

CZECHOSLOVAKIA

WIESNER, I

Research Institute of Chemical Engineering Group for
Chemical and Metallurgical Products, Usti' nad Labem

Prague, Collection of Czechoslovak Chemical Communi-
cations, No 1, January 1967, pp 448-453

"Chromatographic separation and identification of
some intermediate products of a reaction of epich-
lorohydrine with 2,2'-(4,4'-hydroxyphenyl) propane."

WIESNER, Ivan

Use of statistics in the fight against accidents. Podn org 18
no.7:311-313 J1 '64.

1. Ministry of Consumer Goods Industry, Prague.

WIESNER, Ivan

Technical standardization and industrial safety. Drevno 19 no.11:
432-433 N. '64.

1. Ministry of Consumer Goods Industry, Prague.

WIESNER, Ivan

Organization of the industrial safety and hygiene education in schools. Podnik organizace 16 no.11:517-518 N '62.

1. Ustredni vybor Odboroveho svazu samostatnancu ve spotrebnim prumyslu.

WIESNER, Ivan

Prevention of industrial accidents in the brush factory Spojene
kartacovny in Pelhrimov. Drevo 17 no.4:127-128 Ap '62.

1. Ustredni svazovy inspektor prace.

KOTEK, Josef; WIESNER, Ivan

Fire protection of woodworking plants. Drevo 17 no.12:367-370
D '62.

1. Vyzkumny ustav bezpecnosti prace, Revolucni odborove hnuti,
Praha (for Kotek). 2. Ustredni vybor odborove skupiny zamestnancu
spotrebniho prumyslu, Praha (for Wiesner).

WIESNER, Ivan

Introducing unified safety symbols. Podnik organizace 17 no.1:
38-39 Ja '63.

1. Ustredni vybor, Odborovy svaz zamestnancu spotrebniho
prumyslu, Praha.

WIESNER, Ivan

Organization of industrial waste disposal worksites. Pod org
17 no.6:265-266 Je '63.

1. Ustredni vybor odboroveho svazu zamestnancu spotrebniho
prumyslu.

WLESNER, Ivan

Improvement of the industrial safety and worksite arrangement
by the initiative of workers. Pod org 17. no.8:377-378 Ag '63.

1. Odborovy svaz zamestnancu spotrebniho prumyslu.

WIESNER, Ivan

Increasing the industrial safety by the solution of thematic tasks. Pod org 18 no. 1:29-31 Ja '64.

1. Ministerstvo spotrebniho prumyslu.

FULIN, Jaroslav; WIESNER, Ivan

Line production organization and mechanization of wood product
manufacture. Podn org 18 no.9:408-411 S '64.

1. Sportovni a technicke potreby, Prague (for Fulin).
2. Ministry of Consumer Goods Industry, Prague (for Wiesner).

L 29323-66 EMP(j)/T IJP(c) RM

ACC NR: AP6006156

(A)

SOURCE CODE: CZ/0078/65/000/010/0017/0017

AUTHOR: Kolinsky, Josef (Engineer; Usti nad Labem); Wiesner, Ivo (Candidate of Sciences; Engineer; Usti nad Labem) 21
B
ORG: none

TITLE: [Method of controlling the formation rate of epoxy resins]
CZ Pat. No. PV4930-64 ✓

SOURCE: Vynalezky, no. 10, 1965, 17

TOPIC TAGS: epoxy plastic, resin, CARBOXYLIC ACID ANHYDRIDE, ALIPHATIC POLYCARBOXYLIC ACID

ABSTRACT: A method is proposed for controlling the formation rate of epoxy resins of the anhydrides of polycarboxylic acids. In this method, resin formation proceeds following the addition of solutions of tertiary amines containing in the molecule at least one hydroxyl group, and in the aliphatic polyalcohols 2-20 carbon atoms in the molecule or in its mixtures.

SUB CODE: 07/ SUBM DATE: 04Sep64

WIESNER, Jaroslav

Cooperation of moral and material incentives in keeping the
technological and working discipline. Prace mzda 12 no.9:388-392
S '64.

BULLA, D.; WIESNER, J.

The value of bronchoscopy in the treatment of chronic bronchitis.
Česk. otolaryng. 14 no.3:140-147 Ja '65.

1. ORL oddelenie (veduci prom. lek. D. Bulla), interne oddelenie
(veduci MUDr. J. Wiesner) Obvodného ústavu národného zdravia v
Považskej Bystrici.

