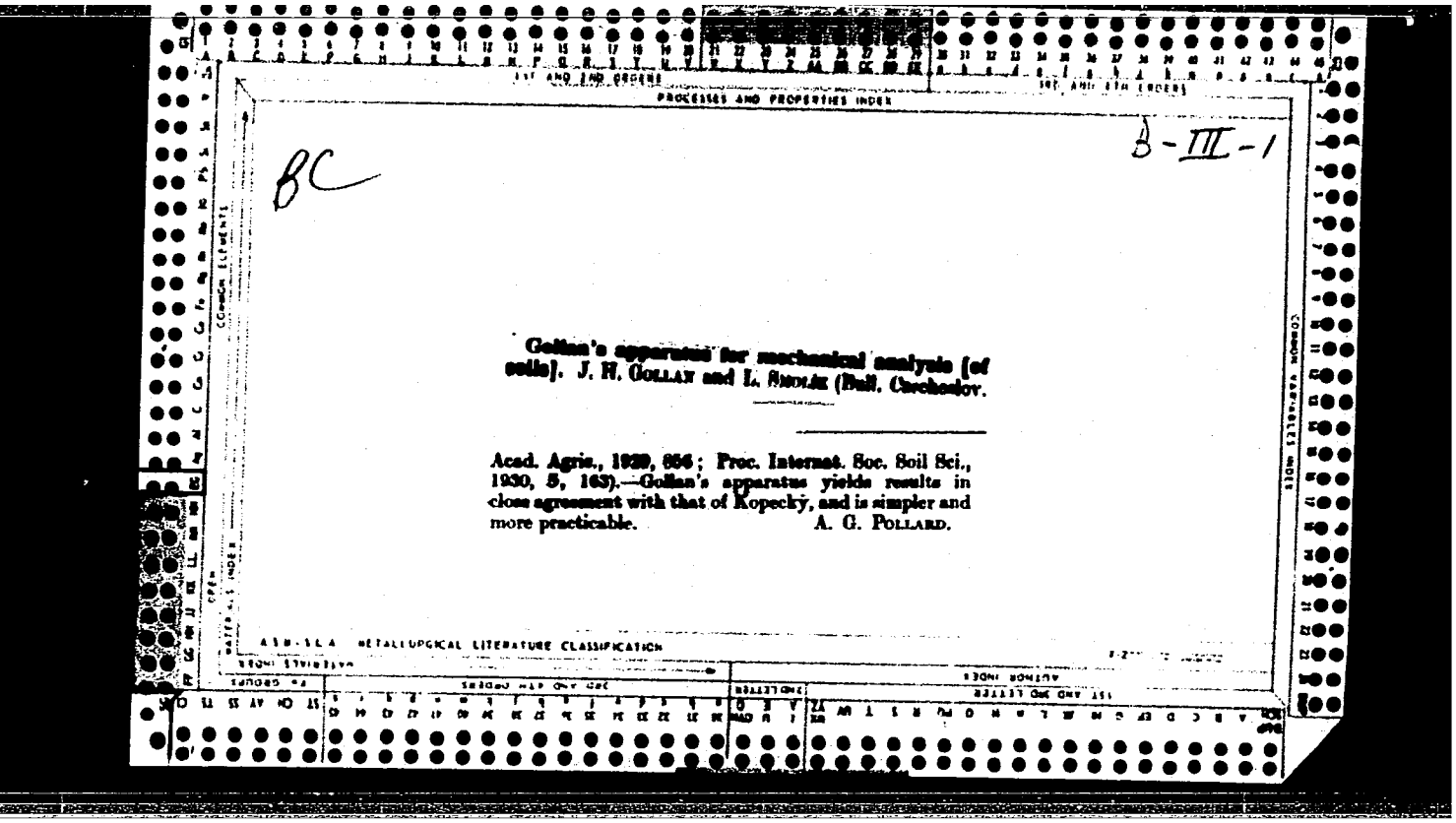
ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

