

VLAD, P.^f; SOUCEK, M.

On terpenes. Part 137: Absolute configuration of nerolidol.
Coll Cz Chem 27 no.7:1726-1729 J1 '62.

1. Institute of Organic Chemistry and Biochemistry,
Czechoslovak Academy of Sciences, Prague. 2. On leave of
absence from the Institute of Chemistry, Moldavian Academy
of Sciences, Kishinev, USSR (for Vlad).

VOICULESCU, M., prof.; DUMITRESCU, Maria; IONESCU, R.; LEONESCU, M.; DAVIDESCU,
C.; PAUN, L.; VLAD, R.

Staphylococcal septicemia. Microbiologia (Bucur) 6 no.1:24 Ja-F '61.

VOICULESCU, M., prof.; CARUNTU, Veronica, dr.; PEREDERI, Lenta, chim.;
ZAMFIRESCU, I., dr.; RADULESCU, M. dr.; PAUN, L. dr.; VLAD, R.,
dr.; DUMINICA, Al, dr.; BUTOIANU, C. dr.; CONDRATOV, Lidia, dr.

Possible relations between the etiological type of viral hepatitis and the sequelae of the hepatitis (chronic hepatitis and cirrhosis). Med. intern. (Bucur.) 16 no.7:783-791 J1'64

1. Lucrare efectuata la clinica de boli contagioase nr.1, I.M.F.
[Institutul medico-farmaceutic], Spitalul "Colentina" (director:
prof. M. Voiculescu).

VLAD, T., dr.; NICOLESCU, Anca, dr.

... .. in present-day epidemics. *Pediatria*
(Bucharest) no. 1:83-87 34-51pp.

1. Clinica I de boli contagioase, Institutul medico-farmaceutic,
Bucuresti (director: prof. E. Voiculescu).

VLAD, R.

SURNAME, Given Names

Country: Rumania

Academic Degrees:

Affiliation: *)

Source: Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol VI,
No 4, Jul-Aug 1961, pp 335-339.

Data: "Epidemic Focus of Infectious Mononucleosis."

Authors:

Vlad, R., -Dr.-

ANGELESCU, M., -Dr.-

PEREDERI, S., -Dr.-

*) Work done at the Clinic for Infectious Diseases No 1 of the
Medical Pharmaceutical Institute (Clinica de Boli Infectioase Nr. 1,
Institutul Medico-Farmaceutic), Bucharest.

ero 981643 164

VOICULESCU, M., prof.; ZAMFIRESCU, I.; CARUNTU, Veronica; ISTODOR, N.;
VALERIU, A.; RADULESCU, M.; DEDIU, St.; BOCIRNEA, C.; DUMINICA, A.;
PAUN, L.; RADVAN-GEORGESCU, A.; VLAD, R.

Treatment and prophylaxis of hepatic coma in the course of epidemic
hepatitis. Rumanian M Rev. no.4:29-31 O-D '60.
(HEPATITIS, INFECTIOUS complications) (HEPATIC COMA therapy)

SERBAN, D.; VLAD, T.; LICARET, C.

Decontamination of surfaces and objects contaminated by radioactive substances. Pt.1. Rev chimie Min petr 14, no.9:535-537
S '63.

ACCESSION NR: APh038913

R/0003/64/015/004/0218/0219

AUTHOR: Gheorghiu, Tr.; Serban, D.; Vlad, T.; Licaret, C.

TITLE: Decontamination of objects and surfaces contaminated with radioactive substances. II. Experimental part

SOURCE: Revista de chimie, v. 15, no. 4, 1964, 218-219

TOPIC TAGS: Decontamination of object, surface decontamination, radioactive isotope, ^{32}P , ^{51}Cr , ^{60}Co , ^{65}Zn , ^{75}Se , ^{90}Sr , ^{95}Zr , ^{110}Ag , ^{124}Sb , ^{131}I , ^{147}Pm , decontaminant solution, water, ethanol, HCl, citric acid, sodium citrate, ammonium citrate, acetic acid, ligroin, EDTA, H sub 3 PO sub 4, HNO sub 3, H sub 2 SO sub 4, Na sub 3 PO sub 4, K sub 2 Cr sub 2 O sub 7

ABSTRACT: The following materials have been contaminated with 1cm^3 of radioactive solution of 5 to 10 microcurie/ cm^3 and dried in sunlight: glass, tin cans, aluminum foil, iron plates, linoleum, unplasticized polyvinylchloride. 11 radioactive isotopes have been used in different water soluble salts: ^{32}P (Na_2HPO_4), ^{51}Cr ($\text{Cr}(\text{NO}_3)_3$), ^{60}Co ($\text{Co}(\text{NO}_3)_3$), ^{65}Zn (ZnCl_2), ^{75}Se ($\text{Se}(\text{NO}_3)_2$), ^{90}Sr ($\text{Sr}(\text{NO}_3)_2$),

Card 1/12

ACCESSION NR: APL038913

^{95}Zr ($\text{Zr}(\text{C}_2\text{O}_4)_2$), ^{110}Ag (AgNO_3), ^{124}Sb (SbCl_5), ^{131}J (NaJ), ^{147}Pm ($\text{Pm}(\text{NO}_3)_3$). The decontamination has been carried out immediately after drying or 2h, 48, 120 and 360 hours after contamination, by washing and wiping with different reagents (water, ethanol, HCl (3, 10 and 15%), citric acid (2 and 5%), sodium citrate (2 and 5%), ammonium citrate (2 and 5%), H_3PO_4 (1%), CH_3COOH (10%), HNO_3 (3%), H_2SO_4 (1%), ligroin, Na_3PO_4 (1%), citazol (0.5%), EDTA (0.5%), $\text{K}_2\text{Cr}_2\text{O}_7$ (5%), Na_2CO_3 (5%)). The remaining radioactivity has been measured with a TISS radiometer at 5cm. distance from the sample. The results are presented in six ternary diagrams. Original article has two tables and six figures which are included in the abstract.

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 09Jun64

ENCL: 10

SUB CODE: GC

NO REF SOV: 000

OTHER: 000

Card 2/12

ACCESSION NR: APL038913

ENCL: 01

Table 1.

Radioactive Isotopes Used For Contamination

Symbol	Isotope	Chemical Compound
A	^{32}P	Na_2HPO_4
B	^{51}Cr	$\text{Cr}(\text{NO}_3)_3$
C	^{60}Co	$\text{Co}(\text{NO}_3)_2$
D	^{65}Zn	ZnCl_2
E	^{75}Se	$\text{Se}(\text{NO}_3)_2$
F	^{90}Sr	$\text{Sr}(\text{NO}_3)_2$

Card 3/12

ACCESSION NR: AP4038913

ENCL: 02

G	^{95}Zr	$\text{Zr}(\text{C}_2\text{O}_4)_2$
H	^{110}Ag	AgNO_3
I	^{124}Sb	SbCl_5
J	^{131}J	NaJ
K	^{147}Pm	$\text{Pm}(\text{NO}_3)_3$

Card 4/12

ACCESSION NR: AP4038913

ENCL: 03

Table 2.

Reagents Used For Decontamination

Symbol	Decontaminating Solution
1	Water
2	Ethanol
3	3% HCl
4	10% HCl
5	15% HCl
6	Citric acid - 2%
7	Citric acid - 5%
8	Na citrate 2%
9	Na citrate 5%
10	NH ₄ citrate 2%
11	NH ₄ citrate 5%
12	H ₃ PO ₄

Card 5/12

ACCESSION NR: AP4038913

ENCL: 04

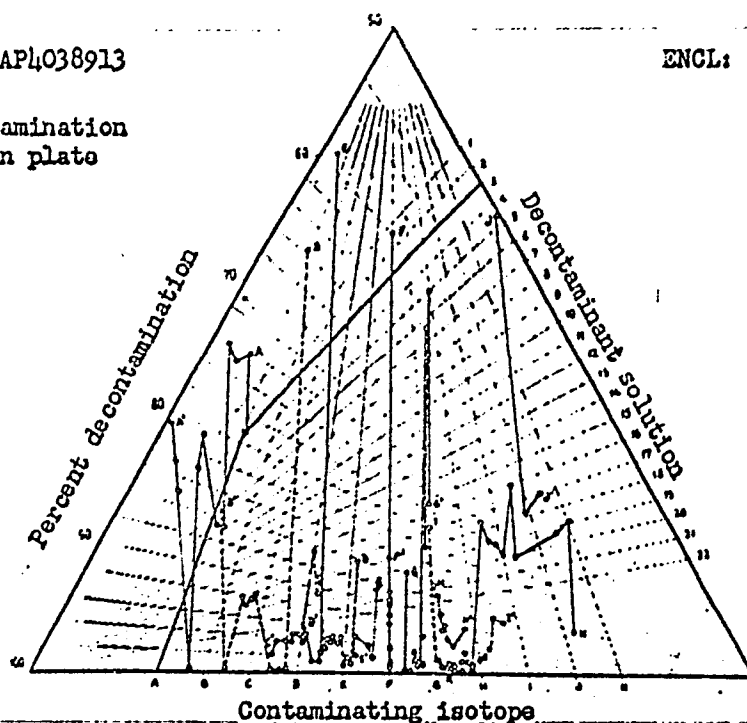
13	CH ₃ COOH
14	HNO ₃
15	H ₂ SO ₄
16	HCl 3% plus Na citrate 2%
17	Ligroin
18	Na ₃ PO ₄
19	Citazol
20	EDTA
21	K ₂ Cr ₂ O ₇
22	Na ₂ CO ₃