WIESNER, Jaroslav

Cooperation of moral and personal material incentives to
work. Prace mada 12 no.3:104-109 Mr'64

CA

7

Polarographic study of the reactions of some amino acids with quinones. K. Wiesner, *Chem. Listy* 36, 313-17(1942).—Benzoquinone (I) forms addn. products with 1 or 2 mols. of amino acids accompanied by the reduction of 1 or 2 mols. of I, resp. These addn. products undergo a reversible oxidation or reduction on the dropping-Hg electrode, like the system quinone-hydroquinone itself. The half-wave potentials of the addn. products of quinone and glyccol, alanine, valine, leucine, tyrosine, serine, tryptophan, proline, and glutamic acid have been measured and their dependence on pH detd. Similarly, the reaction of leucylglycine, carbobenzoxyalanine, casein, and gelatin with quinone has been studied qualitatively.
Milos Hudlicky

PROCESSES AND PROPERTIES INDEX

4

Rate of recombination of ions derived from polarographic limiting currents due to the reduction of acids. R. Brůžka and K. Wiesner (Charles' Univ., Prague, Czechoslovakia). *Věstník Král. let. spol. nauk. 77. Chem. Commun. No. 18(1943); Collection Czechoslov. matemat. přírodověd. No. 138-49(1947)* (in English). A discussion of the conditions which influence the wave heights resulting from the sep. reduction of the unionized (I) and ionized (II) forms of certain acids at the dropping-mercury electrode. It is pointed out that the rate of reaction between II and H^+ is very slow. Since this is usually not the case the more pos. wave increases at the expense of the more neg. wave. Equations have been derived which express these conditions quantitatively and as a function of the pH of the soln. and the pK of the acid. On the basis of these it should be possible to calc. the velocity const. k of the reaction $A^- + H^+ \rightarrow HA$, or the product μk , where μ represents the thickness of the interfacial layer in which the reaction takes place. It is further shown that by evaluating the effects of varying rates of flow of Hg from the capillary the disson. const. of the acid could be calc.

Otto H. Müller

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

INDEX AND CROSS-REFERENCES

INDEX AND CROSS-REFERENCES

CA

Polarographic investigation of the oxidoreduction and catalytic oxidation of dihydroxymaleic acid. K. Wiersner. *Chem. Listy* 38, 81-8 (1944). -- Ascorbic acid (I) and dihydroxymaleic acid (II) behave irreversibly on the dropping-Hg electrode. The first intermediate in oxidation is reversible but is quickly changed to an irreversible, nondiffusible product with I. The reduction of II occurs at potentials more neg. by about 1.3 v. It follows from the polarographic and oscillographic measurements that it is difficult to consider the system dihydroxymaleic-diketosuccinic acid as a H carrier without the cooperation of an enzyme acting as a catalyst. It is possibly an intermediate in the oxidative destruction of tartaric acid. It easily undergoes an autoxidation. The addn. of Zn²⁺ or Mn(II) ion accelerates the rate of oxidation only very slightly. Cytochrome c is effective only in the presence of traces of Mn(II) ion. The fact that the consumption of O₂ increases during the catalytic oxidation (Theorell) autocatalytically has not been explained satisfactorily. E. HALL

CA

Magnetochemistry and its application to the determination of structure and action of complex and proteins containing heme. K. Wiesner. *Chem. Listy* 36, 166-77 (1944).—Theory and description of magnetic measurements of org. compds. are given. The applications to detn. of org. radicals, valences of heavy atoms, complexes, cytochrome c, catalase, and peroxidase are described.
Milos Hudlicky

CA

Polarographic determination of l-ascorbic acid in plants and organs. K. Wiesner and K. Schäferna. *Chem. Listy* 38, 211-13(1944). Triturate 10-20 g. material with several times its quantity anhyd. Na_2SO_4 , ext. twice with 40 ml. abs. MeOH, filter, add 10 ml. 1 N AcOH and remove air with CO_2 . Before the measurement adjust pH to 6-6.5 with NaOH, fill with H_2O to the mark and use the polarograph. l-Ascorbic acid (I) was detd. in cabbage, potatoes, sugar beets, spleen, and thymus. 30-40% of I is destroyed by short boiling. If the material is slowly heated to boiling, all of I is destroyed. In potatoes and sugar beet 75-80% of I is bound on a carrier. Milos Hudlicky

CA

2

Oxidation-reduction potentials and constitution of quinonoid systems. Karel Wimmer and Karel Schifera. *Chem. Listy* 55: 79-84(1948).--The effect of substituents on the reduction-oxidation potential of quinones was followed. The most effective substituents are OH groups, which shift the normal potentials E_0 of quinones toward the neg. values by 0.116-170 mv. This shift is due to the increase of the mol. energy by the resonance energy. The course of the E_0 -pH curve of the reduction oxidation systems producing resonating anions is discussed. The negativation of the potential is caused by the disocn. of the mol. to H ion and a resonating anion. The following expression was deduced for the resonance energy of the mol.: $2.303 RT(\rho K_r - \rho K_{ox})$, where ρK_r and ρK_{ox} are the disocn. constants of the reduced and oxidized form, resp. The Birba-Hampson effect (*C.A.* 31, 2199) influences potentials of some of naphtho-quinone disubstituted derivs. M. Hudicky