AUTHOR INDEX

1ST AND 2ND LETTER

3RD AND 4TH ORDERS

2ND LETTER



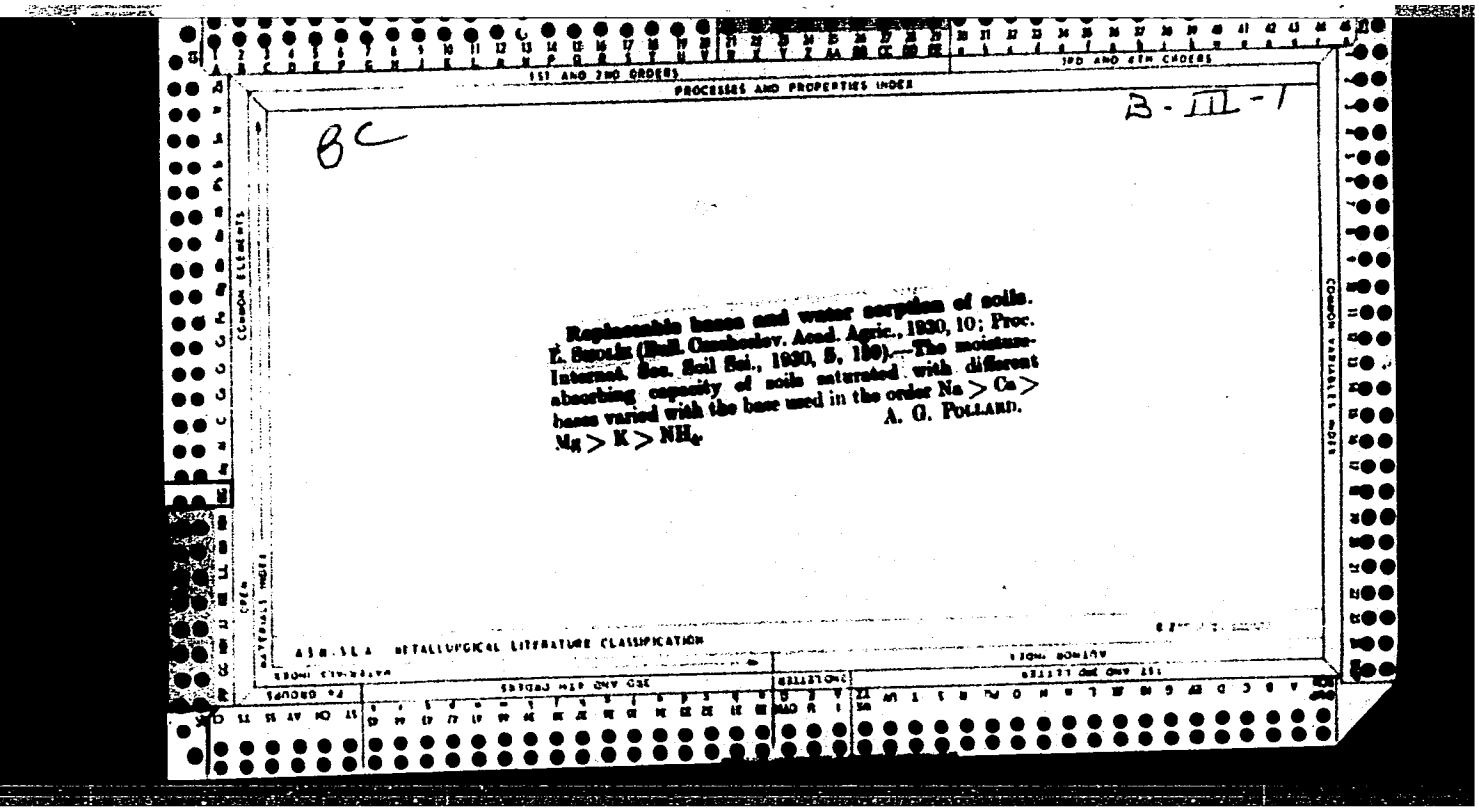
PROCESSES AND PROPERTIES INDEX

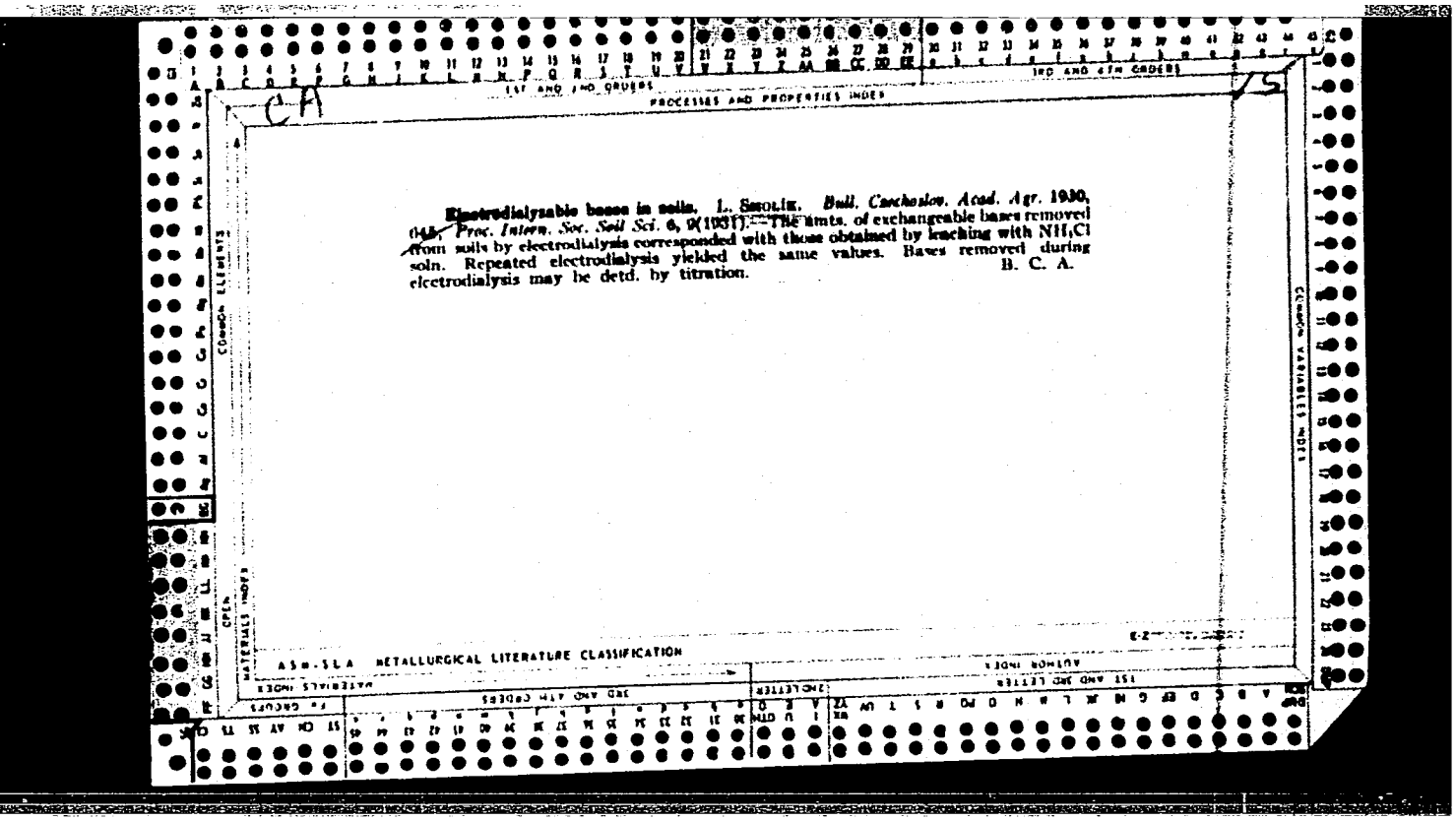
BC

B-III-1

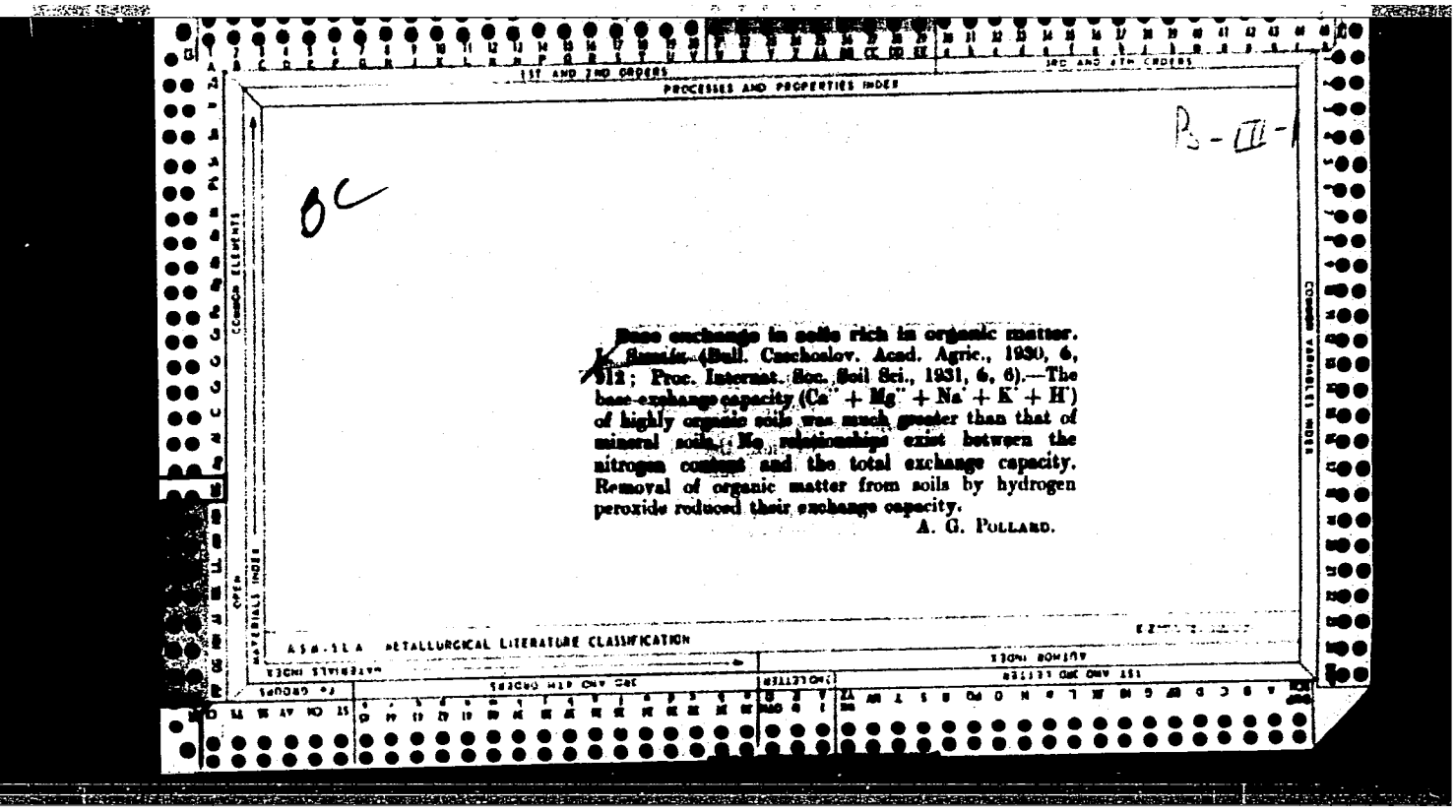
Gollan's apparatus for mechanical analysis [of soils]. J. H. Gollan and L. Smolik (Bull. Czechoslov. Acad. Agric., 1929, 856; Proc. Internat. Soc. Soil Sci., 1930, 5, 163).—Gollan's apparatus yields results in close agreement with that of Kopecky, and is simpler and more practicable. A. G. Pollard.

A.S.M.-S.L.A. METALLURGICAL LITERATURE CLASSIFICATION





Electrodialyzable bases in soils. L. Smolik. *Bull. Cracholov. Acad. Agr.* 1930, (1931); *Proc. Intern. Soc. Soil Sci.* 6, 9(1931). The amts. of exchangeable bases removed from soils by electrodialysis corresponded with those obtained by leaching with NH_4Cl soln. Repeated electrodialysis yielded the same values. Bases removed during electrodialysis may be detd. by titration.
B. C. A.



PROCESSES AND PROPERTIES INDEX

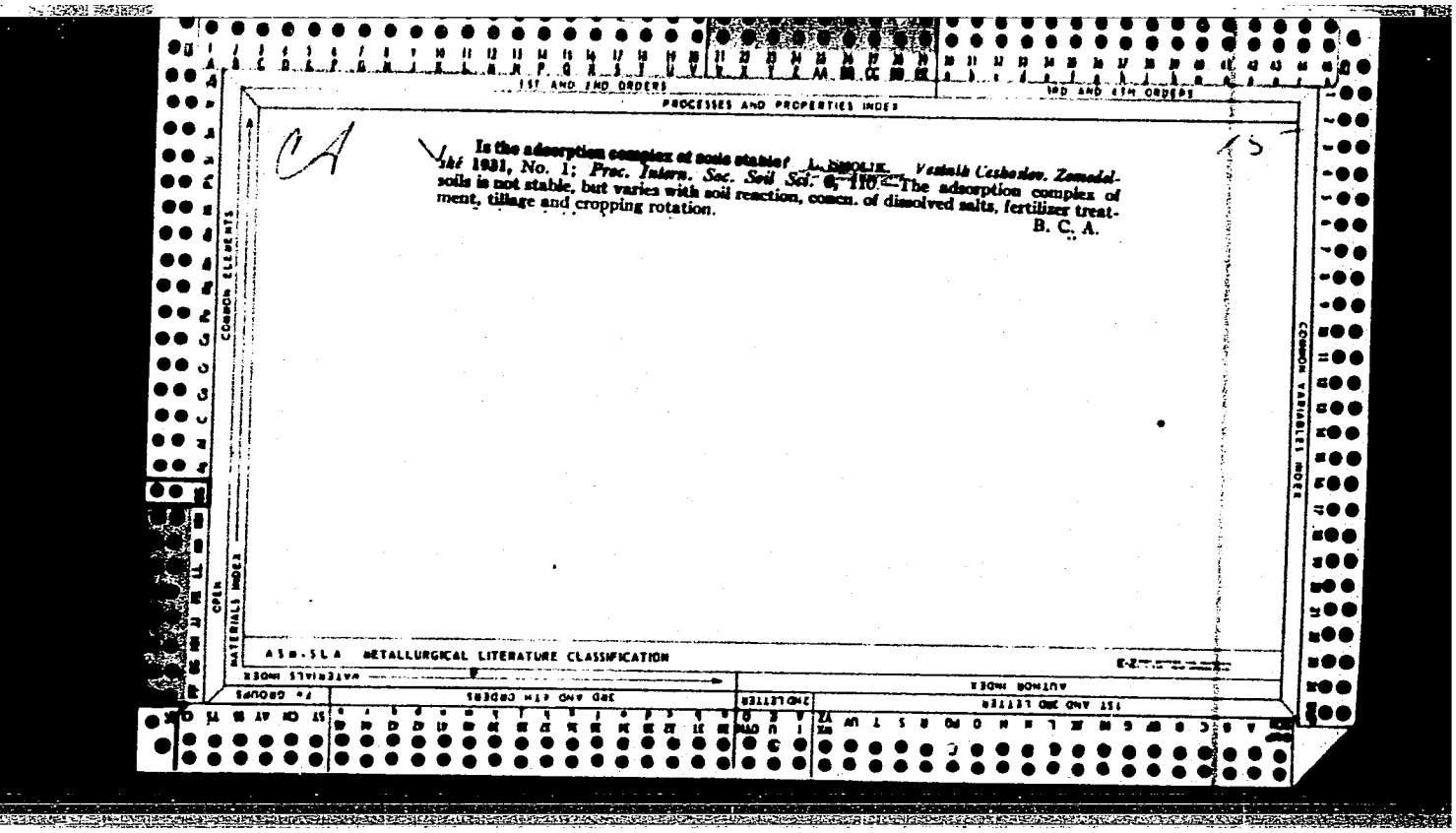
P3 - III - 1

8C

Base exchange in soils rich in organic matter. [illegible]. (Bull. Czechoslov. Acad. Agric., 1930, 6, 512; Proc. Internat. Soc. Soil Sci., 1931, 6, 6).—The base-exchange capacity ($Ca^{..} + Mg^{..} + Na^{.} + K^{.} + H^{.}$) of highly organic soils was much greater than that of mineral soils. No relationships exist between the nitrogen content and the total exchange capacity. Removal of organic matter from soils by hydrogen peroxide reduced their exchange capacity.

A. G. POLLARD.

A 5 M - 11 A METALLURGICAL LITERATURE CLASSIFICATION



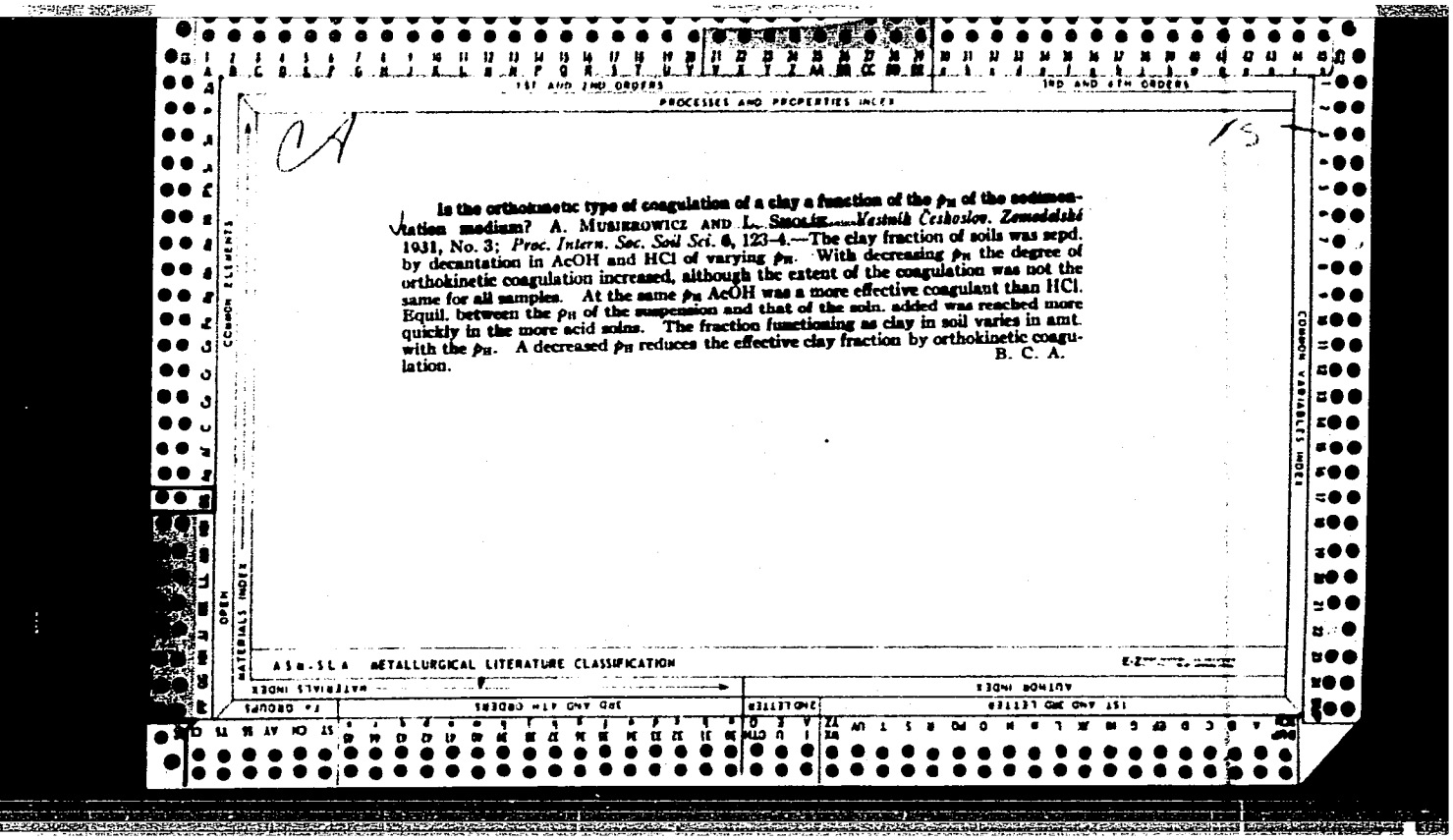
PROCESSES AND PROPERTIES INDEX

CA

Is the adsorption complex of soils stable? L. Bobko. *Vestnik Ceskoslov. Zemedel. akad.* 1931, No. 1; *Proc. Intern. Soc. Soil Sci.* 6, 110.—The adsorption complex of soils is not stable, but varies with soil reaction, concn. of dissolved salts, fertilizer treatment, tillage and cropping rotation.