Card 6/12

ACCESSION NR: AP4038913

ENCL: 05

Fig. 1. Decontamination
of iron plate

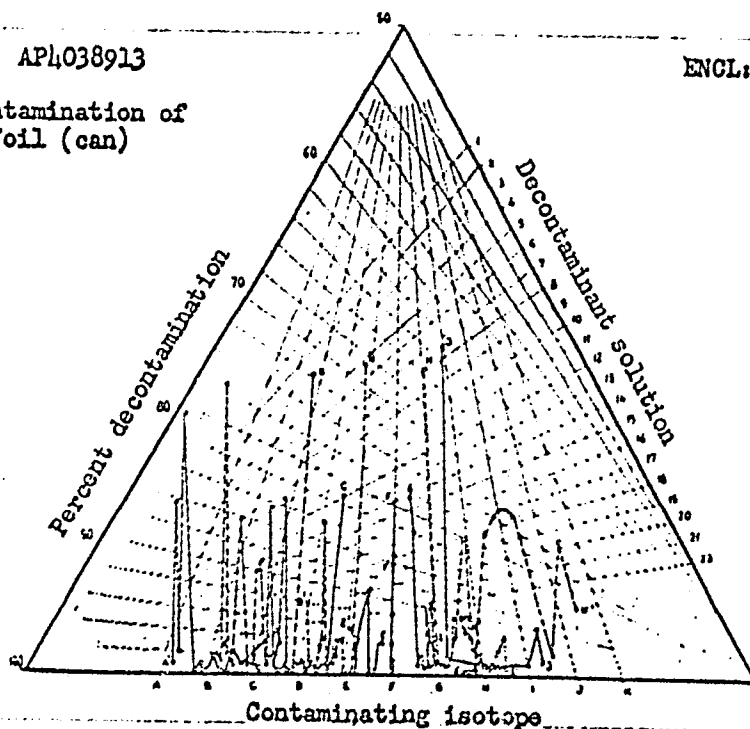


Card 7/12

ACCESSION NR: AP4038913

ENCL: 06

Fig. 4. Decontamination of
tin foil (can)

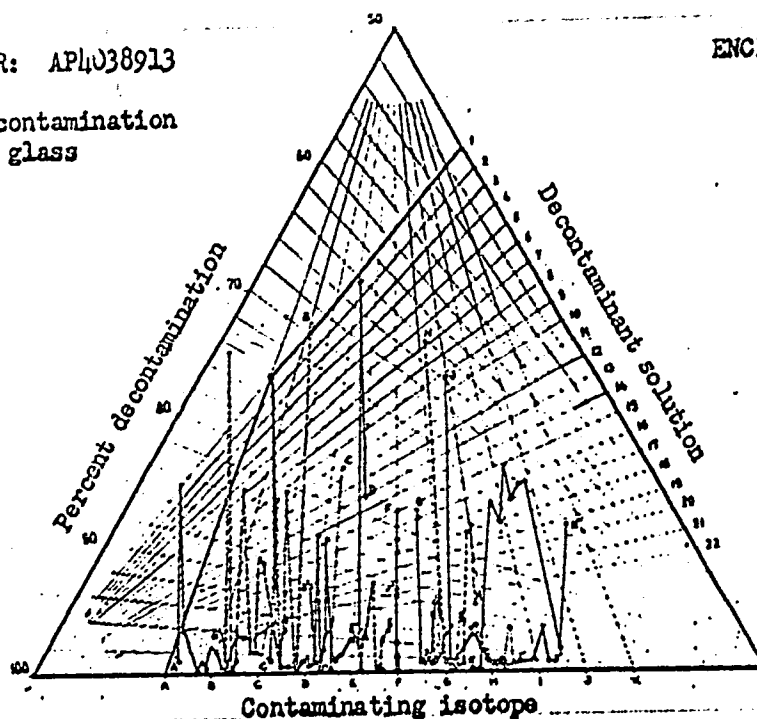


Card 8/12

ACCESSION NR: APL038913

ENCL: 07

Fig. 3. Decontamination
of glass

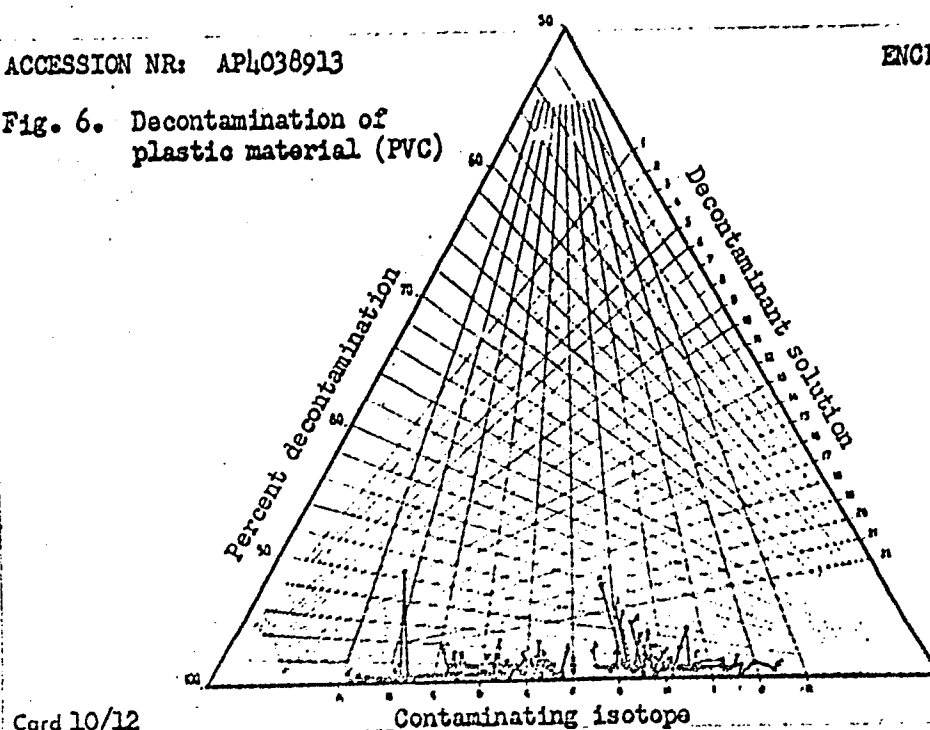


Card 9/12

ACCESSION NR: AP4038913

ENCL: 08

Fig. 6. Decontamination of plastic material (PVC)