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CA

Polarographic determination of the rate of the reaction between ferrihem and hydrogen peroxide. R. Hrběčá and K. Wenzel (Charles Univ., Prague, Czechoslovakia). *Collection Czechoslov. Chem. Commun.* 12, 39-63(1947) (in English); *Chem. Listy* 40, 66-70(1946).—The known shift of part or all of the polarographic H_2O_2 wave toward more pos. potentials in the presence of hemin has been analyzed in detail, and equations have been derived to account quantitatively for the observed phenomena. By expts. it was found that the half-wave potentials of the ferrihem-ferrohem system at different pH values were in good agreement with known oxidation-reduction potentials of this system. It was also established that the polarographic O wave varied with the flow of Hg from the capillary in accordance with the Ilković equation. A study of the dependence of the catalyzed H_2O_2 wave on the concn. of ferrihem made it possible to calc. the quantity μk , where μ is the thickness of the layer in which the catalytic reaction takes place, and k is the velocity const. Variation of this μk value with pH was found to follow the dissocn. curve of H_2O_2 . This led to the conclusion that only undissocd. H_2O_2 mols. take part in the reaction and combine with ferrihem. On the assumption of a μ value of 10^{-7} cm. a limiting value of 10^{11} was found for the velocity const. k . The effect of Hg flow on the catalytic wave was in agreement with theory. A similar catalytic H_2O_2 reduction was further found in salicylaldehyde ethylenedimine ferrichloride. Otto H. Müller

ASB,SLA METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GG GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HR HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OO OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QP QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UU UV UW UX UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VU VW VX VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WU WV WW WX WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ

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CA

PROCESSES AND PROPERTIES INDEX

Polarographic investigation of the electroreduction of sugars. K. Wiesner (Charles' Univ., Prague, Czechoslovakia). *Collection Czechoslov. Chem. Commun.* 12, 64-70(1947)(in English).—W. takes issue with the conclusions of Cantor and Peniston (*C.A.* 34, 6576⁹) who considered the polarographic limiting current of aldoses to be diffusion-controlled and therefore proportional to the concn. of an electroactive fraction of the aldoses in soln. W. shows that the polarographic wave is independent of the rate of Hg flow through a given dropping Hg electrode and that the oscillographically recorded current-time curve during the formation of a single Hg drop is nearly linear. Both these criteria are evidence that the current is not a function of diffusion, but rather is governed by the rate of the reaction: nonreducible aldose → reducible aldose, which takes place in the interface. Calcs. and equations based on this theory agree well with expl. facts.

Otto H. Müller

ASS-51A METALLURGICAL LITERATURE CLASSIFICATION

COMMON ELEMENTS

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PROCESS AND PROPERTY INDEX

Overvoltage of oxido-reductions at the dropping-mercury electrode caused by the adsorption layer of dyes of the eosin group. K. Wiesner (Charles Univ., Prague). *Collection Czechoslov. Chem. Commun.* 12, 504-506 (1947) (in English); cf. Fiala, *Chem. Listy* 39, 14 (1945).— Reversible polarographic depolarization processes of buffered solns. of quinone, hydroquinone, toluhydroquinone, 1,2-naphthoquinone-4-sulfonate and ascorbic acid show decreasing wave lengths with increasing concns. of eosin. During the anodic oxidation only the decrease of the reversible wave is observed. During cathodic reductions the remaining part of the depolarizer is reduced with an overvoltage at higher neg. potentials. The decrease of the wave length of the original wave depends on the concn. and quality of the dye. It does not depend on the nature of the depolarizer. Measurements of the interfacial tension of Hg in eosin solns., variation of the effect with drop time and temp., the suppression of Brdicka's adsorption waves and the shape of oscillographic time-current curves indicate that the inhibiting action of the dye is caused by its adsorption on the Hg drops in a process of two-dimensional crystal. (condensed film) (cf. Brdicka, *C.A.* 37, 5681¹).

G. Reed

A.S.T.M. METALLURGICAL LITERATURE CLASSIFICATION

CA

2

Computation of the dissociation rate of weak acids.
Karel Wimmer, *Chem. Listy* 41, 6-8 (1947). -- A comparison
of the effective thickness of the interphase in the
reaction kinetics of the dropping-Hg electrode interphase
is illustrated. The diffusion velocity of acids during the
buffer catalysis is computed. M. Hudlicky

CZECHOSLOVAKIA

GUTHRIE, R.W.; HENRY, W.A.; IMMER, H.; WONG, C. M.; VALENTA, Z.; WIESNER, K.

Dept. of Chemistry, Univ. of New Brunswick, Fredericton, New Brunswick,
Canada (for all)

Prague, Collection of Czechoslovak Chemical Communications, No 2,
Feb 1966, pp 602-621

"The total synthesis of the Garrya veatchii alkaloids."