B. C. A.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

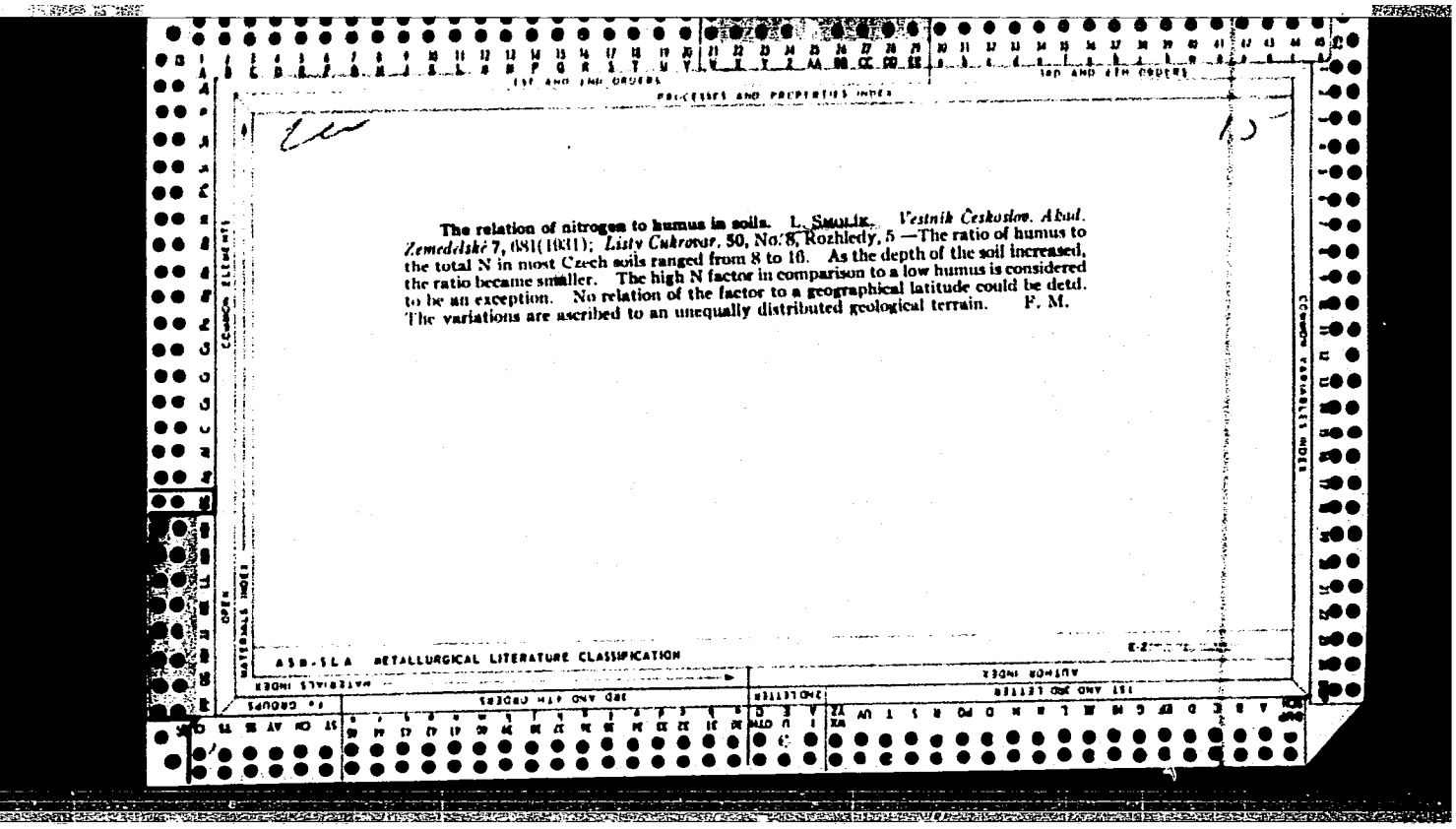


CA

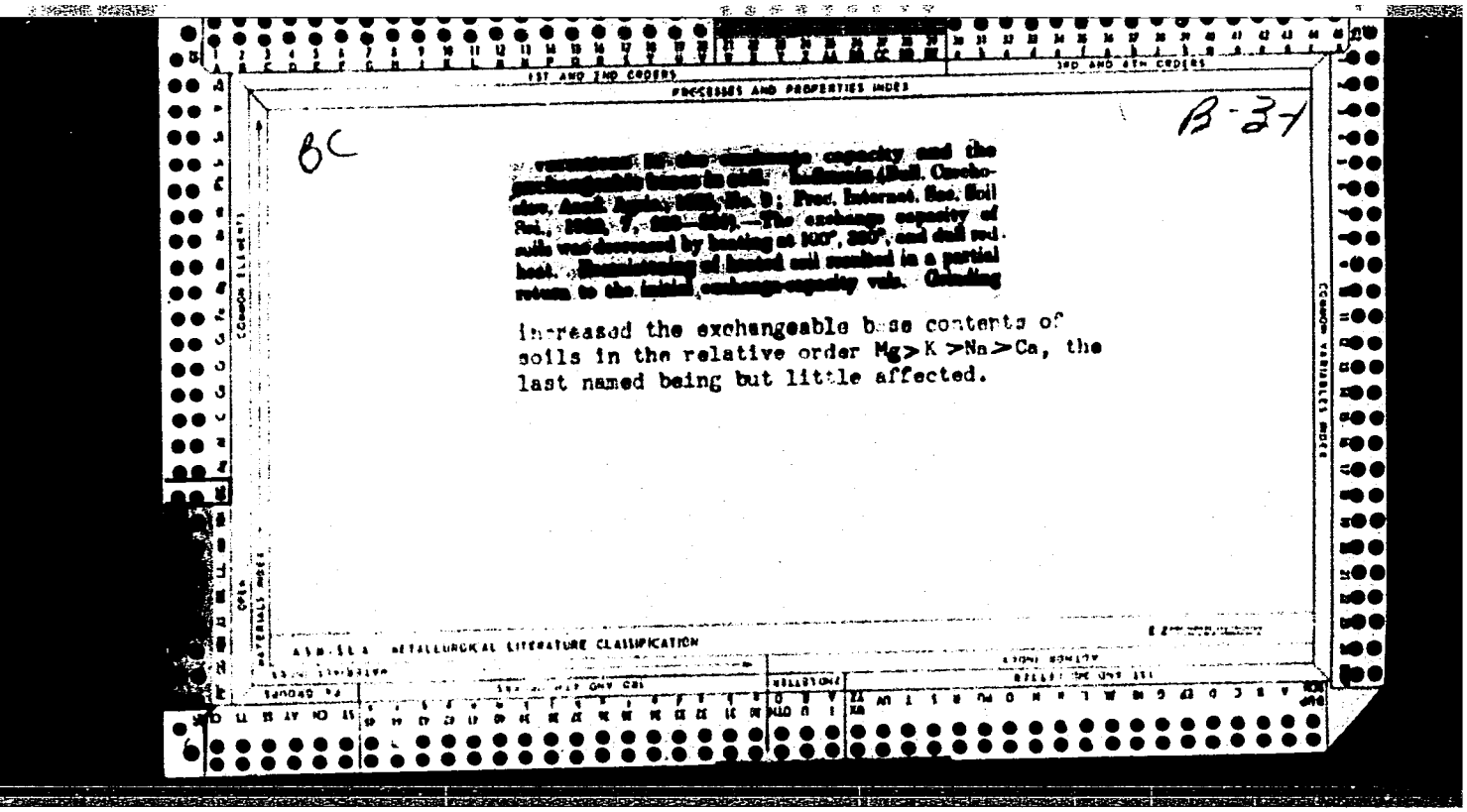
15

Is the orthokinetic type of coagulation of a clay a function of the p_H of the sedimentation medium? A. Mushkrowicz and L. Smolik.....*Vestnik Československé Zemedelské* 1931, No. 3; *Proc. Intern. Soc. Soil Sci.* 6, 123–4.—The clay fraction of soils was sepd. by decantation in AcOH and HCl of varying p_H. With decreasing p_H the degree of orthokinetic coagulation increased, although the extent of the coagulation was not the same for all samples. At the same p_H AcOH was a more effective coagulant than HCl. Equil. between the p_H of the suspension and that of the soln. added was reached more quickly in the more acid solns. The fraction functioning as clay in soil varies in amt. with the p_H. A decreased p_H reduces the effective clay fraction by orthokinetic coagulation.

B. C. A.



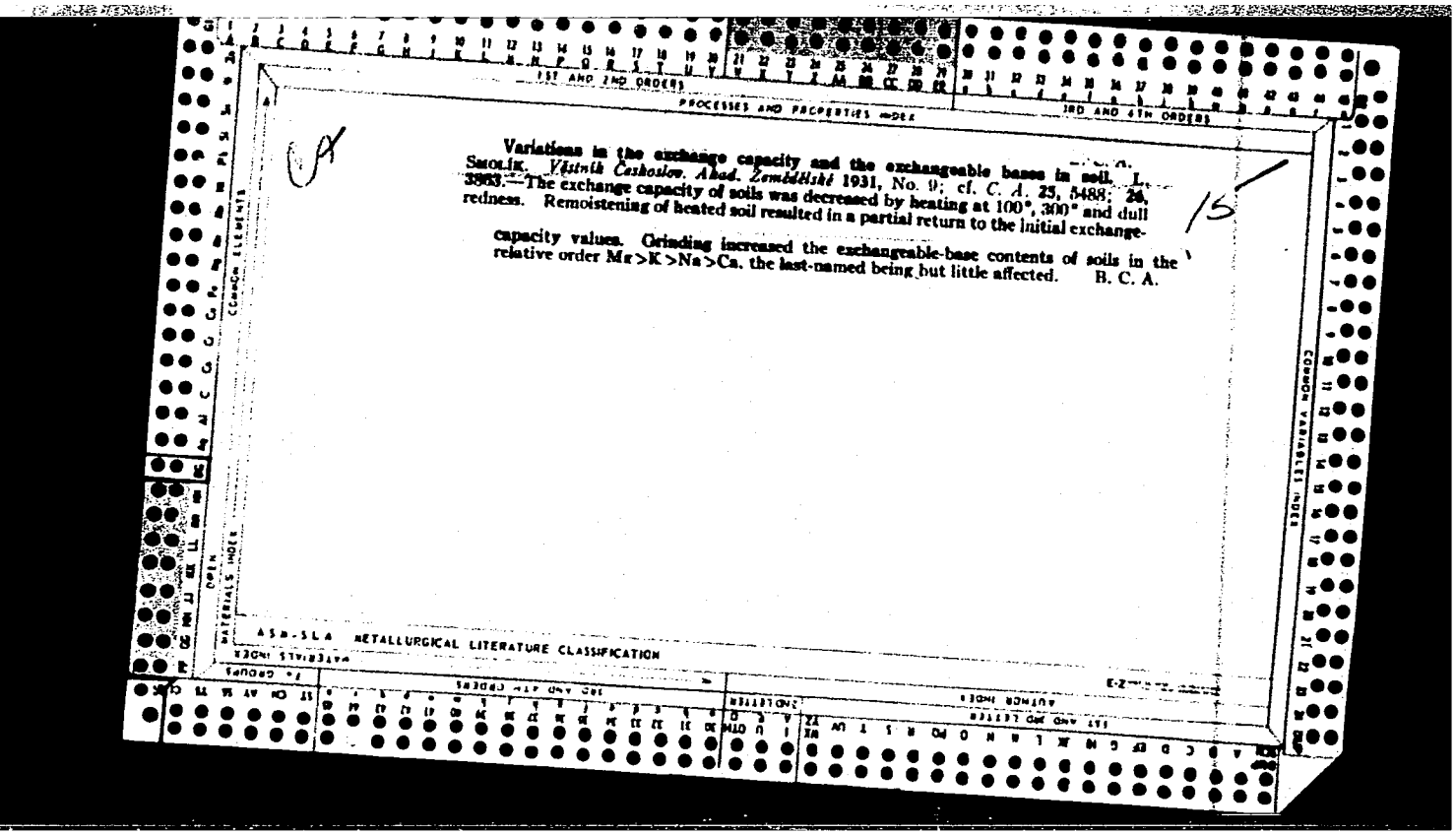
The relation of nitrogen to humus in soils. L. Smolík. *Vestník Českoslov. Akad. Zemědělské* 7, 681(1931); *Listy Cukrovar.* 50, No. 8, Rozhledy, 5.—The ratio of humus to the total N in most Czech soils ranged from 8 to 16. As the depth of the soil increased, the ratio became smaller. The high N factor in comparison to a low humus is considered to be an exception. No relation of the factor to a geographical latitude could be detd. The variations are ascribed to an unequally distributed geological terrain. F. M.