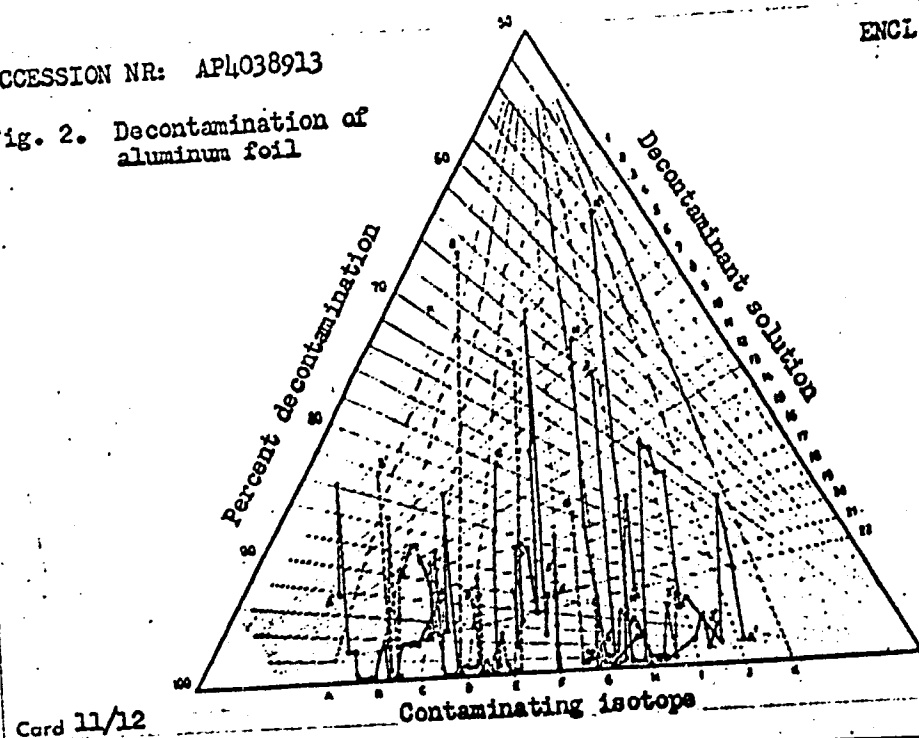


Card 10/12

ACCESSION NR: AP4038913

ENCL: 09

Fig. 2. Decontamination of
aluminum foil

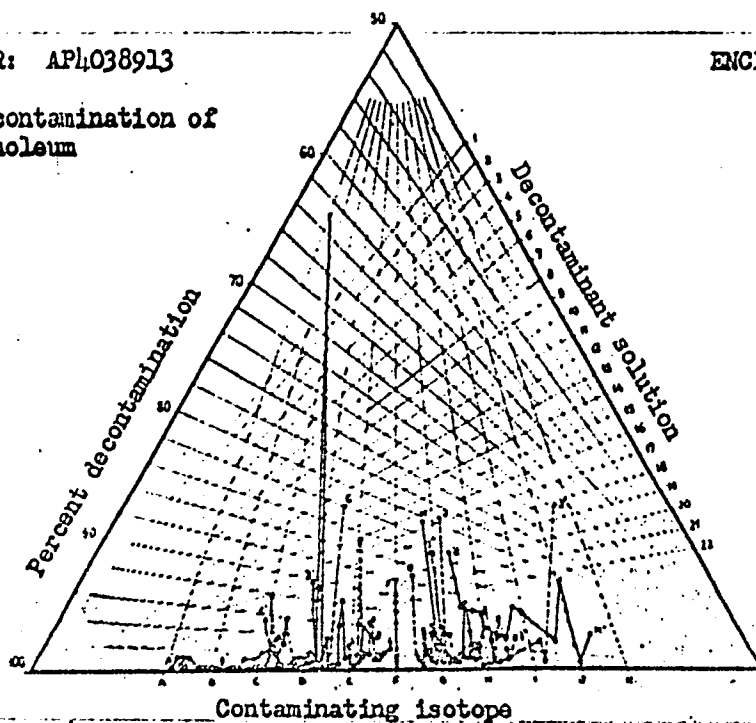


Card 11/12

ACCESSION NR: APL038913

ENCL: 10

Fig. 5. Decontamination of
linoleum



Card 12/12

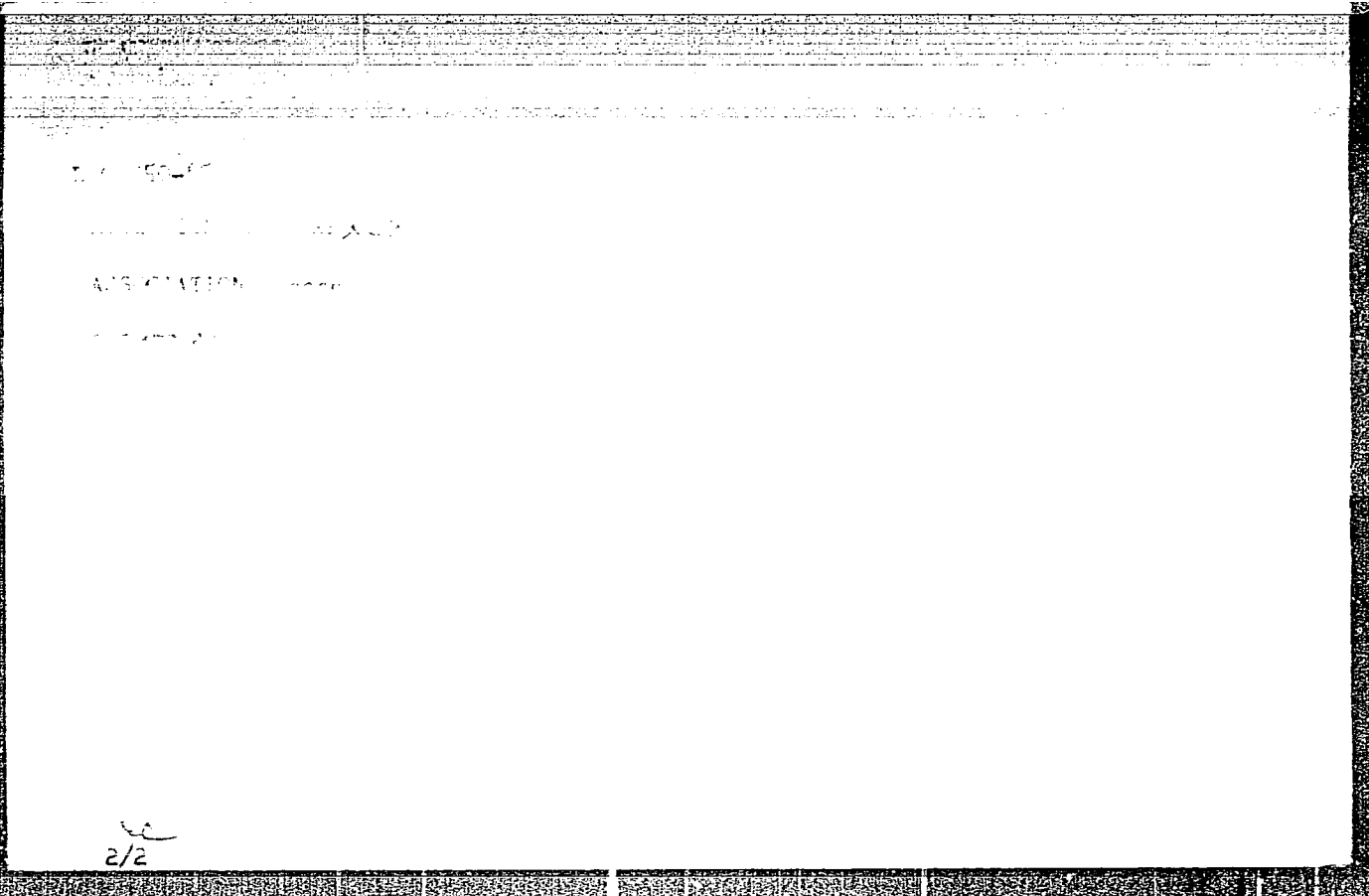
SOURCE: Revista de Quimica, v. 17, no. 11, 1964, 672-677

TOPIC TAGS: Nuclear decontamination; Radioactive contamination; Radioactive solution; Radioactive waste; Radioactive material

ABSTRACT: The authors found that good decontamination was given by employing sodium hexametaphosphate and sodium vinylene-

diamine-tetraacetate. The authors also found that good decontamination was given by sodium hexametaphosphate and sodium vinylene-

diamine-tetraacetate. The authors also found that good decontamination was



GHEORGHIU, Tr.; SERBAN, D.; VLAD, T.; LICARET, C.

Decontamination of surfaces and objects contaminated by
radioactive substances. Pt. 2. Rev chimie Min petr 15
no.4:218-219 Ap '64.

LICARET, C.; SERBAN, D.; VLAD, T.

Decontamination of surfaces and objects contaminated with radioactive substances; cotton-made protection. Pt. 3. Rev chimie Min petr 15 no.11:692-695 N '64.

NEGRU, Aleksandru [Negru, A.]; VLAD, Yelena [Vlad, E.]

New materials for studying the mycoflora of the Rumanian People's Republic. Izv.AN Arm.SSR.Biol.nauki 15 no.11:43-49 N '62.
(MIRA 15:12)

1. Rumynskiy institut lesovodstvennykh issledovaniy.
(RUMANIA—FUNGI, PHYTOPATHOGENIC)

VLADAISKI

"Main problems of agriculture during the year.", p 40, (KOOPERATIVNO ZEMEDELIE,
Vol 6, #1/2, Jan/Feb 1951, Bulgaria)

SO: Monthly List of East European Russian Accessions, Vol 2, #8, Library of Congress, August 1953, Uncl.

VIA DAR, Ferenc

Janos Lippai, the first educator of our gardeners, 1606-1666.
Elet tud 15 no.37:1155-1158 11 S '60.

1. Lippai Janos Kerteszeti Technikum igazgatoja, Satoraljaújhely.

VLADAR, Jaroslav, inz., CSc.

Analysis of costs of modern power reserve sources. Energetika
Cz 13 no.9:475-477 S '63.

1. Ceske vysoke uceni technicke, Praha.

VLADAR, Janos, dr.

Primary cancer of the fallopian tubes with cystic metastasis to the vagina. Magy. noorv. lap 18 no.5:309-312 Sept 55.

1. Gyulai megyei korhaz szulo- es nobetegosztalyanak kozlemenye.
(Foorvos: Szendi, Balazs, dr., az orvostudomanyok kandidatusa).

(FALLOPIAN TUBES, neoplasms

primary carcinoma, cystic metastasis to the vagina,
diag.)

(VAGINA, neoplasms

metastatic cystic tumor from carcinoma of fallopian
tubes, diag.)

VLADAR, Jaroslav, doc. inz. CSc.; HORAK, Vladimir, inz.

Hardening of water gauge glass, resistance furnaces. Ener-
getika Cz 14 no.6:283-287 Je '64

1. Czech Higher School of Technology, Prague (for Vladar).
2. Research Institute of Heavy Machine Industry (for Horak).

VLADAR, Jaroslav, doc. inz. CSo.

Speed and voltage control of diesel electric power plants.
Energetika Cz 14 no.10:478-482 O '64.

1. Czech Higher School of Technology, Prague.

VLADAR, Jaroslav, inz., C.Sc.

Diesel-electric aggregates. Energetika Cz 13 no.4:211-212 Ap '63.

1. Ceske vysoke uceni technicke, Praha.

TRNOVEC, T.; BENO, M.; PLESKOVA, A.; VLADAR, M.

Accelerated excretion of intratracheally administered radio-cerium by means of diethylenetriamine pentaacetic acid. Cesk. hyg. 10 no.7:385-392 Ag '65.

1. Vyskumny ustav hygieny prace a chorob z povolania, Bratislava.

PLESKOVA, A.; BENO, M.; TRNOVEC, T.; VLADAR, M.

Effect of the carrier on pulmonary retention of radiocerium.
Prac. lek. 7 no.8:350-353 6 : 65.

1. Vyskumny ustav hygieny prace a chorob z povolania v Bratislave (riaditel - prof. dr. M. Nosal).

VLADAR, R.

Does the agronomic service in machine-tractor centers have its justification.

p. 556 (MECHANISACE ZEMEDELSTVI) Vol. 7, no. 24, Dec. 1957,
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

VLADAR, R.