HUNGARY

KONDRAJ, Gergely, Dr, WIESNER, Katalin, Dr; Medical University of Debrecen, Institute of Surgical Anatomy and Operation Technique (chairman: BORNEMISZA, Gyorgy, Dr) (Debreceni Orvostudományi Egyetem, Sebészeti Anatómiai és Muttetani Intézet).

"Comparative Study of the Treatment of Experimental Tracheal Injuries."

Budapest, Magyar Sebeszet, Vol XX, No 1, Feb 67, pages 34-37.

Abstract: [Authors' Hungarian summary] A comparative study was made involving three methods and three suture materials (cat-gut, flax and polyamide thread) used for the treatment of experimental tracheal injuries in the longitudinal direction. A simple suture connecting the soft tissues between the tracheal cartilages made with synthetic thread compatible with the tissues was found to be the most effective method for closing the incisions. 2 Hungarian, 27 Western references.

WIESIOLEK, Jan

A case of intraperitoneal hemorrhage from the capsule of uterine myoma during the puerperium. Gin. polska 32 no.5:649-651.'61.

1. Z Oddzialu Polosniczo-Ginekologicznego Szpitala Miejskiego w Lowiczu Dyrektor Szpitala: dr med. J.Kaszorowski Ordynator
Oddzialu: dr. med. J.Fajer.
(LELIOMYOMA compl) (UTERUS NEOPLASMS in pregn)
(HEMORRHAGE POSTPARTUM etiol)

WIESS, Lech

Digital measurements of relative resistance changes by
transforming to a phase angle lag. Elektryka Poznan no.5:
95-104 '64.

STERNADEL, Zbigniew; WYZNIKIEWICZ, Krystyna; WIESZCZYCKI, Wacław

Birth in adolescent mothers (35-year material of the 1st Obstetric and Gynecological Clinic). Pol. tyg. lek. 19 no.49:1888-1891
7 D '64

1. Z I Kliniki Położnictwa i Chorob Kobietych Akademii Medycznej w Warszawie (kierownik: prof. dr. med. Tadeusz Bulski).

MINCZEWSKI, Jerzy, prof. dr; WIETESKA, Elzbieta, mgr

Application of β -naphthol-azo-2'-hydroxy-5'-methyl-azoxybenzene
to the determination of trace amounts of copper. Chem anal 9
no.2:365-372 '64.

1. Department of Analytical Chemistry, Technical University, Warsaw.

WIETESKA, Helena

Crouzon-Apert syndrome (dysostosis cranio-digito-facialis). Polski
przegl. radiol. 25 no.1:47-58 '61.

1. Z Zakladu Radiologii Kierownik: dr med S. Kubicz Z Instytutu Matki
i Dziecka w Warszawie Dyrektor: prof. dr med. F. Groer.

(HYPERTELORISM radiog)

WIETESKA, Jerzy

Tomographic studies on osteoarticular tuberculosis. Chir.narz.
ruchu 25 no.2:101-106 '60.

1. Z Kliniki Ortopedycznej A.M. w Warszawie. Kierownik: prof.dr.
A. Gruca.

(TUBERCULOSIS OSTEOARTICULAR radiogr.)

WIESTOJ, W.

New engine for airplane models. p. 171. (SKRZYDLATA POLSKA, Vol. 10, No. 10, Mar. 1954, Warszawa, Poland)

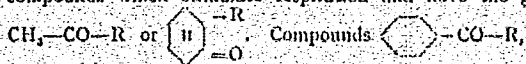
SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.


2557. Pharmacology of amino-ketones with nicotine and anti-nicotinic effects. II. J. Pórszász, K. Nádor, K. Gibiszer-Pórszász, T. Wieszt, and R. Padányi *Acta. physiol. Acad. Sci. hung.*, 1955, 7, 139-161.

Met

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The effect of more than 50 α , β , γ -aromatic and aliphatic amino-ketone deriv. (most of them newly synthesised by the authors) on circulation, respiration, and ganglia was analysed. These compounds cause, also in decerebrate cats, a rise in blood pressure without a secondary fall. The pressor effect is prevented by adrenalectomy, ganglion-blocking agents, and adrenergic. They contract the nictitating membrane. They have a nicotine-like action without the ganglion-blocking component. They stimulate respiration by exciting the carotid sinus. This effect of compounds A-84, A-73, A-94, N-482 and others is as strong as that of lobeline. They show reciprocal tachyphylaxis with lobeline. Their effect in counter-acting the respiratory paralysis caused by morphine is 0.3-0.6 of that of lobeline. Experiments indicate that the greater activity of lobeline is due secondarily to its depressant action on circulation. Compound A-66 causes cramps in mice, rats, and dogs which can be suppressed by severa. It has, therefore, besides its reflex action, also a central stimulating, cordiol. or tetracol-like action. The compounds do not damage either the contractile power of the heart or its impulse-conducting system. The nicotine-like effect is chiefly a property of those compounds which stimulate respiration and have the grouping



 have an antinicotinic effect. The 2 types of

compounds antagonise each other's effect on the guinea pig gut. Some of them have an effect twice as great as papaverine. The best stimulants of respiration are A-66, A-84, A-94, and N-482.