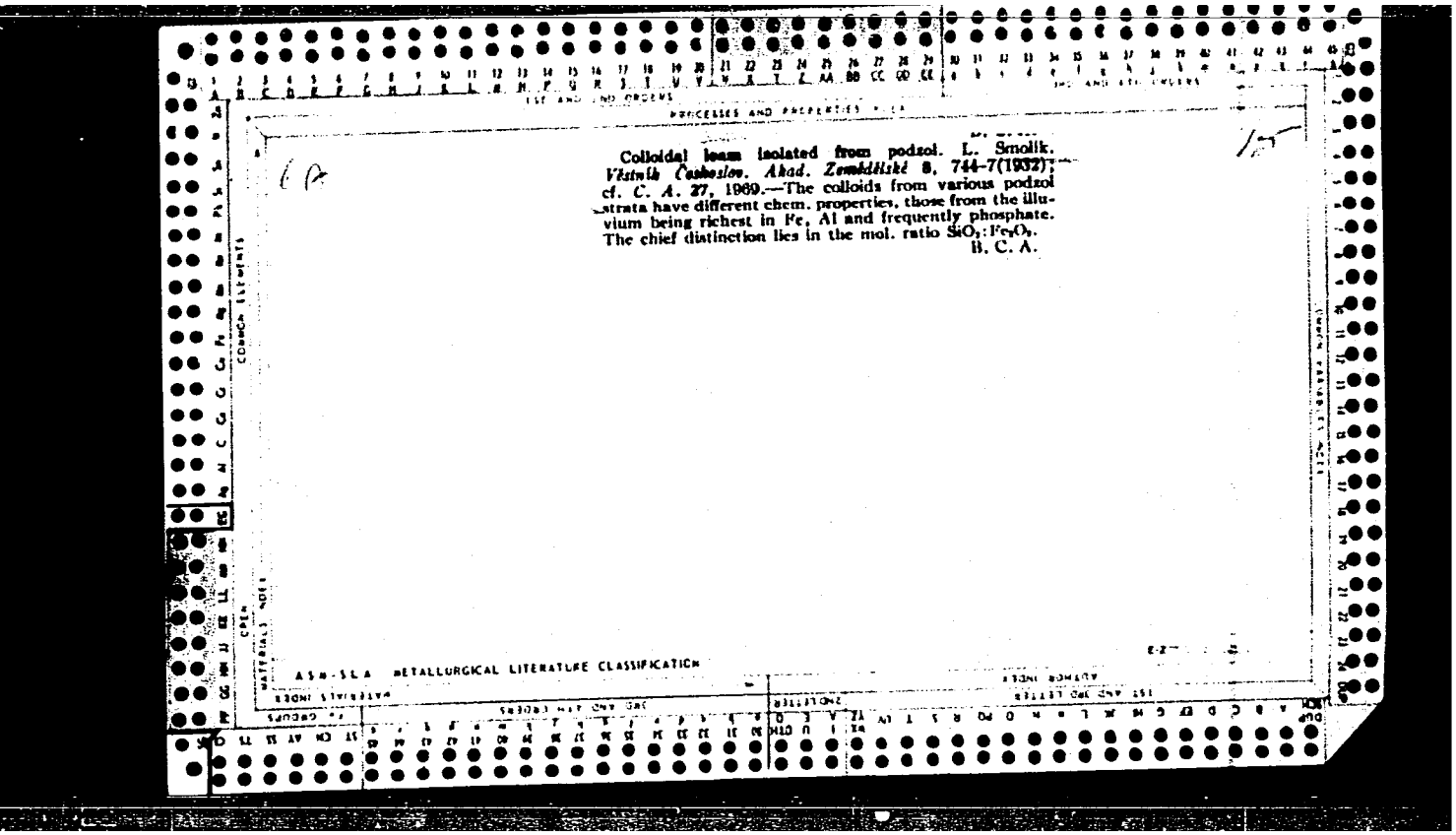
8C

B-37

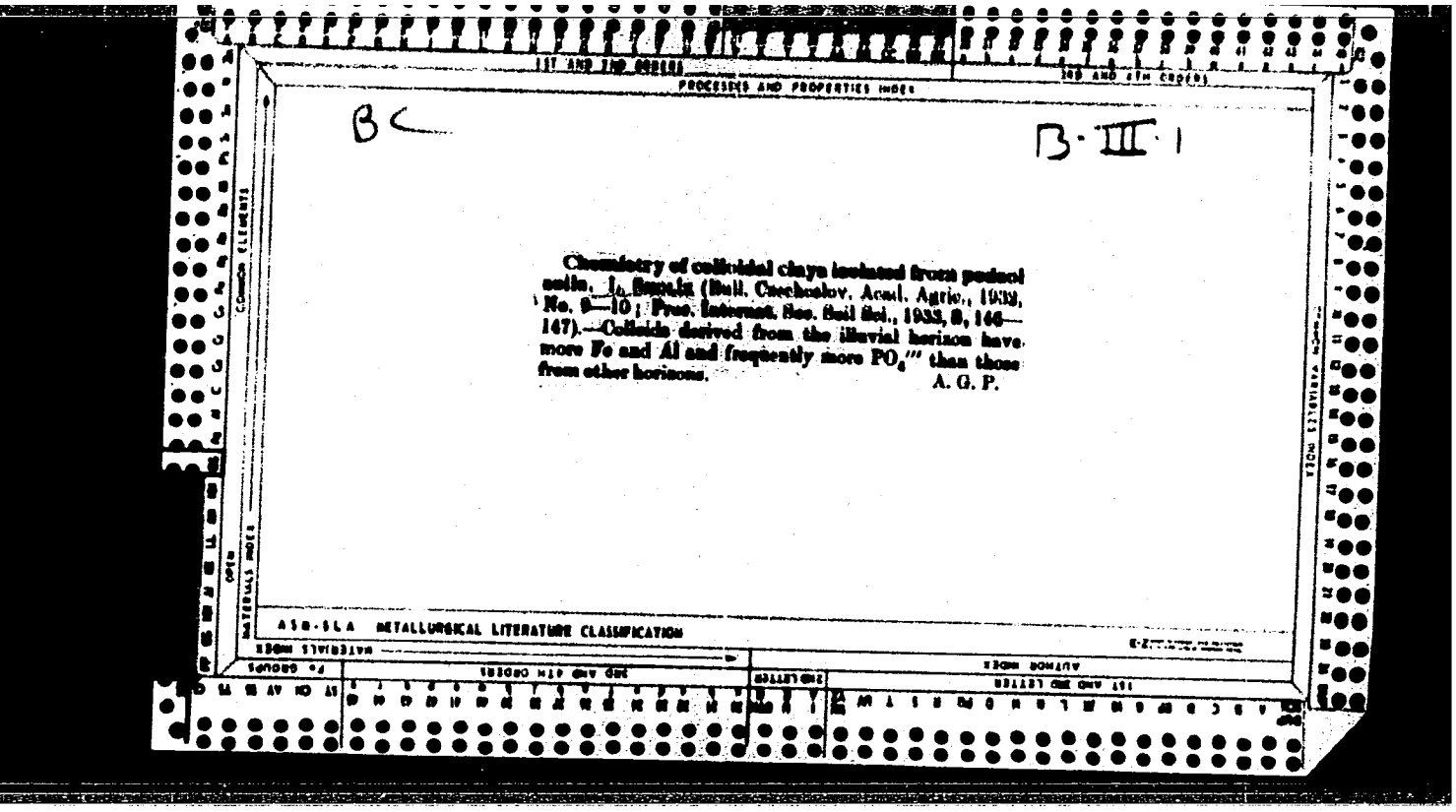
[redacted] increased the exchangeable base contents of soils in the relative order Mg>K>Na>Ca, the last named being but little affected.



Variations in the exchange capacity and the exchangeable bases in soil. L. Smolík. *Věstník Českoslov. Akad. Zemědělské* 1931, No. 9; cf. *C. A.* **25**, 5488; **26**, 3983.—The exchange capacity of soils was decreased by heating at 100°, 300° and dull redness. Remoistening of heated soil resulted in a partial return to the initial exchange-capacity values. Grinding increased the exchangeable-base contents of soils in the relative order Mg>K>Na>Ca, the last-named being but little affected. B. C. A.



Colloidal loam isolated from podzol. L. Smolík. *Vĕstník Českoslov. Akad. Zemědělské* 8, 744–7(1932); cf. *C. A.* 27, 1969.—The colloids from various podzol strata have different chem. properties, those from the illuvium being richest in Fe, Al and frequently phosphate. The chief distinction lies in the mol. ratio SiO_2:Fe_2O_3.
B. C. A.



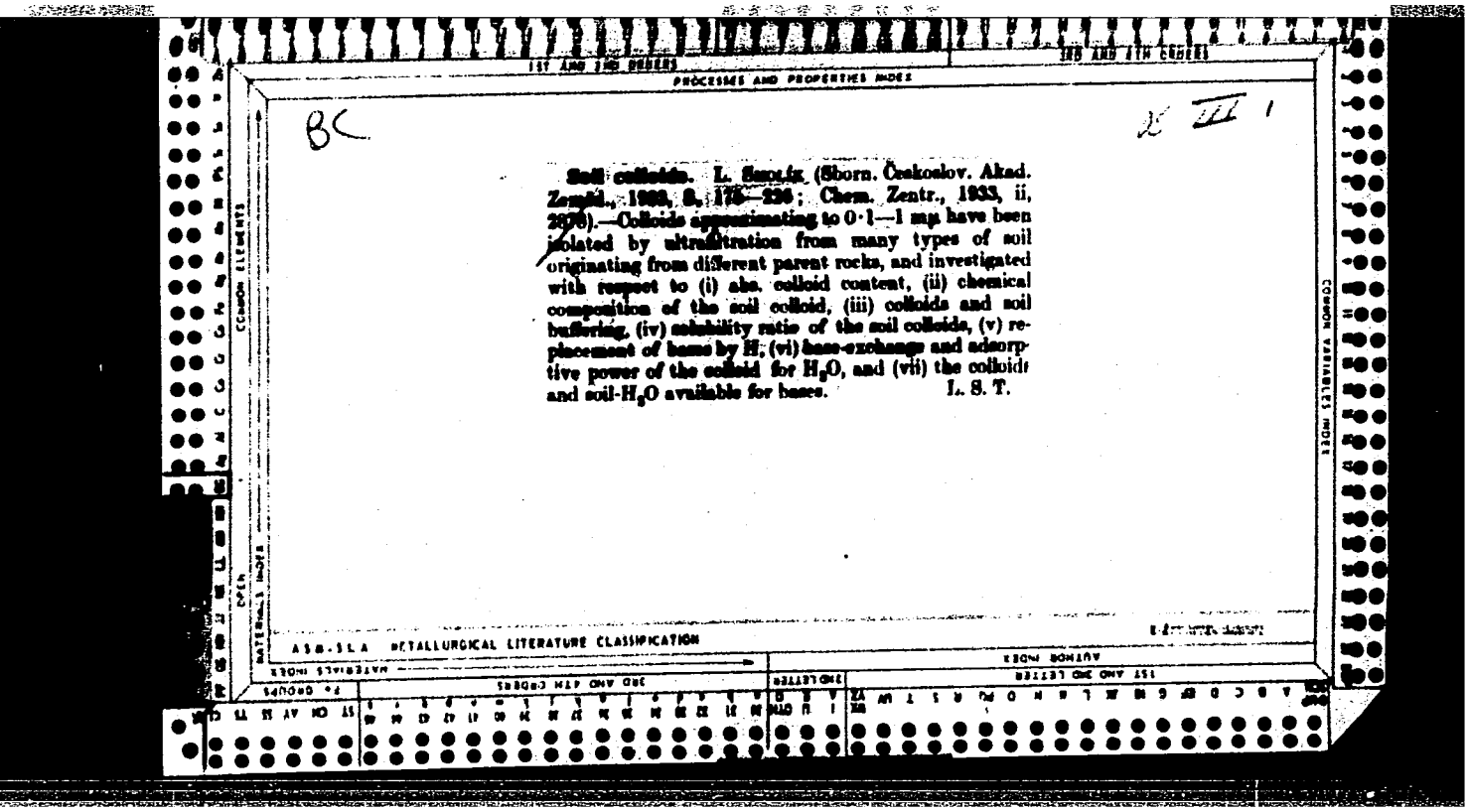
BC

B-III-1

Chemistry of colloidal clays isolated from podzol soils. Ia. Šmuk (Bull. Czechoslov. Acad. Agric., 1939, No. 9—10; Proc. Internat. Soc. Soil Sci., 1939, 8, 146—147).—Colloids derived from the illuvial horizon have more Fe and Al and frequently more PO_4''' than those from other horizons.