VLADAR, R. A better future for our agriculture lies in a firm cooperation of peasants
with workers. p. 297.

Vol. 6, No. 16, Aug. 1956.

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AGRICULTURE

Praha, Czechoslovakia

So: East European Accession, Vol. 6, No. 3, March 1957

MENYAYLOV, A.A.; ~~VIADAVETS, V.I.~~, redaktor; VOLYNSKAYA, V.S., redaktor;
ASTAF'YEVA, G.A., tekhnicheskii redaktor.

Geological structure, state, and eruptions of Shiveluch Sopka.
Trudy Lab.vulk. no.9:3-262 '55. (MLRA 9:3)
(Shiveluch Sopka)

VLADAVETS, V.I.; MOROZOV, A.I.; TROITSKIY, V.D.

Malyy Semyachik Sopka. Biul.Vulk.sta. no.15:19-27 '48. (MIRA 9:11)
(Malyy Semyachik Sopka)

VLADAVETS, V. I.

19808 VLADAVETS, V. I.

Narsarsukit na Tur'em mysu. Doklady Akad. Nauk SSSR, Novaya Seriya, T. LXVII, No. 1,
1949, S. 133-34.

SO: LETOPIS ZHURNAL STATEY, Vol. 27, Moskva, 1949.

VLADDA, I.

Examples of calculation and construction elements for cooling
towers. p. 56

Vol. 2, no. 2, Feb. 1954
ENERGETICA
Bucuresti

Source: East European Accessions List (EEAL), IC, Vol., 5, no. 2
Feb. 1956

VLADEA, IOAN.

VLADEA, IOAN. Bazele teoretice ale termotehnicii. "Bucuresti" Editura Energetica de Stat. "Theoretical bases of heat engineering"

Vol. 1. "Thermodynamic technique. illus., bibl., 4 diagrs. (in pocket) "1956"
NN Not in DLC

TECHNOLOGY
ROMANIA

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

VLADEA, I.; BARBU, V.; UNGUREANU, C.; BEJAN, I.; THEIL, H.; COTOCIU,
Eleonora

Influence of the main parameters on the pulverization angle
of a rotary injector. Bul St si Tehn Tim 7:185-195 '62.

VLADEA, I.; NOWY, O.

Study of the Behr type oil cooler. Studii tehn Timisoara 10
nq.2:345-354 J1-D '63.

VIADFA, I.

Problems of fuel economy in the manufacture of cement. p.247.

ENERGETICA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din
Romania si Ministerul Energiei Electrice si Industrii Electrotehnice)
Bucuresti, Rumania
Vol. 7, no. 6, June 1959.

Monthly list of Eastern European Accession Index (EEAI) IC vol. 2, No. 11
November 1959
Uncl.

VLADIM, I.

Introduction of the new measuring units in thermotechnics. p. 205.

ENERGETICA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din
Romania si Ministerul Energiei Electrice si Industrii Electrotehnice)
Bucuresti, Rumania
Vol. 7, no. 7, July 1959.

Monthly list of Eastern European Accession Index (EEAI) IC vol. 8, No. 11
November 1959
Uncl.

VLADEA, I.

Theoretical considerations and methods of calculation for ejectors.

II. p. 70. ENERGETICA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerului Energiei Electrice si Industriei Electrotehnice) Bucuresti. Vol. 4, no. 2, 1956.

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

VLADEA, I.

Theoretical considerations and methods of calculation for ejectors.

I. p. 13. ENERGETICA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Rominia si Ministerului Energiei Electrice si Industriei Electrotehnice) Bucuresti. Vol. 5, no. 1, 1956.

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

CERCHEZ, V.Th.; VLADEANU, Al.

Separation of some aliphatic acids from naphthenic acids by complexing with urea. Petrol si gaze 13 no.10:452-458 0 '62.

L 2547-66 T JK

ACC NR: AP6026860

SOURCE CODE: RU/0023/66/011/002/0173/0179

AUTHOR: Vladescu, Ana---Vladesku, A. (Doctor); Leonari, V. (Doctor); Rindasu,
Georgeta---Ryndashu, D. (Doctor)

ORG: Department of Microbiology, Faculty of Stomatology /headed by V. Bilbio/
(Disciplina de microbiologie a Facultatii de stomatologie)

TITLE: Contributions to the study of experimental infection with Candida albicans
in the white mouse

SOURCE: Microbiologia, parazitologia si epidemiologia, v. 11, no. 2, 1966, 173-179

TOPIC TAGS: saccharomyces, pulmonary disease, dermatology

ABSTRACT: The authors found on the basis of the experimental work reported that white mice are the most suitable laboratory animals in which to induce a generalized Candida infection, and that the determination of the DL₅₀ for white mice is a scientific means for determining the virulence of Candida albicans strains. The Candida albicans cultures were collected by the Laboratory of Microbiology, Faculty of Stomatology. Orig. art. has: 1 table. [Based on authors' Eng. abst.] [JPRS: 36,834]

SUB CODE: 06 / SUBM DATE: 10Dec64 / ORIG REF: 003 / SOV REF: 002
OTH REF: 018

Card 1/1

UDC: 616-002.828.223.2-092.9

VLADESCU, C.

Glycemia in the Vipera berus. Studii care biol z. zool 17
no.1:71-74 '65.

1. Laboratory of Animal Physiology, "Traian Savulescu" Institute
of Biology. Submitted May 27, 1964.

PAUN, R.; POPESCU, I. Gr.; GHEORGHIU, T.; ZAMFIRESCU-GHEORGHIU, Marcela; MAXIMILIAN
Stefania; OLARU, Cornelia; GEORGESCU, Carmen; VLADESCU, C.;
DALBON, I.

Research on occupational allergy to library dust. Stud. cercet.
med. intern. 5 no.1:45-53 '64.

ZAMFIRESCU- GHEORGHIU, Marcela; POPESCU, Iuliu; DOBREANU-ENESCU, Viorica,
VELICAN, Doina; APOSTOLESU, Ileana; CUCU, F.; VLADESCU, C.

Action of some energetic enzymatic inhibitors on myocardial
activity. Stud. cercet. med. intern. 5 no.2:197-205 '64

COSTESCU, D., ing.; VLADEANU, M., ing.; TEODORESCU, T., ing.

Study on the joining of profiles in synthetic polymers
by the thermoplastic fastening method. Rev constr si
mat constr 16 no. 1:31-35 Ja '64.

MATEESCU, M.; GRIGORESCU, R.; HERZOG, A.; IONESCU, F.; IURCENCO, V.;
VLADDEANU, M.

Obtention of polyvinyl butyral. Rev chimie Min petr 13 no.9:523-527
8 '62.

RUMANIA/Chemical Technology. Chemical Products and Their
Application. Synthetic Polymers. Plastics

H

Abs Jour: Ref Zhur-Khim , No 13, 1958, 45089.

Author : Costescu D., Vladeanu Marica

Inst :

Title : Plastics Based on Polyvinyl Acetate. I. Rigid Molding
Materials for Phonograph Records.

Orig Pub: Rev chim , 1957, 8, No 4, 283-286.

Abstract: As a result of investigations of compositions for
phonograph records, based on polyvinyl acetate resin
Vinacet S (I), it was found that the K value, ac-
cording to Fikenchner [transliterated], of I is
within the range of 75 ± 5 ; when the filler is cal-
cite [(II), optimal ratio II : I = 70 : 30] it is

Card : 1/2

RUMANIA/Chemical Technology. Chemical Products and Their
Application. Synthetic Polymers. Plastics.

H

Abs Jour: Ref Zhur-Khim., No 13, 1958, 45089

advantageous to replace 5 parts II by microasbestos (III); a portion of I (up to 40%) can be successfully replaced by lacquer resin (IV). The proposed molding material for phonograph records consists of (in %): I 18, IV (MP 90°) 12, II 65 and III 5, and is superior in mechanical characteristics to foreign compositions of this type.

Card : 2/2

49

VLADEANU, Valentin, ing.; BUDASCA, Vasile

Conductors of high-tension lines used for the carriers of the
current in telephone circuits. Energetica Rum 8 no.4:177-178
Ap '60.

22075

R/006/60/008/003/002/002
D015/D105

26.2194

AUTHORS: Varadi, Gheorghe, Engineer, and Vlădeanu, Valentin, Engineer

TITLE: Electronic device for determining the resonance frequency
of turbine blades by the forced resonance method

PERIODICAL: Energetica, v. 8, no. 3, 1960, 114 - 117

TEXT: The authors describe the "Turbotest" device constructed by SREB and used for measuring the natural frequency of turbine blade vibrations. This portable device contains all the elements required for measuring the resonance frequency by the forced resonance method. The component parts are assembled into four units, each of which can also be used separately. These units are mounted on four different inter-connected chassis. The "Turbotest" consist of 1) the joint chassis for the net transformer, the rectifiers, the power amplifier and the low-frequency oscillator; 2) the oscilloscope unit, containing the two chassis of the two deflecting amplifiers, the ray deflecting oscillator chassis, and the tube armature; 3) the chassis of the electronic volt-meter, fitted to the front

Card 1/6

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X

Electronic device for determining ...

plate above the measuring instruments; and 4) the front plate containing the switching and control elements, as well as the measuring instrument of the electronic volt-meter, the cathode tube screen and the dial of the low-frequency oscillator. The wiring diagram of the device is shown in Fig. 3. The device is fed through a cable plugged to the terminal at the back of the apparatus. The exciter and the transducer are connected by a flexible cable to two special jacks on the front panel. To permit interference suppression, the internal connections of the device are performed by bars provided with terminals, at which all necessary measurements may be accomplished. The connections are made to allow the separation of each chassis and the removal of the corresponding unit in order to suppress interference without breaking the connections. The author describes the structure and operational principle of each unit. The octode-type electronic tubes are of Soviet origin, except the STV 150/40 voltage stabilizer and the AZ 41 rectifiers for the accelerating potential of the oscilloscope. The technical data of the "Turbotest" device are: sensitivity of the oscilloscope,

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D015/D105

Electronic device for determining ...