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Porzansk, J., Andor, K., Gibiszer-Porzansk, K.

Compound A-94 seems to be best suited for the treatment of the Parkinson-type diseases of the extra-pyramidal system because its toxicity is relatively low and its parasympathetic blocking action is only 1/100-1/300 of that of atropine. This is the only compound which contains a tertiary N and has a non-alkaloid-like nicotinic action. (German)

A. B. L. BAZAK.

3/2

Wieteska E

5963
Kwociński L., Masłowski J., Wieteska E. On the Reaction of Chlorination of Toluene in the Side Chain. II. 68.094.403.547.533

"O reakcji chlorowania toluenu w łańcuchu". 2. Przemysł Chemiczny. No. 9, 1968, pp. 593-596, 1 fig., 5 tabs.
Establishment of the order of magnitude of the amounts of compound chlorinated — during the oxidation of toluene — in the benzene ring as a result of the inevitable side reaction. It was found, that under the given conditions, the raw chlorination product contains amounts of chlorine in the benzene ring which do not exceed 0.2-0.3%. The preliminary determination of the character of compounds chlorinated in the benzene ring showed the presence of insignificant amounts of chlorotoluenes which do not endanger the continuity of the technological process, or hinder the preparation of the pure commercial product according to the accepted standards. Attention is drawn to the possibility of preparing pure benzylidene chloride from waste product — the residue after raw benzyl chloride rectification.

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7929 (NB)
LEB d

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WIETESKA, JERZY

SARNECKA, Danuta; WIETESKA, Jerzy

Skeletal & extra-skeletal x-ray changes in scoliosis. Chir. narz.
ruchu 22 no.2:159-162 1957.

1. Z Kliniki Ortopedycznej A. M. w Warszawie Kierownik: prof. dr
A. Grucza Z. Centralnej Poradni Międzyшкоlniej Lekarskiej w Warszawie
Kierownik: dr M. Sokal. Kierownik naukowy: prof. dr G. Wejsflog
Warszawa, ul. Ciesskowskiego 3 m. 1.

(SCOLIOSIS, in inf. & child
x-ray osteal & extra-osteal changes (Pol))

(BONE & BONES, pathol.
x-ray changes in scoliosis in child., comparison
with extra-osteal changes (Pol))

WIETESKA, JERZY

SZWARNOWIECKA, Izabella; WIETESKA, Jerzy

Mistakes in the evaluation of radiological pictures of scoliosis.
Chir. narz. ruchm 22 no.2:187-189 1957.

1. Z Kliniki Ortopedycznej A. M. w Warszawie Kierownik: prof. dr
A. Graca Warszawa, ul. Lindleya 4-Klinika Ortopedyczna.
(SCOLIOSIS, radiography
mistakes in evaluation of x-ray pictures (Pol))

WIETEWSKA, E.

Chlorination of toluene in the side chain. II. Lucjan Kwieciński, Józef Masłowski, and Edward Wieteska (Inst. Barwników i Półproduktów, Warsaw). *Przemysł Chem.* 37, 593-6 (1958) (English summary); cf. C.A. 52, 8087i. The method of chlorination, described in part I, produced only 0.2-0.3% compds. in which Cl was in the benzene ring. The 5 distn. fractions were as follows: 40.2%, unreacted toluene; 1.5%, mixt. of toluene and benzyl chloride (24.98% Cl in the chain and 0.44% Cl in the ring); 44.3%, benzyl chloride (27.88% Cl in the chain and 0.12% Cl in the ring); 2.8%, mixt. of benzyl chloride and benzylidene chloride (38.13% Cl in the chain and 0.50% Cl in the ring); 10.7%, mostly benzylidene chloride (41.29% Cl in the chain and 1.71% Cl in the ring). F. J. Hendel

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 4E 3d
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PIEGL, Janos; WIETORISZ, Robert

Contest announcement. Bany lap 93 no.4:285 Ap '60.

1. Orszagos Magyar Banyaszati es Kohaszati Egyesulet
Komloi Csoport Vezetosege elnoke (for Piegl).
2. Orszagos Magyar Banyaszati es Kohaszati Egyesulet
Komloi Csoport Vezetosege titkara (for Wietorisz).

WIETCRISZ, Robert, -okl., banyamernok.

Measuring depression in coal mines whose ventilation is difficult. Bany lap 93 no.6:395-409 Je '60.