A. G. P.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



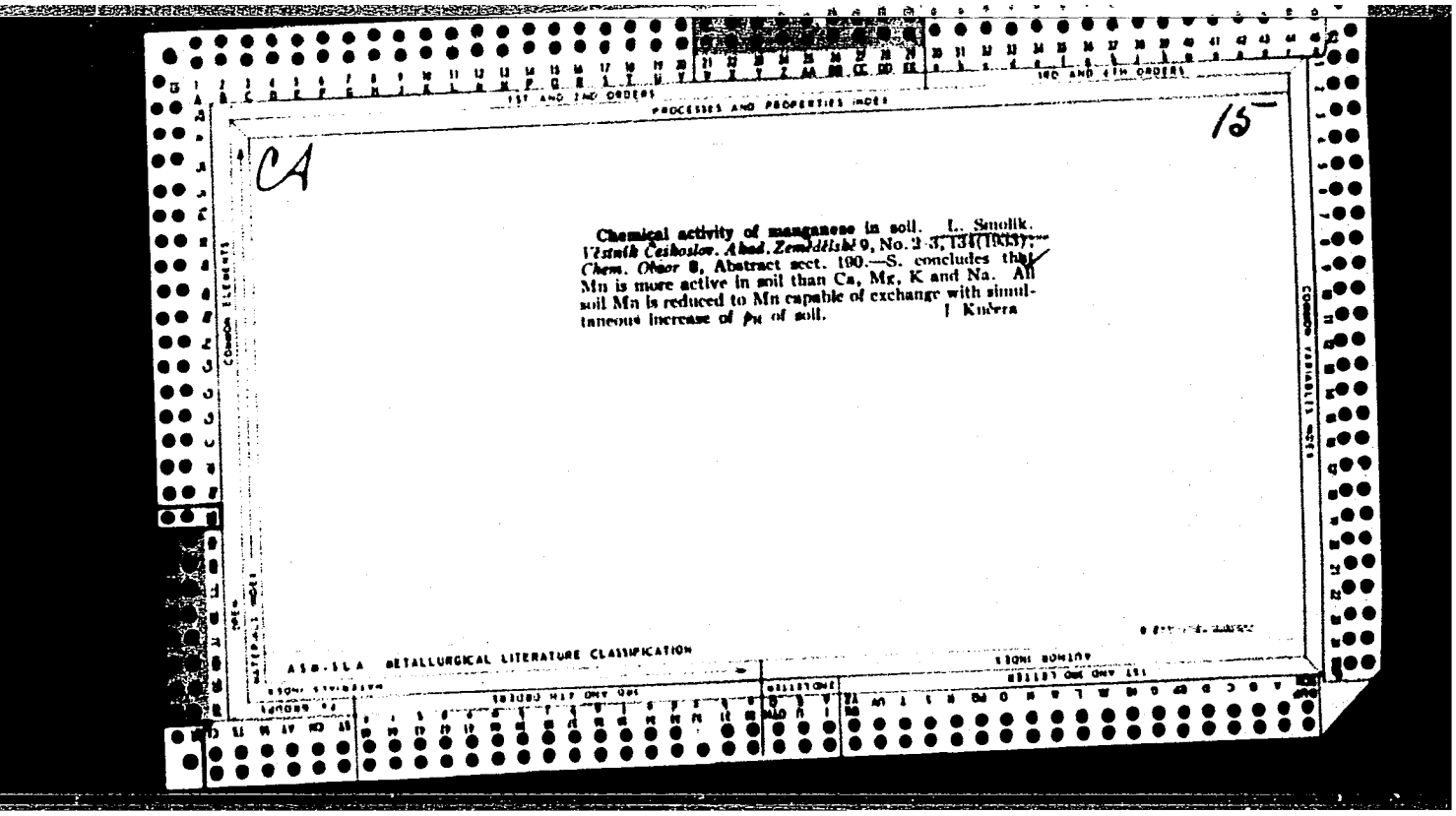
PROCESSES AND PROPERTIES INDEX

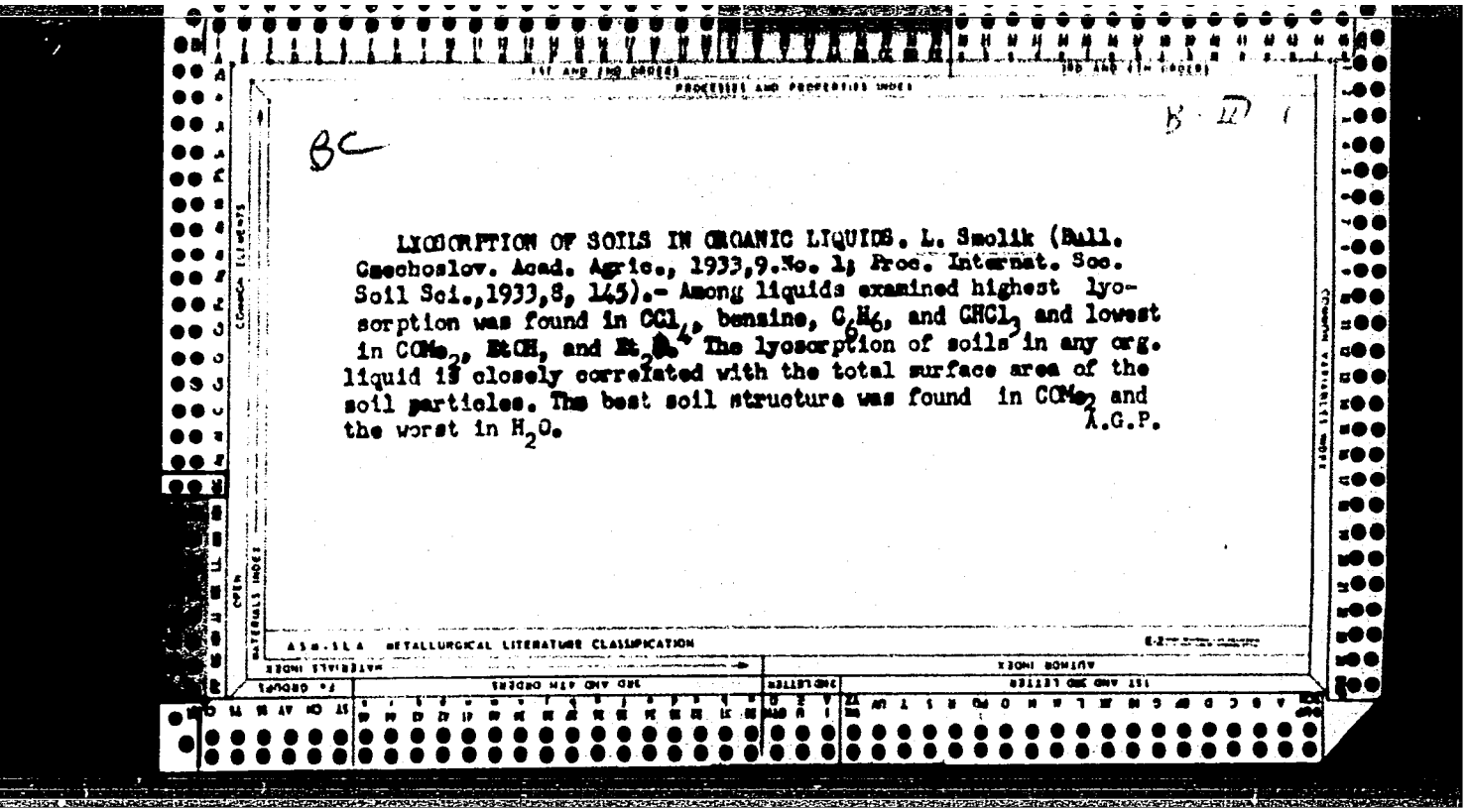
BC

X III 1

Soil colloids. L. Šmolík (Sborn. Československ. Akad. Zemědl., 1933, 8, 175—236; Chem. Zentr., 1933, ii, 2936).—Colloids approximating to 0·1—1 mμ have been isolated by ultrafiltration from many types of soil originating from different parent rocks, and investigated with respect to (i) abs. colloid content, (ii) chemical composition of the soil colloid, (iii) colloids and soil buffering, (iv) solubility ratio of the soil colloids, (v) replacement of bases by H, (vi) base-exchange and adsorptive power of the colloid for H_2O, and (vii) the colloids and soil-H_2O available for bases. L. S. T.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION



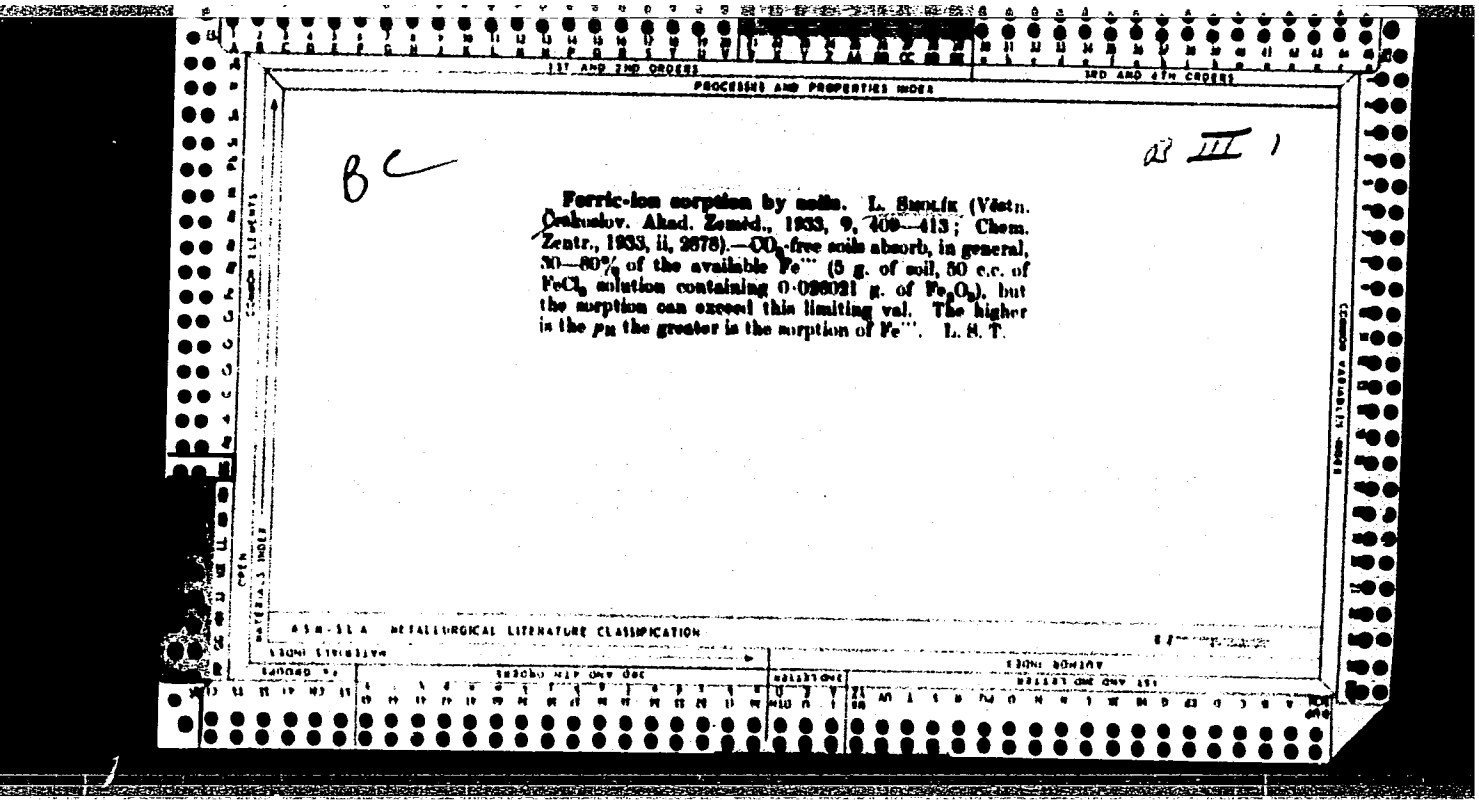


BC

B-II-1

LYOSORPTION OF SOILS IN ORGANIC LIQUIDS. L. Smolik (Bull. Czechoslov. Acad. Agric., 1933,9.No. 1; Proc. Internat. Soc. Soil Sci.,1933,8, 145).- Among liquids examined highest lyosorption was found in CCl_4, bensine, C_6H_6, and $CHCl_3$ and lowest in $COMe_2$, EtOH, and Et_2O. The lyosorption of soils in any org. liquid is closely correlated with the total surface area of the soil particles. The best soil structure was found in $COMe_2$ and the worst in H_2O.

A.G.P.



1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

PROCESSES AND PROPERTIES INDEX

B C

a3 III 1

Ferric-ion sorption by soils. L. Šmolík (Věstn. Českoslov. Akad. Zeměd., 1933, 9, 409—413; Chem. Zentr., 1933, ii, 2678).—CO_2-free soils absorb, in general, 30—80% of the available $Fe^{...}$ (5 g. of soil, 50 c.c. of $FeCl_3$ solution containing 0·026021 g. of Fe_2O_3), but the sorption can exceed this limiting val. The higher is the p_H the greater is the sorption of $Fe^{...}$. L. S. T.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

B-III-1

BC

Exchange capacity of organic components of the absorption complex of soil. L. [illegible] (Vestn. [illegible]slov. Akad. Zemed., 19[illegible], 9, [illegible]—530; Chem. Zentr., 1934, i, 7[illegible]).—The ligno-humus (I) constituents of different soils do not show the same exchange capacity (II). The (II) of the undecomposed vegetation is considerable, but it quickly rises with progressive humification. Soils with high (I) content have a greater (II) than those with a lower content. L. S. T.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

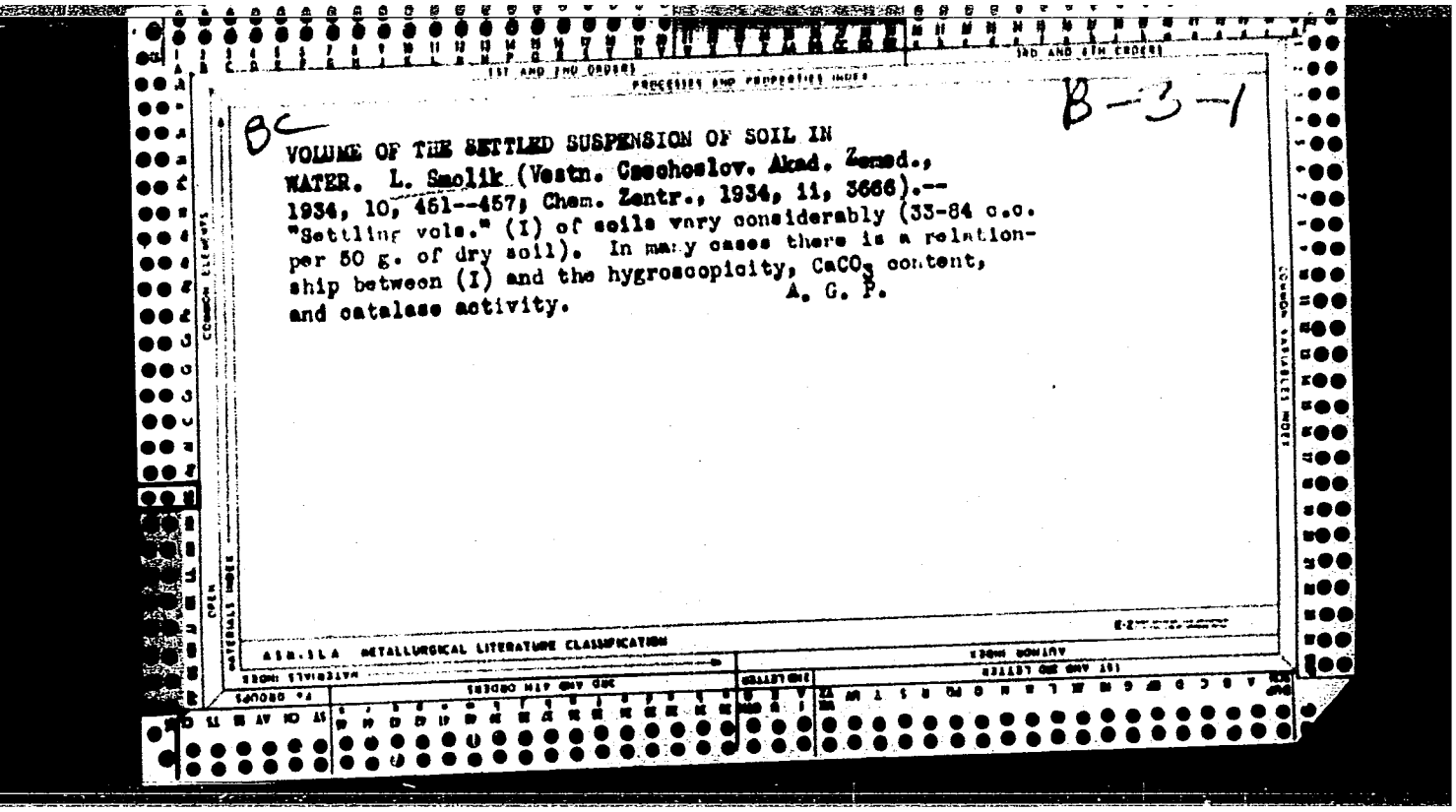
B-III-1

BC

Redox potential in soil. L. [illegible] (Věstn. ceskoslov. Akad. Zeměd., 1934, 10, [illegible]—107; Chem. Zentr., 1934, ii, [illegible]).—Redox potential in podsols is highest in surface layers and decreases with depth. In the lowest illuvium it is negative. Surface layers of cultivated and forest soils show wide seasonal variations.