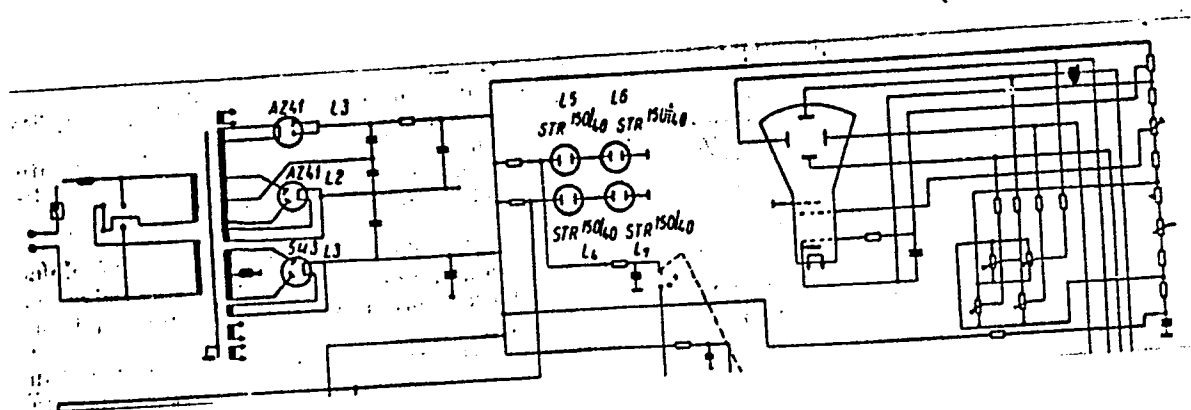
100 mv/cm; amplification factor of the amplifiers, $K = 120$; linearity, 20 cps - 300 kc; operation frequency of the ray deflecting generator, 30 cps - 25 kc, divided into four stages; operation frequency of the low-frequency oscillator, 20 cps - 9 kc, subdivided into three stages, 20 - 160 cps, 160 cps - 1.3 kc, and 1.3 - 9 kc; output voltage of the oscillator, 3 v; measuring field of the electronic volt-meter, 0 - 100 v, in three stages, accuracy degree, 2.5; useful power of the power amplifier, 4 w at 800 cps; feeding voltage of the device, 110 and 220 v $\pm 5\%$, 50 cps; size, 460 x 260 x 230 mm; weight, approx 15 kg; and, power consumption, 70 va. There are 3 figures and 9 references: 8 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: Terman - Pettit: Electronic measurements, New York, 1952.

Card 3/6

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R/006/60/008/003/002/002
D015/D105

LV

Electronic device for determining ...



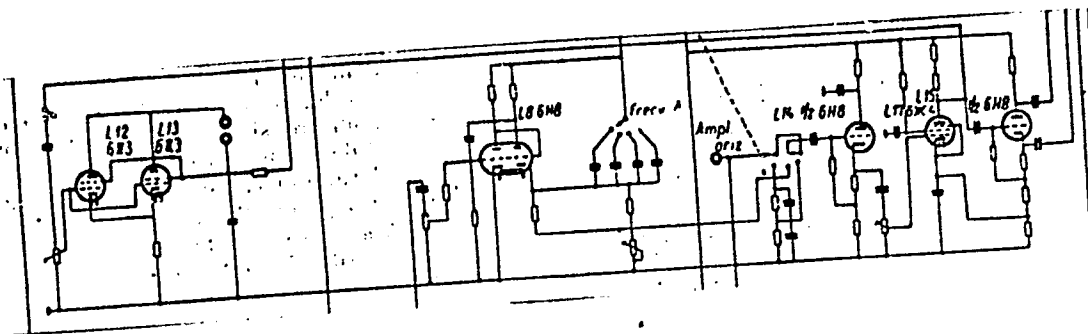
Card 4/6

Fig. 3. Wiring diagram.

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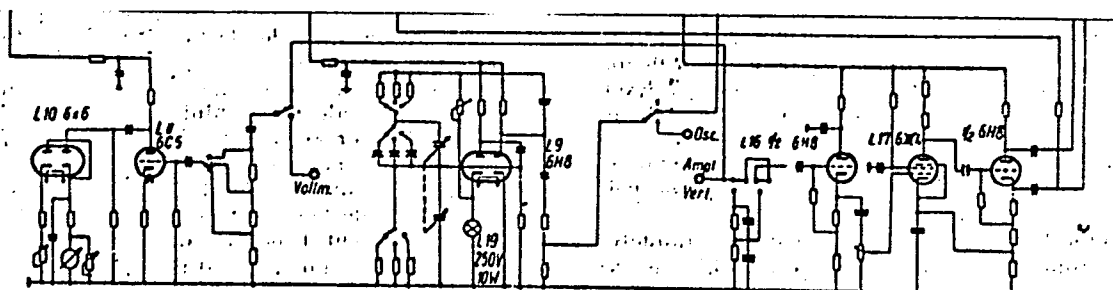
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Fig. 3. Wiring diagram

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D015/D105

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Electronic device for determining ...



Card 6/6

Fig. 3. Wiring diagram.

VLADENOV, S.T.

(13)

17. "Specificity of the Fluorochromic Urethane in the Cytochemical Analysis of LAM. No. 125V; pp 290-292.
18. "Antimicrobial Properties of Honey" C. SHELTON and S. T. VLADENOV; pp 303-304.
19. "Antibacterial and Antibiotic Properties of Sulphonamide-Induced Volutin Inclusions in Certain Microbes" C. SHELTON and S. T. VLADENOV; pp 307-310.
20. "On the Detection of Nucleic Acids in the Embryo Sac of Helianthus annuus L. by Urethane" (in English) O.A. VASSILIOV-VLADENOV; pp 311-314.
21. "Morphological Studies on the Growth of Preserved Tendon (Sartorius) in the Embryo Sac of Helianthus annuus L. by Urethane" (in English) O.A. VASSILIOV-VLADENOV; pp 315-318.
22. "On the Histological-Necrotizing Changes Induced in the Liver Tissue (Rana ridibunda Pall.) by Microchemical Organisms" O.A. VASSILIOV-VLADENOV, V. DOBRY, S.L. TOZAROV, D. KUCHOV and S. T. VLADENOV; pp 317-320.
23. "Changes of the Peritrophic Membrane After Stimulation in the Hypothalamic Area" S. T. VLADENOV; pp 321-324.

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The Influence of the Automatic Volume Control (A.V.C.) Device on Non-linear Distortions of Receivers. ELECTROTEHNICA (Electrical Engineering), #8:345:Aug 55

MICU, D.; ZAMFIRESCU-GHEORGHIU, Marcela; MIHAILESCU, Eugenia; MAXIMILIAN, Stefania; VLADESCU, C.

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VLADESCOU, C.

Studies of blood coagulation changes in rheumatoid polyarthritis
and malignant collagen diseases. Stud. cercet. med. intern. 6
no.1:67-79 '65.

LUPU, N. Gh., acad.; RUNCAN, V.; ZAMFIRESCU-GHEORGHIU, Marcela; PAPPO, A.;
MARCUS, N.; MIRON, C.; VELICAN, Doina; URSEA, N.; VLADESCU, C.

The value of several enzyme tests as compared with biological and
chemical tests in the early diagnosis of post-viral chronic hepati-
tis. Stud. cercet. med. intern. 2 no.5:653-661 '61.

(HEPATITIS, INFECTIOUS diagnosis)
(TRANSAMINASES blood)
(ALDOLASE blood
(BLOOD PROTEINS chemistry)
(ELECTROPHORESIS) (LIVER FUNCTION TESTS)

BURLACU, Gh.; VLADESCU, Constanta

Specific dynamic actions of some nutriments administered to white rats. Studii cerc biol anim 14 no.1:29-46 '62.

1. Comunicare prezentata de V. Ghetie, membru corespondent al Academiei R.P.R., si membru al Comitetului de redactie, "Studii si cercetari de biologie; Seria biologie animala."

FRONESCU, E., dr.; VLADESCO, Nadia, chimista

Investigations of Kunkel's phenol test in the diagnosis of arteriosclerosis. Med. intern. 14 no.2:221-227 F '62.

1. Lucrare efectuata in Clinica a V-a medicala, Spitalul "Vasile Roaita", I.M.F., Bucuresti (director: prof. T. Spirchez).
(ARTERIOSCLEROSIS diagnosis) (PHENOLS)

VLADESCU, R. CIOCOIU, A.

Tensioviscosimeter used in the hygienic control of milk. p. 19

Academiei Republicii Populare Romane. Institutul de Biochimie STUDII SI
CERCETARI DE BIOCHIMIE.
Bucuresti, Rumania
Vol. 1, no. 1, 1958

Monthly list of East European Accession Index (EFAI), LC Vol. 8, No. 11
November 1959
Uncl.