1. Komloi Szenbanyaszati Troszt, Komlp.

WIETORISZ, Robert, okl.banyamernok. (Komlo)

Timely tasks in the field of mine ventilation. Bany lap 95
no.3:179-190 Mr. '62.

WIETORISZ, Robert, okleveles banyamernok, nyugalmazott fomernok (Komlo)

Remark about Antal Peczely's article entitled "Technical translations and training of technical translators" published in "Banyaszati Lapok", no.4, 1962. Bany lap 96 no.1:66 Ja '63.

WIETRENKO, L.D., kand. nauk techn [Vetrenko, L.D.] (Leningrad)

Standard rates for servicing vessels in seaports of the U.S.S.R.
Tech gosp morsk 15 no.3:85-89 M' '65.

WIEWIORA, Andrzej

α - Kerolite from the vicinity of Zabkowice Slaskie. *Archiwum mineral* 23 no.1:79-95 '59 (publ. '61).

1. Institute of Geological Sciences, Polish Academy of Sciences, Warsaw.

WIEWIORKOWSKA, Lilla

Evaluation of current therapeutic measures in tuberculosis
colliquativa in the light of our observations. Przegl. dermat.
52 no.3:275-279 My-Je '65.

1. Z Kliniki Dermatologicznej AM w Gdansk (Kierownik: prof.
dr. F. Miedzinski).

3-2

17562

: Poland
 : **ABST. JOUR.** : **RZKhim., No. 5 1960, No.**
 : **AUTHOR** : **Pompowski, T. and Wiewiorowski, E.**
 : **INST.** : **Not given**
 : **TITLE** : **The Flame Photometric Determination of Sodium, Potassium, and Calcium in Sea Water**
 : **ORIG. PUB.** : **Chem Analit (Poland), 4, No 1-2, 487-495 (1959)**
 : **ABSTRACT** : **A Zeiss Model III flame photometer with light filters (oxyacetylene or illuminating gas-air flame) was used in the analysis of sea water. Possible sources of errors and methods for their elimination are discussed. For the purification of the acetylene from flame-coloring impurities (particularly when the cylinder is nearly exhausted), the authors use a conc sulfuric acid rinse; all connecting tubing is heated by special apparatus for the**

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| COUNTRY | : Poland | E-2 |
| CATEGORY | : | 17562 |
| AES. JOUR. | : RZKhim., No. 5 1960, No. | |
| AUTHOR | : | |
| INST. | : | |
| TITLE | : | |
| ORIG. PUB. | : | |
| ABSTRACT | : prevention of the condensation of aerosol [sic]. The analysis is made by carrying out a preliminary photometric analysis of a sample of water (20-50 ml) acidified with several drops of HCl and boiled for the removal of HCO_3^- , the approximate content of Na, K, and Ca being determined from calibration curves, followed by an exact determination of Na, K, and Ca by comparison with two limiting standard solutions, containing all three elements to be determined in larger and smaller concentrations than | |
| CARD: | 2/3 | 121 |

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|--------------|--|-------|
| COUNTRY : | Poland | E-2 |
| CATEGORY : | | |
| ABS. JOUR. : | RZhim., No. 5 1960, No. | 17562 |
| AUTHOR : | | |
| INST. : | | |
| TITLE : | | |
| ORIG. PUB. : | | |
| ABSTRACT : | those established by the preliminary analysis. The content of the various elements is calculated by interpolation. For high salt contents, the sample is diluted 2-50 times. The results obtained are in satisfactory agreement with chemical analysis data. The relative error for a determination is 2-4%. | |
| | N. Poluektov | |
| CARD: | 3/3 | |

PCMPOWSKI, Tadeusz; WIEWIOROWSKI, Edward; URBANCZYK, Andrzej

Hydrothermal treatment of phosphorites in an alkaline medium. I. The change of phosphorites in a reaction with hydrate of sodium. *Przem chem* 40 no.10:584-586 0 '61.

1. Zakład Kwasow Mineralnych i Soli przy Katedrze analizy Technicznej i Towaroznawstwa, Politechnika, Gdansk.

MIEDZINSKI, Franciszek; WIEWIORKOWSKA, Lilla

Certain considerations regarding the problem of skin tuberculosis.
Przevl.derm. Warsz. 47 no.6:461-467 W-D '60.

1. Z Kliniki Dermatologicznej A.M. w Gdansk, Kierownik: prof.dr
Fr. Miedzinski.
(TUBERCULOSIS CUTANEOUS)

WIEWIORKOWSKA, Lilla

On the course and therapy of colliquative tuberculosis. Polski
tygod. lek. 15 no.27:1027-1031 4 J1 '60.