A. O. P.

METALLURGICAL LITERATURE CLASSIFICATION

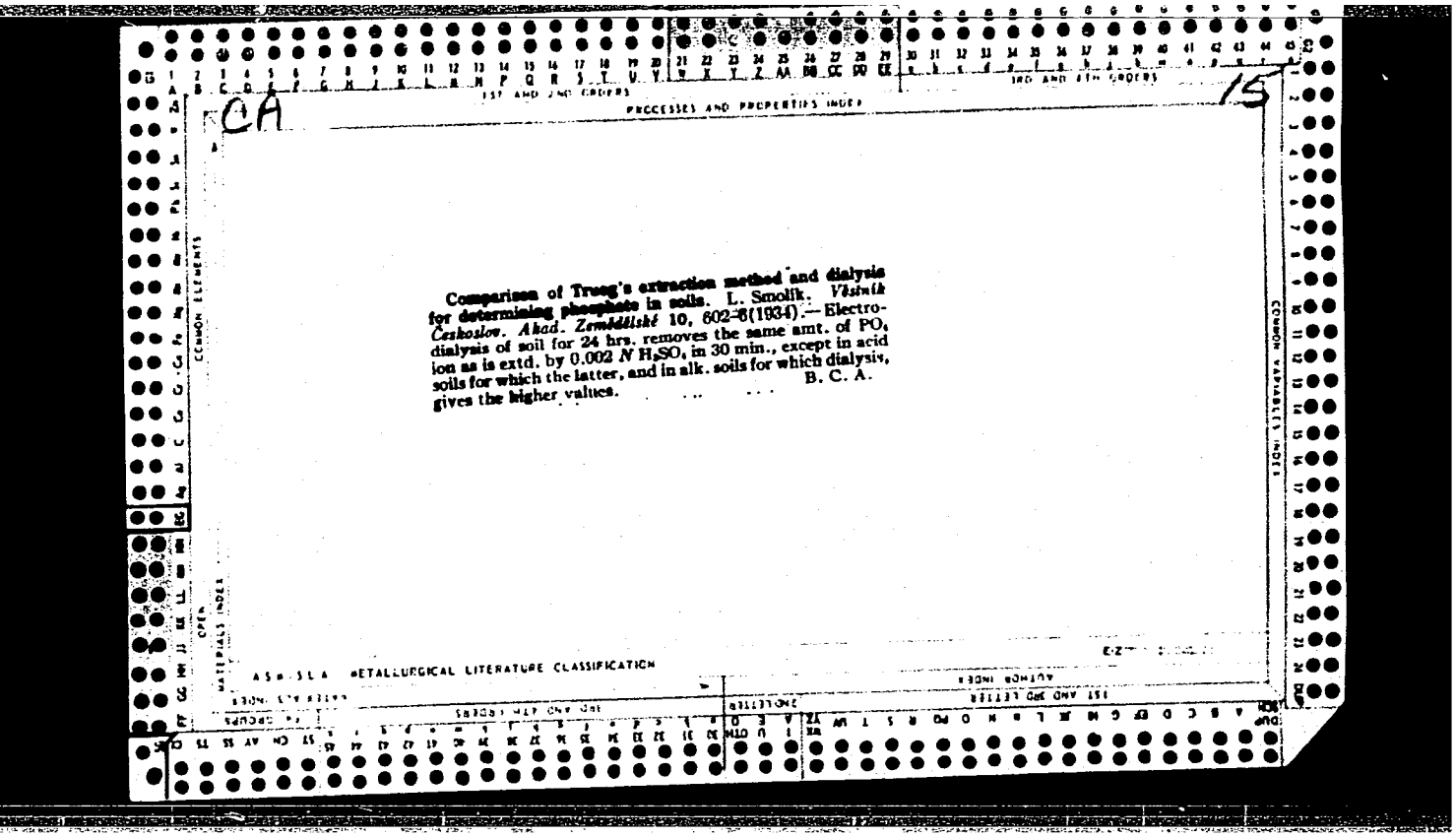


B-3-1

BC

VOLUME OF THE SETTLED SUSPENSION OF SOIL IN WATER. L. Smolik (Vestn. Czechoslov. Akad. Zemed., 1934, 10, 461--457; Chem. Zentr., 1934, ii, 3666).-- "Settling vols." (I) of soils vary considerably (33-84 c.c. per 50 g. of dry soil). In many cases there is a relationship between (I) and the hygroscopicity, $CaCO_3$ content, and catalase activity.

A. G. P.

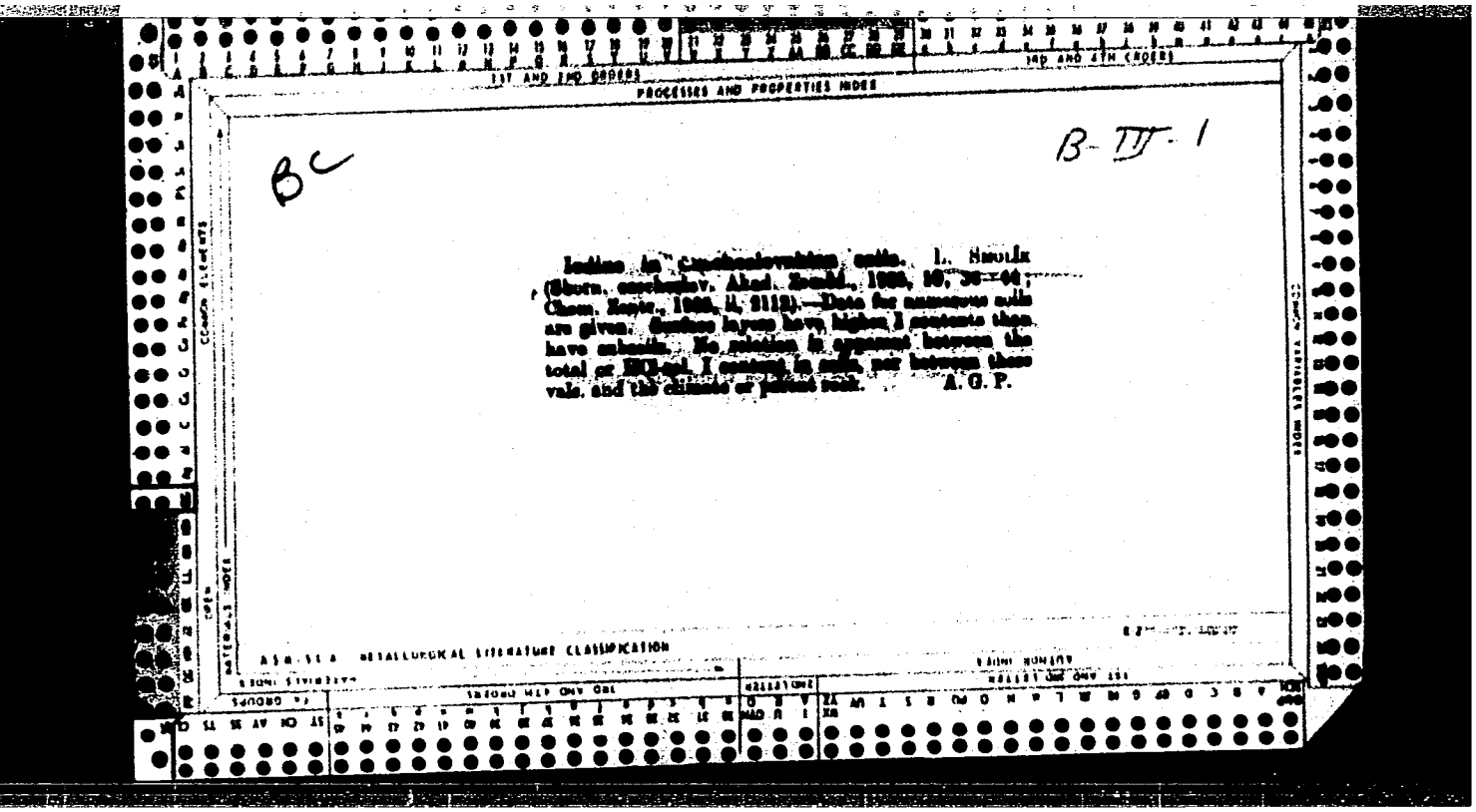


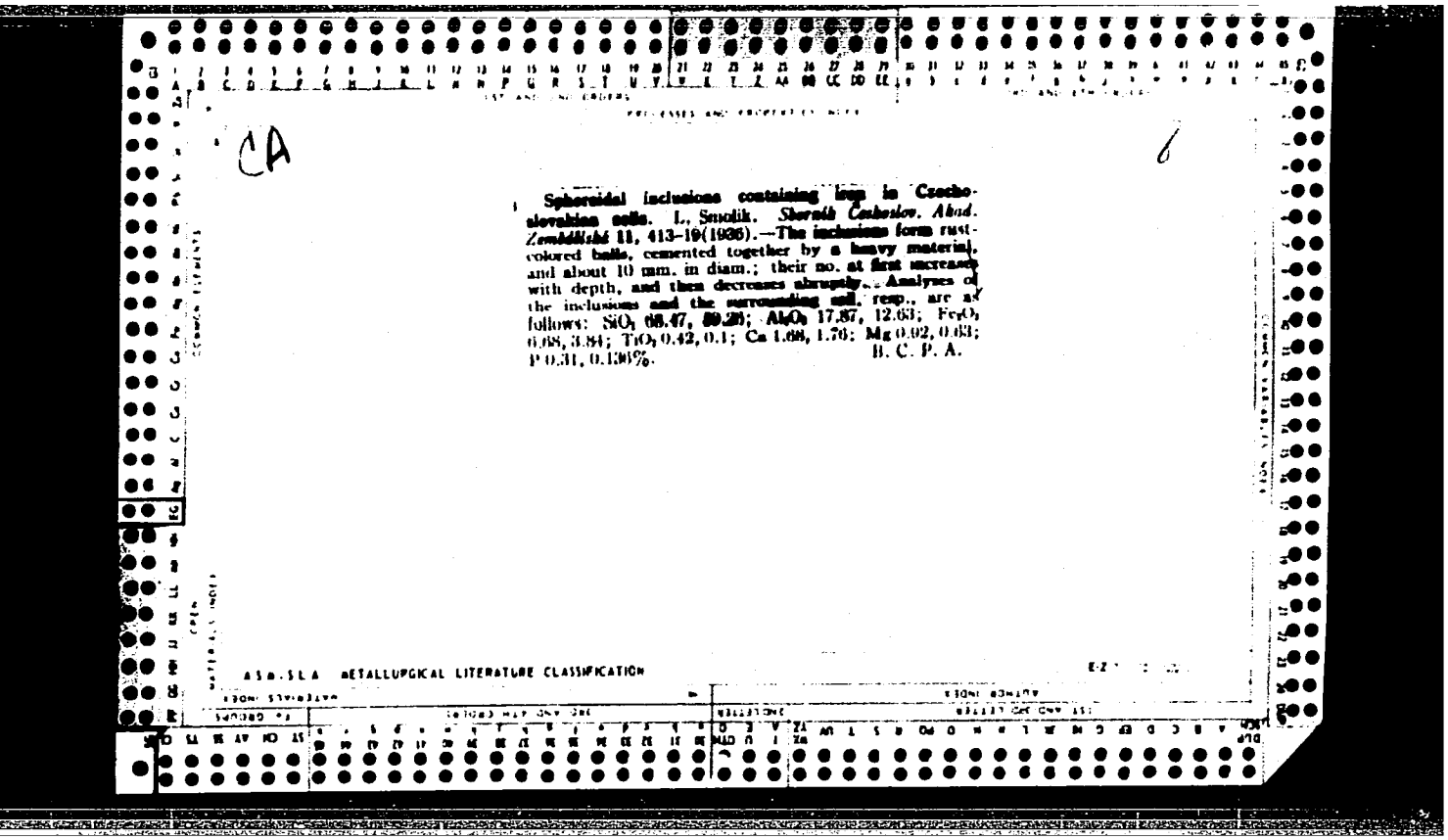
CA

15

PROCESSES AND PROPERTIES INDEX

Comparison of Treog's extraction method and dialysis for determining phosphate in soils. L. Smolik. *Věstník Českoslov. Akad. Zemědělské* 10, 602–6(1934).—Electrodialysis of soil for 24 hrs. removes the same amt. of PO_4 ion as is extd. by 0.002 *N* H_2SO_4 in 30 min., except in acid soils for which the latter, and in alk. soils for which dialysis gives the higher values. B. C. A.