12

Determination of calcium in milk. Madu Vladescu.
Bull. acad. med. Roumanie 3, 822-7 (1937) (fr-French).
cf. C. A. 29, 340, 4406, 8013. — In a standard 100-cc.
bottle add to 10 cc. milk about 70 cc. distd. water, then 2
cc. of a satd. soln. of CuSO_4 and 2 cc. of a satd. soln. of
 $\text{Fe}(\text{CN})_3$ and make up with distd. water to 100 cc.
Agitate the mixt. vigorously, and after 10 min. filter over
powd. zinc to remove the copper. To 25 cc. of the clear
liquid add 2 cc. of a satd. soln. of AcONa and 5 cc. of a
5% soln. of $(\text{NH}_4)_2\text{C}_2\text{O}_4$. Let stand some hrs., filter off
 CaC_2O_4 , wash 3 times with the 2% ammoniacal soln.,
dissolve the ppt. with dil. H_2SO_4 , heat to boiling and titrate
the liberated oxalic acid with a 0.01 N KMnO_4 .

George Nachod

VLADESCU, B.

Development of the Sighisoara Plant.

P. 2(Construcitorul. Vol. 9, no. 386, June 1957, Bucuresti, Rumania)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

VLADESCU, B. ; MATASARU, N.

VLADESCU, B. ; MATASARU, N. A free path, advanced methods! p. 3.
The Geneva Conference, eloquent manifestation of forces
striving for peace. p. 3.

V61. 7 no. 289, July 1955
CONSTRUCTORUL
Bucuresti, Rumania

So: Eastern European Accession Vol. 5 No. 4 April 1956

VLADESCU, C., prof.

Knowledge about crude oil in the 17th century. Petrol si gaze
14 no. 9:472 S'63.

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VLADISCU, C.; CRISTESCU, Marcela.

Beta-glucuronidase activity in some forms of chronic hepatitis.
Stud. cercet. med. intern. 5 no. 5:527-534 '64

MARCUS, N.; GHEORGHIU, T.; VLADESCU, C.

Research on glucurono-conjugation in normal subjects and in
chronic liver diseases. Stud. cercet. med. intern. 4 no.4:
525-528 '63.

(LIVER DISEASES) (LIVER FUNCTION TESTS)
(GLUCURONATES) (URINE)

STOICHITA, Mihaela; CIOBANU, V.; TEICAN-GHEORGHIU, Maria; VLADESCU, C.

Studies on the interpretation of the interrelationships between fibrinogen and polysaccharides in some pathological states. III. Studies of the interrelationships between fibrinogen and plasmatic glycoproteins in rheumatic diseases. Stud. cercet.med. intern. 4 no.1:97-106 '63.

(FIBRINOGEN)	(POLYSACCHARIDES)	(GLYCOPROTEINS)
(BLOOD PROTEINS)	(PLASMA)	(RHEUMATISM)
(HEXOSES)	(HEXOSAMINES)	(BLOOD CHEMICAL ANALYSIS)

LUPU, N. Gh., acad.; STEINBACH, M.; DOBREANU-ENESCU, Viorica; VULPESCU, Sofia;
JELEA, Al.; TEODORINI, Sanda; VLADESCU, C.

Incidence of atherosclerosis among fishermen in the delta of the
Danube. Stud. cercet. med. intern. 4 no.1:29-35 '68.
(ARTERIOSCLEROSIS) (FISH) (FATS, UNSATURATED)
(BLOOD CHOLESTEROL) (HYPERTENSION)

ZAMFIRESCU-GHEORGHE, Ionela; PETRESCU, H.; GROZEA, P.; GOCIU, Mariana;
NICHITEA, Elena; VLADEN, C.; CUCU, P.

Variations in serum copper oxidase (ceruloplasmin) in the course
of malignant lymphogranulomatosis. Stud. cercet. med. intern. 5
no.3:263-267 '64.

POPESCU, I.Gr.; ZAMFIRESCU-GHEORGHIU, Marcela; VELICAN, Doina; RUNCAN, V.;
VLADESCU, C.

Investigations of curative therapy with energetic enzymes and
Juvocirrhoh in experimental toxic chronic hepatitis. Stud. cercet.
med. intern. 4 no.2:219-223 '63.

(HEPATITIS, TOXIC) (CYTOCHROMES) (CATALASE)
(GLUCOSIDASE) (COENZYMES) (PROTEIN HYDROLYSATES)

VLADESCU, Constanta

Studies on the regulation of glucidic metabolism in amphibia. Normal glycemia and hyperglycemia provoked in Rana ridibunda (I). Comunicarile AR 11 no.8:957-963 '61.

1. Comunicare prezentata de Eug. A. Fora, membru corespondent al Academiei R.P.R.

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Comparative study of the changes in the thromboelastogram and serum protein changes in patients with chronic hepatitis and cirrhosis. Stud. cercet. med. Intern. 5 no.6:633-640 '64.

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Influence of temperature on glycemia in *Emys orbicularis* L. *Studia
cerc biol s. zool* 16 no.6:521-528 '64.

1. Laboratory of Animal Physiology of the "Traian Savulescu"
Institute of Biology.

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Mariana; MIRON, C.

Serum copper oxidase during chronic inflammatory infections
and malignant hemopathies. Studii cerc biochimie 7 no.2:295-300
1964.

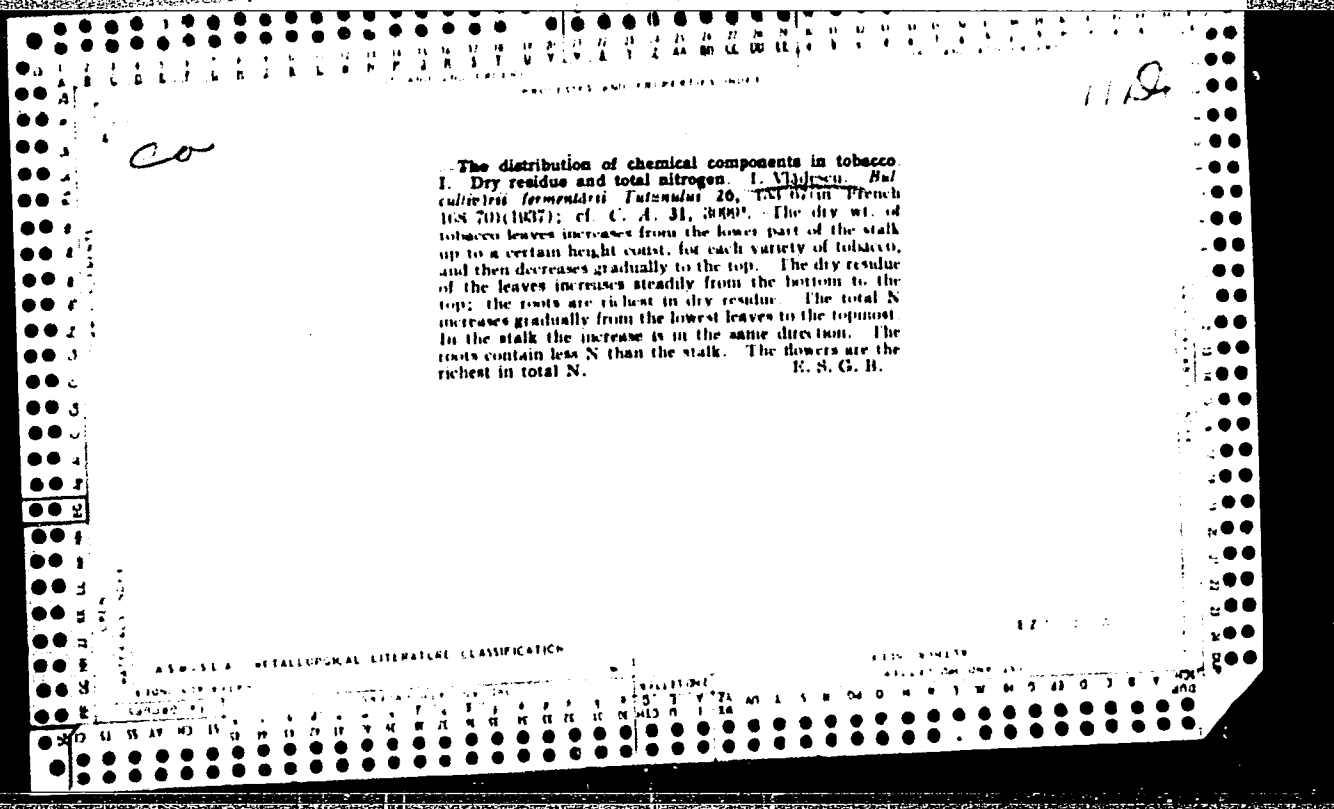
1. Institute of Internal Medicine, Romanian Academy and Ministry
of Health and Social Welfare. Submitted July 23, 1963.

RUKCAN, V.; PAIPO, A.; CRISTIANU, Iulia; POPES, G.; VLADIMIR, L.

Clinico-statistical data on cases of chronic hepatitis following epidemic hepatitis in a light metallurgical industrial unit. 1984. cercet. med. intern. 5 no.6:627-632 '84.

VLADESCU, D., ing.

Instead of manual labor. Constr Buc 14 no.651:3 30 Je '62.