1. Z Kliniki Dermatologicznej A.M.G.; kierownik: prof. dr Fr.
Miedzinski i z Wojewodskiej Przychodni Dermatologicznej w
Gdansku; kierownik: dr A.Markiewicza-Szumka
(TUBERCULOSIS LYMPH NODE)

POMPOWSKI, Tadeusz; WIEWIOROWSKI, Edward; URBANCZYK, Andrzej

Hydrothermal treatment of phosphorites in an alkaline medium. Pt. 1.
Transformation of phosphorites in reaction with sodium hydroxide.
Przem chem 40 no.10:584-586 0 '61.

1. Zaklad Kwasow Mineralnych i Soli, Katedra Analizy Technicznej i
Towaroznawstwa, Politechnika, Gdansk.

WIEWIOROWSKI, M.; AUGUSTYNIAK, J.

Paper electrophoresis of proteins in lupine seeds. Acta biochem.
polon 3 no.3:345-353 1956.

1. Z Zakladu Chemii Ogolnej Wyzszej Skoly Ekonomicznej w Poznaniu
Kier. doc. dr. M. Wiewiorowski.

(PROTEINS, determination,
in lupine seeds, electrophoresis (Pol))

(PLANTS,
lupine, proteins in seeds, electrophoresis (Pol))

M. WIEWIORSKI

Chromatographic separation and identification of alkaloids present in lupine. M. Wiewirowski and M. D. Bratek. *Bull. acad. polon. sci., Class. II, 4, 3-6* (1950) (in English).
Lupine seeds were ground with 10% NaOH and anhyd. Na₂SO₄, the mixt. was placed on a chromatographic column, moistened with Et₂O, eluted with CHCl₃, and the CHCl₃ ext. was treated with 0.1N HCl prior to evapn. of the CHCl₃ on a steam bath. The ext. was treated further by paper chromatography. Hydroxylupanine (I) and lupanine were found in *Lupinus albus*, *L. angustifolius*, and *L. polyphyllus*. Four new basic compds. amounting to 30% of the total alkaloids in *L. angustifolius* were found. The qual. compn. of different parts of the same plant is different and varies with age. Young plants of white lupine contain sparteine (II), but no I; with the appearance of pods, II decreases and I appears. Thelma E. Habgood

SUSZKO, J.; WIEWIOROWSKI, M.; MEISSNER, W.

Lupanic acid and transformations of lupanine in aqueous solutions.
Bul Ac Pol chim 7 no.2:87-89 '59. (EAI 9:7)

1. Laboratory of Organic Chemistry, A.Mickiewicz University,
Poznan i Laboratory of General Chemistry, A.Mickiewicz University,
Poznan.

(Lupanine) (Water) (Solutions)

WIEWIOROWSKI, M. ; SKOLIK, J.

Microphotometric method for the determination of lupine alkaloids. In German. p. 161

ROZNIKI CHEMII. (Polska Akademia Nauk) Warszawa, Poland, Vol. 33, no. 2, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 9, September 1959.
Uncl.

SUSZKO, Jerzy; WIEWIOROWSKI, Meciej; MEISSNER, Witold

Lupine alkaloids. V. Lupanine acids and transformation of lupanine
in aqueous solutions. Roczniki chemii 33 no.4/5:1015-1025 '59. (EAI 9:9)

1. Katedra Chemii Organicznej Uniwersytetu im. A.Mickiewicza,
Poznan i Katedra Chemii Ogolnej Wyzszej Szkoły Ekonomicznej, Poznan.
(Lupines) (Lupanine) (Water) (Solutions) (Alkaloids)

BRATEK, Maria Danuta; WIEWIOROWSKI, Maciej

Lupine alkaloids. VI. Side alkaloids *Lupinus angustifolius*. Rocz
chemii 33 no.4/5:1187-1193 '59. (EEAI 9:9)

1. Zaklad Hodowli Roslin Polskiej Akademii Nauk, Poznan i Katedra
Chemii Ogolnej Wyzszej Szkoły Ekonomicznej, Poznan.
(Lupines) (Alkaloids)

WIEWIOROWSKI, Maciej

Lupine alkaloids. VII. Low-boiling alkaloid fraction *Lupinus albus*.
Rocz chemii 33 no.4/5:1195-1200 '59. (EEAI 9:9)
(Lupines) (Alkaloids)

SUSZKO, J.; BARTZ, J.; ~~WIEWIOROWSKI, M.~~

Investigations on the properties of hydroxylupanine. *Bul chim PAN* 8
no.2:41-44 '60. (EEAI 10:9/10)

1. Department of Organic Synthesis, Polish Academy of Sciences,
Laboratory No. 5 and Department of Organic Chemistry, A. Mickiewicz
University, Poznan. Presented by J. Suszko.

(Lupanine) (Hydroxy group)

SUSZKO, J.; BARTZ, J.; BRATEK, M. D.; WIEWIORSKI, M.