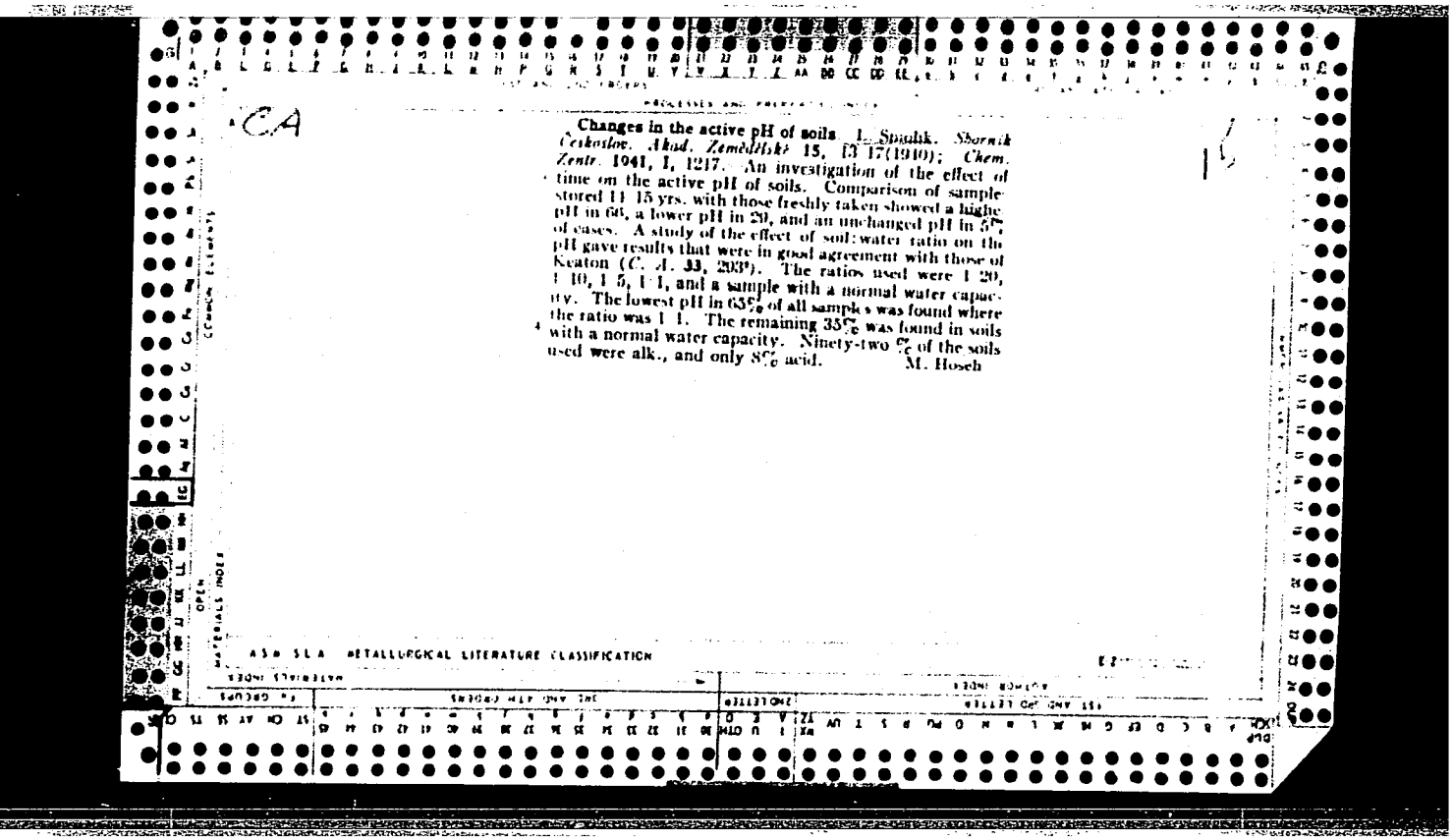
CA

6

Spheroidal inclusions containing iron in Czechoslovakian soils. L. Smolik. *Sborník Českosloy. Akad. Zemědělské* 11, 413–19(1936).—The inclusions form rust-colored balls, cemented together by a heavy material, and about 10 mm. in diam.; their no. at first increases with depth, and then decreases abruptly. Analyses of the inclusions and the surrounding soil, resp., are as follows: SiO_2 68.47, 89.20; Al_2O_3 17.87, 12.63; Fe_2O_3 6.68, 3.84; TiO_2 0.42, 0.1; Ca 1.68, 1.76; Mg 0.02, 0.63; P 0.31, 0.130%.

B. C. P. A.

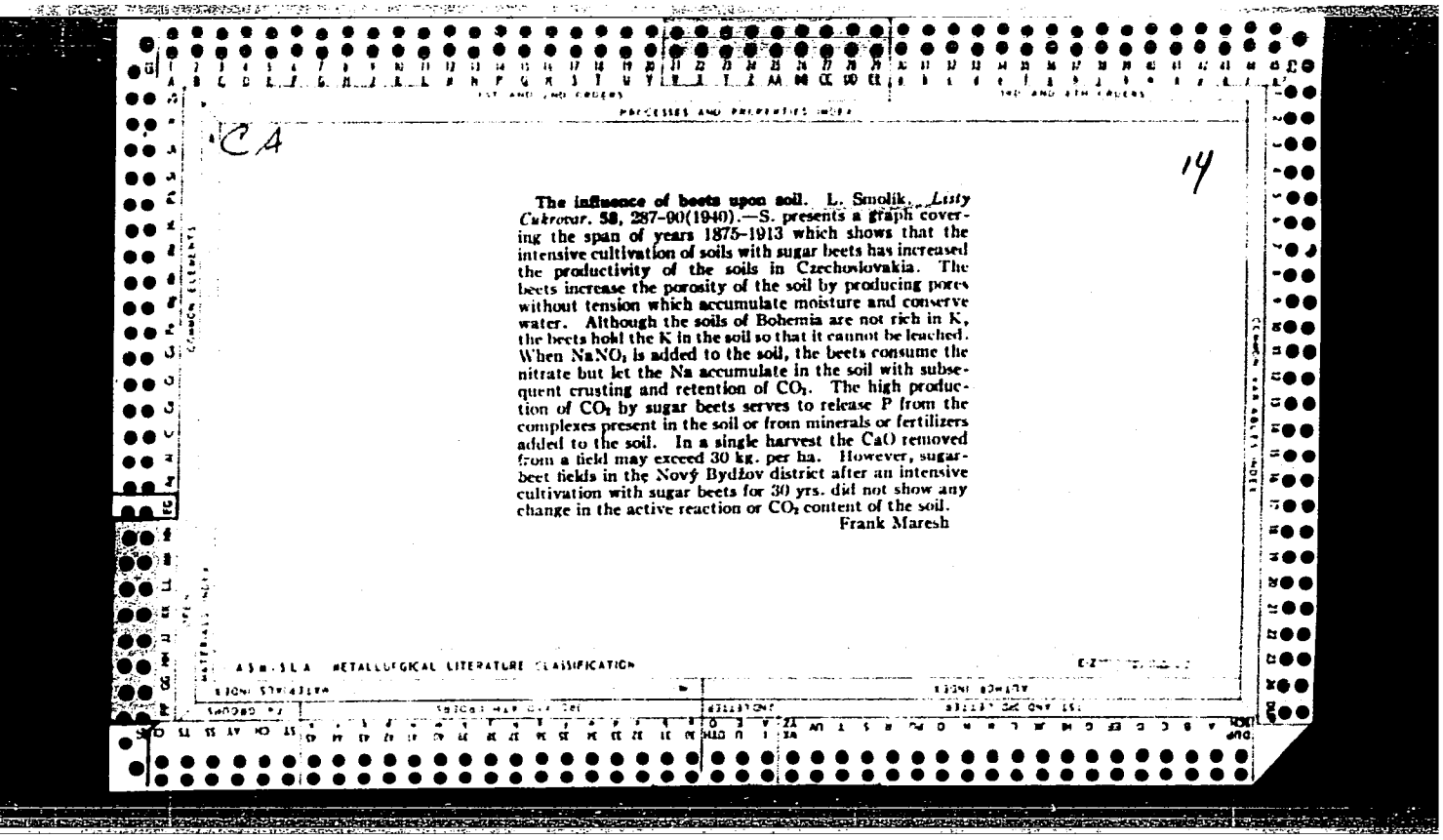
ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



CA

Changes in the active pH of soils. L. Spalik. *Sborník Ceskoslov. Akad. Zemědělské* 15, 13-17(1940); *Chem. Zentr.* 1941, I, 1217. An investigation of the effect of time on the active pH of soils. Comparison of samples stored 11-15 yrs. with those freshly taken showed a higher pH in 60, a lower pH in 20, and an unchanged pH in 5% of cases. A study of the effect of soil:water ratio on the pH gave results that were in good agreement with those of Keaton (*C. A.* 33, 203⁹). The ratios used were 1:20, 1:10, 1:5, 1:1, and a sample with a normal water capacity. The lowest pH in 63% of all samples was found where the ratio was 1:1. The remaining 35% was found in soils with a normal water capacity. Ninety-two % of the soils used were alk., and only 8% acid.
M. Hoseh

ASM SLA METALLURGICAL LITERATURE CLASSIFICATION

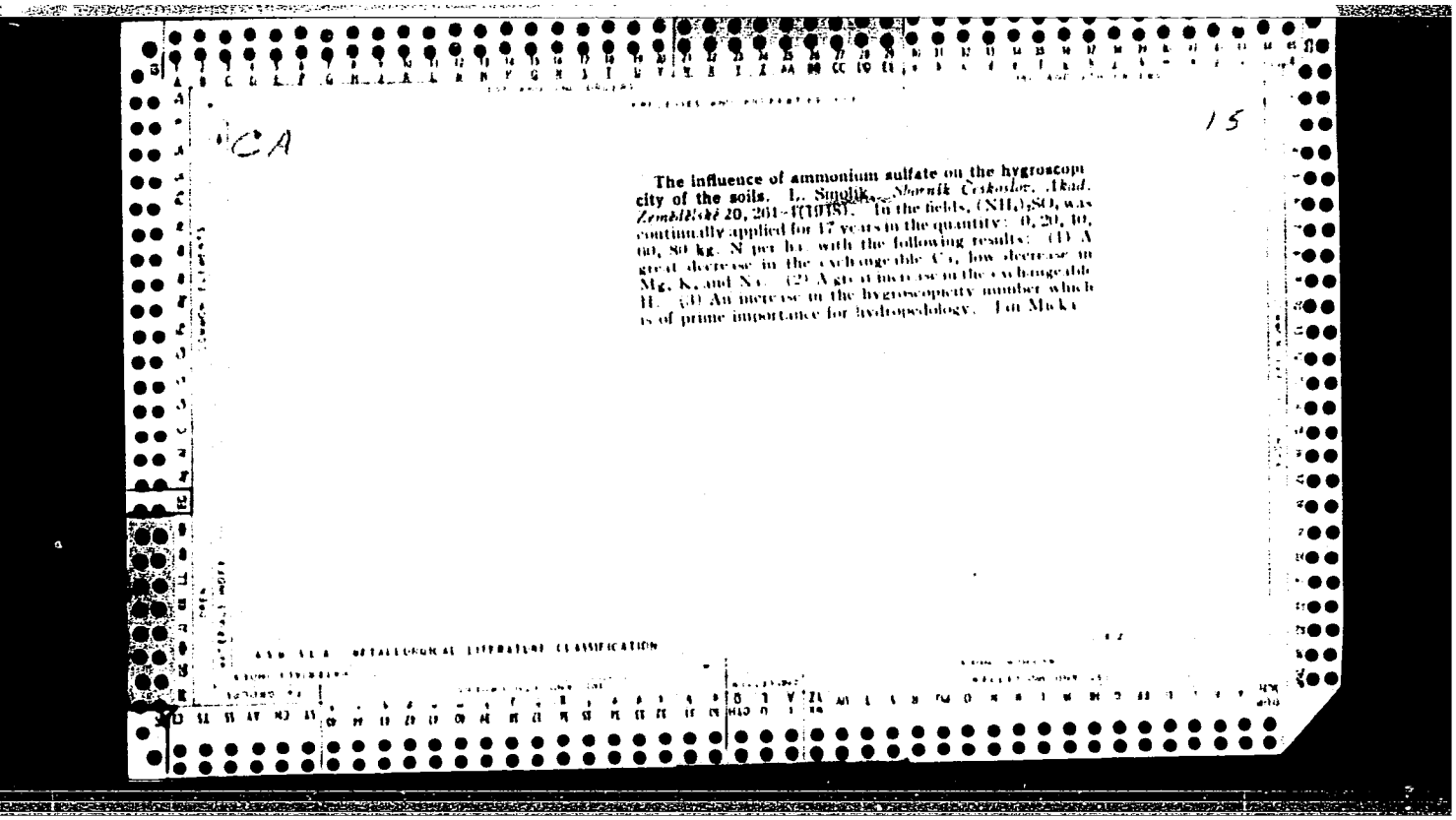


CA

14

The influence of beets upon soil. L. Smolik, *Listy Cukrovar.* **58**, 287–90(1940).—S. presents a graph covering the span of years 1875–1913 which shows that the intensive cultivation of soils with sugar beets has increased the productivity of the soils in Czechoslovakia. The beets increase the porosity of the soil by producing pores without tension which accumulate moisture and conserve water. Although the soils of Bohemia are not rich in K, the beets hold the K in the soil so that it cannot be leached. When $NaNO_3$ is added to the soil, the beets consume the nitrate but let the Na accumulate in the soil with subsequent crusting and retention of CO_2. The high production of CO_2 by sugar beets serves to release P from the complexes present in the soil or from minerals or fertilizers added to the soil. In a single harvest the CaO removed from a field may exceed 30 kg. per ha. However, sugar-beet fields in the Nový Bydžov district after an intensive cultivation with sugar beets for 30 yrs. did not show any change in the active reaction or CO_2 content of the soil.