1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
Proteins of tobacco. H. L. Wladescu and I. Zaporozhianu: <i>Bul. cultivedii fermentarii Tulumului</i> 26, 64-73 (in French) (in German 79-83) (1937); cf. C. A. 31, 10339. For the tobacco stalk the relation of percentage of N detd. by Mohr's method to that detd. by Barnstein's										method is between 85 and 98. During the growth of the plant there are 2 maxima and 2 minima; the first minimum appears at the moment of inflorescence, the second minimum during the period of drying of the capsule. The appearance of these minima is due to migration of substances from the stalk to the flower. In the last period after maturation of top leaves these substances go back to the stalk. In the roots, the relation percentage of N detd. by Mohr's method to that detd. by Barnstein's method is between 91 and 94, and increases continuously; this relation in beheaded tobacco is between 85 and 95, in nonbeheaded tobacco between 85 and 90.									
E. S. G. B.																			
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PROCESSES AND PROPERTIES INDEX																																																			
17 The industrialization and marketing of tobacco seed. V. Arghirescu and I. VADICU. <i>Prod. cultivare fermentarie</i> <i>Intitulat 25, 3-48 (1966)</i>. The initial oil content of the seeds of Romanian tobacco is 43-44%. The organo- leptic characteristics and the phys. and chem. consts. of this oil were detd. The tobacco seed cakes do not have a uniform chem. compn. The quantities of oil remaining in the cakes are about 17-23%; the protein content about 37%. E. S. G. BARRON																																																			
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Proteins in tobacco. Bernstein and Mohr's methods. I-III.
1. Vidalecu and I. Zaporozhsk (Bul. Cuh. Firms. Tulucaul, 1930,
25, 344-355; 1937, 25, 64-65; 1938, 27, 165-166; Chem. Zentr.,
1937, II, 1961-1962, 3762; 1938, II, 3371).—1. When applied to
tobacco Bernstein's method gives higher protein content vals. than
Mohr's method. The ratio (r%) of the two vals. is 94-99 in seeds,
70-84 in fermented tobacco, 85-99 in the leaf at the commence-
ment of vegetation, 85-97 before ripening leaf, and 85-99 and 94-
99 in the course of ripening during leaf formation and drying of
the seeds, respectively. The ratio of protein-N by either method to
total N increases with the quality of the tobacco.
II. During growth r in the stem (85-99) passes through two max.
and two min.; the min. happens at tobacco-ripening and during drying of
the capsules. In the root r (91-94) is greatest at the beginning and
end of vegetation. The distribution of protein-N in the leaves and
its relation to the total N content is further discussed.
III. N compounds which cause the r variation accumulate in the
leaves during ripening and fading; they are of the poly-peptide or
purine type, and their accumulation is closely related to protein
metabolism in the plant.
A. J. K. W.

ADP-51A METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND CODES										PROCESSING AND PROPERTY CODES										3RD AND 4TH CODES									
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Determination of the moisture content of tobacco. I. V. LAMARCA and I. ZAROVANU (Bul. cult. ferment. Tuzunul, 1934, 24, 67-84; Chem. Zentr., 1934, II, 1937).--Various methods are compared. Drying for 3 hr. at 95° in an electric oven or distillation with P_2O_5 or CaH_2 is recommended. For samples containing 10-16% of H_2O, drying at 110° for 30 min. gives similar results. A. G. P.																													
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1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
Methods for estimating total nitrogen, and their application to tobacco. I. Vladescu and I. Zafiroianu. <i>Bul. cultivarii fermentarii</i> 22, 376-400 in French 391-6) (1953).--The Förster, Jodlbauer, Gunning-Atterberg, Burgevin, Wilfarth, Wilfarth-Butcher and Arnold methods for total N were comparatively tested on low-grade tobacco, pure nicotine and KNO₃. The Förster method (<i>Chem.-Zig.</i> 13, 229; 14, 1673; 23, 197) showed the max. percentage of N, the other methods failed to reduce nitric or nicotine N completely. The Gunning-Atterberg method is next best, but should be used only on tobacco poor in N. O. W. Wilcox																																																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																																																			
1ST AND 2ND ORDERS																																																			
3RD AND 4TH ORDERS																																																			

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The *Sesuvium tuberosum*. St. Chirtoiu and I. Vladescu.
Bul. cultidris fermentis Tesculescu 12, 12-23(1943);
Chem. Zentr. 1943, II, 1184.—Botanical and chem. data of
this tuberosum, grown mostly on the border of the Black Sea
in Turkey, including comparative analyses of samples
from different regions. J. C. Jurrjens

17

ASM-51A METALLURGICAL LITERATURE CLASSIFICATION

Composition of fermented Rumanian tobaccos. IV
Nitrogen compounds. J. Ylilammi and N. Uusimäki.
Pub. cultuurst. formidels. Turunius 27, 179-86(1938);
cf. C. A. 32, 4731¹.—The compn. of 6 Rumanian tobacco
grades of the 1932 crop is approx. as follows: total N
1.33-4.32, protein N 0.78-1.40, sol. N 0.70-3.07, nicotine
N 0.105-0.638, proteins 4.75-8.75 and nicotine 0.61-
3.00%. The exact results are given in tabular form.
A. H. Krappe

17

CA

Chemical composition of Roumanian tobacco. I. VLADISCU. *Bul. cultindrei fermentidrei* (Iulianului 21, 413-45 (in German 496-504) (1932).—A comparative study was made between the quality of different varieties of Roumanian tobacco (as detd empirically) and the chem. compn. The amts. of reducing substances (detd. as glucose), of sol. carbohydrates (as glucose), and of the Schmuck coeff. $\left(\frac{\text{carbohydrate}}{\text{protein}}\right)$ are in direct proportion to the quality of tobacco, higher values being found in the best quality tobaccos. On the other hand, the total N, protein, ash and the polyphenol coeff. (g. of polyphenol per 100 g. of carbohydrate) rise as the quality of tobacco falls. The nicotine content, the alky. and the N coeff. $\left(\frac{\text{nicotine N}}{\text{ammonia N}}\right)$ have no relation to the quality of tobacco.

E. S. G. BARRON

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND COLUMNS										PROCESS AND PROPERTIES INDEX										3RD AND 4TH COLUMNS									
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Corrosion of Aluminum Alloys, Vol. 1, 1968, Revised. L. J. Van der Zee, Ed. (Pub. Co. Form. 1, 1968), 100 p., \$2.00. 110-1001, 1968, 100 p., \$2.00. — Analyses are given...																													
ASB-11A METALLURGICAL LITERATURE CLASSIFICATION																													
1ST AND 2ND COLUMNS										3RD AND 4TH COLUMNS										5TH AND 6TH COLUMNS									
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PROCESSING AND PROPERTIES UNIT

B-3-3

BC

ANALYSIS OF POLYMERIZATION REACTION. R. H. BROWN. *Technical Report*. 1968. 11. 2011.

The report is a technical document. It contains a table of contents, a list of figures, and a list of references. The main body of the report is divided into sections. The first section is titled 'ANALYSIS OF POLYMERIZATION REACTION'. It describes the analysis of various polymers and their properties. The second section is titled 'RESULTS'. It contains a table of results. The third section is titled 'CONCLUSIONS'. It contains a summary of the findings. The fourth section is titled 'REFERENCES'. It contains a list of references.