Frank Maresh



CA

15

The influence of ammonium sulfate on the hygroscopicity of the soils. L. Smolík. *Sborník Československ. Akad. Zemědělské* 20, 201–4(1948). In the fields, $(NH_4)_2SO_4$ was continually applied for 17 years in the quantity: 0, 20, 40, 60, 80 kg. N per ha. with the following results: (1) A great decrease in the exchangeable Ca, low decrease in Mg, K, and Na. (2) A great increase in the exchangeable H. (3) An increase in the hygroscopicity number which is of prime importance for hydropedology. Jan Mocka

SMOLIK, LADISLAV

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Apparatus, Plant Equipment,
and Unit Operations

(3) Chem. - Electrochem.

Apparatus for conductometric analysis. K. E. Slevogt. *Kautschuk u. Gummi* 7, WT18, WT20(1954).—A Wheatstone bridge with electronic accessories is described which is adapted for cond. titrations. S. D. Gehman

Calcinometer. Ladislav Smolik (Ceske vysoke uceni tech., Prague, Czech.). *Sbornik Ceskoslov. Akad. Zemedel. Ved* 26A, 525-32(1953).—A new calcinometer, with all disadvantages of volumetric measurements eliminated, is described. Jan Micka

SMOLIK, L.

Sedimentation volume of clays and soil erosion. p. 349.
Construction of hydroelectric-power plants in the USSR. p. 351.
VODNI HOSPODARSTVI, Prague, Vol. 4, no. 11, Nov. 1954.

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

SMOLIK, LADISLAV

Pedologie; celostatni vysokoskolska ucebnice. (Vyd. 1.) Praha, Statni nakl. technicke literatury, 1957. 399 P. (Pedology; a university texbook. 1st ed. illus., maps (part fold.), bibl., diagrs., graphs, indexes, tables)

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

[redacted], I.

Protection of the microatmosphere of inhabited places from the point of view of bioclimatology. p. 1. (Ochrana Prirody Vol. 12, no. 1, Jan. 1957 Praha)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

SMOLIK, L.

Pedological notes on drainage.

P. 11. (VODNI HOSPODARSTVI) (Praha, Czechoslovakia) No. 1, Jan. 1958

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

SMOLIK, M.

"Parachutists are counting the seconds."

p. 2 (Ceskoslovensky Vojak) Vol. 6, no. 26, Dec. 1957
Prague, Czechoslovakia

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

SMOLIK, A.

Public safety guardians and witnesses of crime.

P. 6. (CESKOSLOVENSKY VOJAK) (Praha, Czechoslovakia) Vol. 7, no. 3, Feb. 1958

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

SMOLIK, Miroslav, inz.

Economization of fuel and power by introduction of new technology. Sklar a keramik 14 no.8:217-219 Ag '64.

1. Ministry of Consumer Goods Industry, Prague.

KAWECKI, Karol; SMOLIK, Roman

Clinical, anatomical, and pathological considerations on a case of myelosarcomatosis. Polski tygod.lek.10 no.50:1614-1618 12 Dec. '55.

1. Z II Kliniki Chorob Wewnetrznych A.M. we Wroclawiu; kierownik: prof. dr A. Falkiewicz i z Zakladu Anatomii Patologicznej A.M. kierownik: prof.dr Z. Albert. Wroclaw 2, ul. Chalubinskiego 5.
(MYELOMA, PLASMA CELL,
leg, case report)
(LEG, neoplasms,
myeloma, plasma cell, case report)

SMOLIK, Roman

A case of spontaneous rupture of aortic aneurysm into the stomach. Polski tygod. lek. 14 no.41:1829-1831 12 Oct 59.

1. (Z II Kliniki Chorob Wewnetrznych A. M. we Wroclawiu; kierownik: prof. dr med. Antoni Falkiewicz).
(AORTIC ANEURYSM, compl.) (STOMACH, dis.)

SMOLIK, Roman; ZUKOWSKI, Wojciech

A rare case of myocardial lesions consecutive to ethyl alcohol intoxication. Polskie arch. med. wewn. 31 no.4:577-581 '61.

1. Z II Kliniki Chorob Wewnetrznych AM we Wroclawiu Kierownik: prof. dr med. A. Falkoewicz)

(ALCOHOLIC INTOXICATION compl) (HEART DISEASE etiol)

SMOLIK, Roman

Behavior of the reactivity of the organism in patients with hyperthyroidism treated with methylthiouracil. Polskie arch. med. wewn. 31 no.7:983-988 '61.

1. Z II Kliniki Chorob Wewnetrznych AM we Wroclawiu Kierownik: prof. dr med. A. Falkiewicz.

(HYPERTHYROIDISM ther) (THIOURACIL ther)

SMOLIK, Roman

Psoriatic arthropathy. Polskie arch. med. wewn. 31 no.8:1133-1142 '61.

1. Z II Kliniki Chorob Wewnetrznych AM we Wroclawiu Kierownik: prof. dr med. A. Falkiewicz.

(PSORIASIS compl) (JOINTS dis)

POLAND

PLAMIENIAK, Zdzislaw and SMOLIK, Roman, Second Clinic of Internal Diseases (II Klinika Chorob Wewnetrznych), AM [Akademia Medyczna, Medical Academy] in Wroclaw (Director: Prof. Dr. A. FALKIEWICZ)

"Serum Protein Pattern in Chronic Lead Poisoning."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 10, 4 Mar 63, pp 358-361.

Abstract: [Authors' English summary] The electrophoretic studies of the serum protein in 32 patients with chronic lead poisoning are reported. The gamma globulins were found to be decreased, the decrease being related to the degree of intoxication. These observations confirm the damaging effect of lead on the reticulo-endothelial system. Of the 12 references cited, 6 are in Polish, 3 in German, and one each in English, French, and Czech.

1/1

RANDOWA, Danuta; SMOLIK, Roman; ZUKOWSKI, Wojciech

Respiratory function tests in obesity. Pol. arch.med. wewnet. 34 no.2:183-188 '64.

1. Z Kliniki Gruzlicy Pluc AM we Wroclawiu (kierownik: prof. dr.med. T.Garbinski) i z II Kliniki Chorob Wewnetrznych AM we Wroclawiu (kierownik: prof.dr.med. A.Falkiewicz).

*

[illegible], Wojciech; GRUSZKA, Mirosław; [illegible], Roman.

Cases of gynecomastia. Pol. tyg. lek. 19 no.[illegible]
S 14 '64

1. [illegible] II Kliniki Chorób Wewnętrznych Akademii Medycznej we Wrocławiu (Kierownik: prof. dr. med. Antoni Falkiewicz).

SMOLIK, Roman

Cardiomyopathia hypertrophica idiopathica. Pol. tyg. lek. 19 no.43a1652-1653 26 O '64

1. I II Klinika Chorob Wewnetrznych Akademii Medycznej we Wrocławiu (kierownik: prof. dr. med. Antoni Falkiewicz).

FALKIEWICZ, Antoni; GORNY, Stanislaw; GRUSZKA, Stanislaw; MARCINIAK, Roman; SMOLIK, Roman; WOJCIECHOWSKI, Franciszek; ZUKOWSKI, Wojciech

Hyperostosis frontalis interna. Incidence and clinical features. Pol. arch. med. wewnet. 35 no.5:615-617 '65.

Autonomic disturbances in hyperostosis interna. Ibid.:619-624

Hyperostosis frontalis interna. Hormonal assays. Ibid.:625-626

1. Z II Kliniki Chorob Wewnetrznych AM we Wroclawiu (Kierownik: prof. dr. med. A. Falkiewicz).

CHMIEL-NOCEN, Anna; SMOLIK, Roman; WOJNAROWICZ, Adolf

A case of primary antibody deficiency syndrome. Pol. tyg. lek. 20 no.28:1056-1057 12 Jl '65.

1. Z II Kliniki Chorob Wewnetrznych AM we Wroclawiu (Kierownik: prof. dr. med. A. Falkiewicz) i z Oddzialu Wewnetrznego Szpitala Miejskiego w Przemyslu (Ordynator: dr. med. A. Wojnarowicz).

BLAHA, L.; WEICHET, J.; ZVACEK, J.; SMOLIK, S.; KAKAC, B.

Synthetic experiments in the group of hypotensive alkaloids. VII. Preparation of (+)-deserpidine and (+)-isodeserpidine. Coll Cz Chem 25 no.1:237-244 Ja '60. (EEAI 9:12)

1. Forschungsinstitut fur Pharmazie und Biochemie, Prag.
(Alkaloids) (Hypotension) (Deserpidine)
(Isodeserpidine)

SMOLIK, S.; KVITA, V.; WEICHET, J.; TRCKA, V.

Studies in vitamin K and vitamin E series. X. Synthesis of vitamin K_1 analogue with unbranched side chain. Coll Cz Chem 25 no.1:259-264 Ja '60. (EEAI 9:12)

1. Forschungsinstitut fur Parmazie und Biochemie Prag.
(VITAMIN K) (VITAMIN E) (VITAMIN K_1)

CZECHOSLOVAKIA

[redacted], S.; [redacted], J.; Research Institute of Pharmacy and Biochemistry (Vyskumny Ustav pro Farmacii a Biochemii), Prague.

"Synthesis of Alkyliden- and Aryliden-derivatives of 1-Amino-Hydantoin and 3-Amino-Hydantoin-2-Oxazolidone."

Prague, Ceskoslovenska Farmacie, Vol 15, No 9, Nov 66, pp 466-469

Abstract [Authors' English summary modified]: 1-benzylidene-2-semicarbazideacetic acid was prepared by the reaction of ethyl-N-benzylidine-1-hydrazinoacetate with potassium cyanate, and possibly with phosgene, followed by aminolysis. This acid was identical with the alkylation product of benzaldehyde semicarbazone with chloroacetic acid. Cyclization of the derivatives of 2-semicarbazideacetic acid to derivatives of 1-aminohydantoin with possible transarylidenation are discussed. N-benzylidene- or N-(5-nitro-2-furfurylidene)-3-amino-2-oxazolidone were prepared by the reaction of ethyl 2-benzylidenehydrazinocarbonate or 2-isopropylidenehydrazinocarbonate with 5-nitrofurfuraldiacetate. 1 Figure, 26 Western, 2 Czech, 4 Japanese, 1 East German reference. (Manuscript received 21 Oct 65).

SMOLIK, Z.

Daily precipitation conditions in Kosice during the summer season.
Meteor zpravy 17 no.2:41-43 Ap '64.

1. Hydrometeorological Institute, Prague.

SMOLIKOV, Mikhail Pavlovich [Smolikau, M.P.]; KARKLINA, E., red.

[It pays to raise sheep] Razvodzits' avechak - vyhadna. Minsk, Dziarzh. vyd-va sel'skahaspadarchai lit-ry BSSR, 1963. 33 p. (MIRA 17:11)

1. Predsedatel' kolkhoza "Chyrvony stsyag" Dobrushskogo rayona Gomel'skoy oblasti (for Smolikov).

SMOLIKOVA, J.

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: [not given]

Affiliation: Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague

Source: Prague, Collection of Czechoslovak Chemical Communications, Vol 26, No 11, November 1961, pp 2891-2896

Data: "Spectroscopic Study of the Hydrogen Bond in Substituted 2-Nitrophenols."

Authors:

HORAK, M
SMOLIKOVA, J
PITHA, J

(3)

CZECHOSLOVAKIA

LAHLER, L; SAMEK, Z; SMOLIKOVA, J; SORM, F

Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague - (for all)

Prague, Collection of Czechoslovak Chemical Communications, No 5, May 1966, pp 2034-2047

"On steroids. Part 97: Isolation and structure of some secondary formed weak bases from Holarrhena antidysenterica."

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H. Priestley