1. ANALYSIS OF POLYMERIZATION REACTION

2. RESULTS

3. CONCLUSIONS

4. REFERENCES

5. APPENDICES

6. INDEX

7. GLOSSARY

8. LIST OF FIGURES

9. LIST OF TABLES

10. LIST OF REFERENCES

11. LIST OF SYMBOLS

12. LIST OF ABBREVIATIONS

13. LIST OF UNITS

14. LIST OF FORMULAE

15. LIST OF EQUATIONS

16. LIST OF DEFINITIONS

17. LIST OF NOTES

18. LIST OF REFERENCES

19. LIST OF SYMBOLS

20. LIST OF ABBREVIATIONS

21. LIST OF UNITS

22. LIST OF FORMULAE

23. LIST OF EQUATIONS

24. LIST OF DEFINITIONS

25. LIST OF NOTES

26. LIST OF REFERENCES

27. LIST OF SYMBOLS

28. LIST OF ABBREVIATIONS

29. LIST OF UNITS

30. LIST OF FORMULAE

31. LIST OF EQUATIONS

32. LIST OF DEFINITIONS

33. LIST OF NOTES

34. LIST OF REFERENCES

35. LIST OF SYMBOLS

36. LIST OF ABBREVIATIONS

37. LIST OF UNITS

38. LIST OF FORMULAE

39. LIST OF EQUATIONS

40. LIST OF DEFINITIONS

41. LIST OF NOTES

42. LIST OF REFERENCES

43. LIST OF SYMBOLS

44. LIST OF ABBREVIATIONS

45. LIST OF UNITS

46. LIST OF FORMULAE

47. LIST OF EQUATIONS

48. LIST OF DEFINITIONS

49. LIST OF NOTES

50. LIST OF REFERENCES

51. LIST OF SYMBOLS

52. LIST OF ABBREVIATIONS

53. LIST OF UNITS

54. LIST OF FORMULAE

55. LIST OF EQUATIONS

56. LIST OF DEFINITIONS

57. LIST OF NOTES

58. LIST OF REFERENCES

59. LIST OF SYMBOLS

60. LIST OF ABBREVIATIONS

61. LIST OF UNITS

62. LIST OF FORMULAE

63. LIST OF EQUATIONS

64. LIST OF DEFINITIONS

65. LIST OF NOTES

66. LIST OF REFERENCES

67. LIST OF SYMBOLS

68. LIST OF ABBREVIATIONS

69. LIST OF UNITS

70. LIST OF FORMULAE

71. LIST OF EQUATIONS

72. LIST OF DEFINITIONS

73. LIST OF NOTES

74. LIST OF REFERENCES

75. LIST OF SYMBOLS

76. LIST OF ABBREVIATIONS

77. LIST OF UNITS

78. LIST OF FORMULAE

79. LIST OF EQUATIONS

80. LIST OF DEFINITIONS

81. LIST OF NOTES

82. LIST OF REFERENCES

83. LIST OF SYMBOLS

84. LIST OF ABBREVIATIONS

85. LIST OF UNITS

86. LIST OF FORMULAE

87. LIST OF EQUATIONS

88. LIST OF DEFINITIONS

89. LIST OF NOTES

90. LIST OF REFERENCES

91. LIST OF SYMBOLS

92. LIST OF ABBREVIATIONS

93. LIST OF UNITS

94. LIST OF FORMULAE

95. LIST OF EQUATIONS

96. LIST OF DEFINITIONS

97. LIST OF NOTES

98. LIST OF REFERENCES

99. LIST OF SYMBOLS

100. LIST OF ABBREVIATIONS

101. LIST OF UNITS

102. LIST OF FORMULAE

103. LIST OF EQUATIONS

104. LIST OF DEFINITIONS

105. LIST OF NOTES

106. LIST OF REFERENCES

107. LIST OF SYMBOLS

108. LIST OF ABBREVIATIONS

109. LIST OF UNITS

110. LIST OF FORMULAE

111. LIST OF EQUATIONS

112. LIST OF DEFINITIONS

113. LIST OF NOTES

114. LIST OF REFERENCES

115. LIST OF SYMBOLS

116. LIST OF ABBREVIATIONS

117. LIST OF UNITS

118. LIST OF FORMULAE

119. LIST OF EQUATIONS

120. LIST OF DEFINITIONS

121. LIST OF NOTES

122. LIST OF REFERENCES

123. LIST OF SYMBOLS

124. LIST OF ABBREVIATIONS

125. LIST OF UNITS

126. LIST OF FORMULAE

127. LIST OF EQUATIONS

128. LIST OF DEFINITIONS

129. LIST OF NOTES

130. LIST OF REFERENCES

131. LIST OF SYMBOLS

132. LIST OF ABBREVIATIONS

133. LIST OF UNITS

134. LIST OF FORMULAE

135. LIST OF EQUATIONS

136. LIST OF DEFINITIONS

137. LIST OF NOTES

138. LIST OF REFERENCES

139. LIST OF SYMBOLS

140. LIST OF ABBREVIATIONS

141. LIST OF UNITS

142. LIST OF FORMULAE

143. LIST OF EQUATIONS

144. LIST OF DEFINITIONS

145. LIST OF NOTES

146. LIST OF REFERENCES

147. LIST OF SYMBOLS

148. LIST OF ABBREVIATIONS

149. LIST OF UNITS

150. LIST OF FORMULAE

151. LIST OF EQUATIONS

152. LIST OF DEFINITIONS

153. LIST OF NOTES

154. LIST OF REFERENCES

155. LIST OF SYMBOLS

156. LIST OF ABBREVIATIONS

157. LIST OF UNITS

158. LIST OF FORMULAE

159. LIST OF EQUATIONS

160. LIST OF DEFINITIONS

161. LIST OF NOTES

162. LIST OF REFERENCES

163. LIST OF SYMBOLS

164. LIST OF ABBREVIATIONS

165. LIST OF UNITS

166. LIST OF FORMULAE

167. LIST OF EQUATIONS

168. LIST OF DEFINITIONS

169. LIST OF NOTES

170. LIST OF REFERENCES

171. LIST OF SYMBOLS

172. LIST OF ABBREVIATIONS

173. LIST OF UNITS

174. LIST OF FORMULAE

175. LIST OF EQUATIONS

176. LIST OF DEFINITIONS

177. LIST OF NOTES

178. LIST OF REFERENCES

179. LIST OF SYMBOLS

180. LIST OF ABBREVIATIONS

181. LIST OF UNITS

182. LIST OF FORMULAE

183. LIST OF EQUATIONS

184. LIST OF DEFINITIONS

185. LIST OF NOTES

186. LIST OF REFERENCES

187. LIST OF SYMBOLS

188. LIST OF ABBREVIATIONS

189. LIST OF UNITS

190. LIST OF FORMULAE

191. LIST OF EQUATIONS

192. LIST OF DEFINITIONS

193. LIST OF NOTES

194. LIST OF REFERENCES

195. LIST OF SYMBOLS

196. LIST OF ABBREVIATIONS

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198. LIST OF FORMULAE

199. LIST OF EQUATIONS

200. LIST OF DEFINITIONS

201. LIST OF NOTES

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204. LIST OF ABBREVIATIONS

205. LIST OF UNITS

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207. LIST OF EQUATIONS

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210. LIST OF REFERENCES

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212. LIST OF ABBREVIATIONS

213. LIST OF UNITS

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215. LIST OF EQUATIONS

216. LIST OF DEFINITIONS

217. LIST OF NOTES

218. LIST OF REFERENCES

219. LIST OF SYMBOLS

220. LIST OF ABBREVIATIONS

221. LIST OF UNITS

222. LIST OF FORMULAE

223. LIST OF EQUATIONS

224. LIST OF DEFINITIONS

225. LIST OF NOTES

226. LIST OF REFERENCES

227. LIST OF SYMBOLS

228. LIST OF ABBREVIATIONS

229. LIST OF UNITS

230. LIST OF FORMULAE

231. LIST OF EQUATIONS

232. LIST OF DEFINITIONS

233. LIST OF NOTES

234. LIST OF REFERENCES

235. LIST OF SYMBOLS

236. LIST OF ABBREVIATIONS

237. LIST OF UNITS

238. LIST OF FORMULAE

239. LIST OF EQUATIONS

240. LIST OF DEFINITIONS

241. LIST OF NOTES

242. LIST OF REFERENCES

243. LIST OF SYMBOLS

244. LIST OF ABBREVIATIONS

245. LIST OF UNITS

246. LIST OF FORMULAE

247. LIST OF EQUATIONS

248. LIST OF DEFINITIONS

249. LIST OF NOTES

250. LIST OF REFERENCES

251. LIST OF SYMBOLS

252. LIST OF ABBREVIATIONS

253. LIST OF UNITS

254. LIST OF FORMULAE

255. LIST OF EQUATIONS

256. LIST OF DEFINITIONS

257. LIST OF NOTES

258. LIST OF REFERENCES

259. LIST OF SYMBOLS

260. LIST OF ABBREVIATIONS

261. LIST OF UNITS

262. LIST OF FORMULAE

263. LIST OF EQUATIONS

264. LIST OF DEFINITIONS

265. LIST OF NOTES

266. LIST OF REFERENCES

267. LIST OF SYMBOLS

268. LIST OF ABBREVIATIONS

269. LIST OF UNITS

270. LIST OF FORMULAE

271. LIST OF EQUATIONS

272. LIST OF DEFINITIONS

273. LIST OF NOTES

274. LIST OF REFERENCES

Quantitative variations in the mineral and organic substances of *Nicotiana tabacum* during development. I. Vladescu. *Bul. cultimarum fermentarii internat.* 23, 359-437 (421-37 in French) (1934); cf. C. A. 29, 23344. The changes in the constituents of *Nicotiana tabacum*, previously followed during the 1st 30 days of growth, were further traced through maturity and decline of the plant, by using the individual plant and not 100 g. dry tissue as reference unit. The total dry wt. per plant reaches a max. at the time of flowering (about 45 days), then decreases about 25%, and finally at the time of appearance of the lateral buds rises again to a higher max. than before and again decreases. The 2nd max. is also shown, to a lesser extent, in plants whose buds are removed from flue to time. The total N, protein, P, Ca, Mg and K contents behave in the same way, the decrease after the 1st max. being 14-21% of the max. value. However, Si, Fe and Mn show only a steady increase with age and no decrease, probably because present in insol. form. The nicotine content reaches its max. at flowering and thereafter decreases, reaching 50% of the max. value at an age of 80 days. If the buds are allowed to develop, however, the amt. of nicotine increases again; nicotine production is therefore associated with growth, and its destruction (presumably oxidative) with maturity and cessation of growth. The a.s.k. of Mn to the soil retarded flowering, and hence the time of max. accumulation of the above constituents, by about 10 days. In general the losses of org. and inorg. materials by the plant parallel those observed by Deleau in *Salix* (C. A. 37, 3501, 3736). K. V. Thimann

K. V. Thimann

AS 8-364 METALLURGICAL LITERATURE CLASSIFICATION

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PROCESS AND PROPERTIES INDEX																									
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CA 11A Distribution of chemical substances in tobacco. III. Nicotine. J. D. Walecy. <i>Bul. cultuoris fermentarii</i> <i>Tutunului</i> 29, 153-70(1940); <i>Chem. Zentr.</i> 1941, I, 137; <i>cf. C. A.</i> 34, 2026'.—The nicotine content of tobacco leaves varies with the height of their attachment. The nicotine content of various parts of the plant varies widely. Generally, there is an initial increase of the alkaloid in the leaves going up the stem, but it soon changes to a decrease. The stalk contains very little nicotine. The distribution of nicotine, total N and protein in the plant organs during various growth periods was investigated. M. Hosen																									
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