New methods of isolation of alkaloids from lupine seeds. *Bul chim*
PAN 8 no.2:45-47 '60. (EEAI 10:9/10)

1. Department of Organic Synthesis, Polish Academy of Sciences,
Laboratory No. 5 and Department of Organic Chemistry, A. Mickiewicz
University, Poznan.

(Alkaloids) (Lupine)

WIEWIORSKI, M.; AUGUSTYNIAK, J.

On the study of lupin proteins. IV. N-terminal amino acids in
conglutin. Acta biochim.polon.8 no.1:55-64 '61.

1. Zaklad Hodowli Roslin PAN, Poznan Kierownik: Prof. Dr. S. Barbaeki.

(AMINO ACIDS chem)

WIEWIORSKI, M.; REIFER, I.

Biogenesis of lupin alkaloids. I. New aspects regarding the biosynthetic chain in "Lupinus angustifolius" and "Lupinus albus." Bul Ac Pol Biol 9 no.11:441-445 '61.

1. Institute of Biochemistry and Biophysics, Polish Academy of Sciences. Presented by J.Heller.

BRATEK, M.D.; WIEWIOROWSKI, M.

Lupin alkaloids. Structure of the alkaloid "w-95" from *Lupinus angustifolius* and cyclization of angustifoline to 13-epimethoxylupanine. *Bul chim PAN* 9 no.11:705-708 '61.

1. Institute of Biochemistry and Biophysics, Poznan Branch, Polish Academy of Sciences and Department of Organic Chemistry, A. Mickiewicz University, Poznan. Presented by J. Suszko.

WIEWIOWSKI, M. WOLINSKA-MOCYDLARZ, J.

Lupin alkaloids. Structure of alkaloids "b-109" and "n-4/5" separated from *Lupinus albus*. Chemistry of Δ^2 1-dehydro-4-sparteine. *Bul chim PAN* 9 no.11:709-714 '61.

1. Institute of Biochemistry and Biophysics, Poznan Branch, Polish Academy of Sciences. Presented by J. Suszko.

WIEWIOROWSKI, M.; BARTZ, J.; WYSOCKA, W.

Lupin alkaloids. On the composition of the high-boiling fraction of *Lupinus albus* alkaloids. *Bul chim PAN* 9 no.11:715-719 '61.

1. Department of Organic Chemistry, A.Mickiewicz University, Poznan Institute of Biochemistry and Biophysics, Poznan Branch, Polish Academy of Sciences. Presented by J. Suszko.

WIEWIOROWSKI, M.; MEIZSNER, W.; BARTZ, J.

Lupin alkaloids. On the structure of Beckel's "atoxylupanine".
Bul chim PAN 9 no.11:721-724 '61.

1. Department of General Chemistry, School of Economics, Poznan
and Department of Organic Chemistry, A. Mickiewicz University,
Poznan. Presented by J. Suszko.

WIEWIOROWSKI, M.; AUGUSTYNIAK, J.

Studies on lupin proteins. V. C-Terminal amino acids in conglutin β .
Acta biochim. polon. 9 no.3:261-270 '62.

1. Institute of Biochemistry and Biophysics, Polish Academy of Sciences;
Dept. of General Chemistry, School of Economics, and Dept. of Organic
Chemistry, University, Poznan.
(AMINO ACIDS - chemistry) (PROTEINS - chemistry)

WIEWIOROWSKI, M.; AUGUSTYNIAKOWA, Halina

Occurrence of γ -L-glutamyl-L-tyrosine and γ -L-glutamyl-L-phenylalanine
in seeds of *Lupinus angustifolius* and *Lupinus albus*. Acta biochim. pol.
9 no.4:399-409 '62.

1. Institute of Biochemistry and Biophysics, Polish Academy of Sciences,
and Department of Organic Chemistry, University, Poznan.
(GLUTAMATES) (TYROSINE) (PHENYLALANINE)
(PLANTS)

WIKI-WIKI-GUSKI, 111

16 JUL 1952

22

242

WARSZAWA, POLSKA AKADEMIA WIEDZ, POLSKIE BIULETYN WIEDZY OBIOWEJ BIOLOGICZNEJ. Vol. 1, No 5, 1952

1. "Studies on the Antigenic Structure of H5N1 and H7N1 Influenza Virus. II. Antigenic Properties and Chemical Structure of Hemagglutinin Fractions Isolated from 8 Strains." Journal of Biological Chemistry, 1952, 197, 1-10. Author: J. Kozlowski, Department of Medical Microbiology, School of Medicine, Warsaw (English article), pp. 151-155. Author: J. Kozlowski; English article, pp. 151-155.
2. "Influenza in Isolated Pathogenicity." Prace Instytutu Genetyki i Zoologii, 1952, 1, 1-10. Author: J. Kozlowski, Institute of Genetics and Zoology (PAN); English article, pp. 157-160.
3. "Biosynthesis of Amino Acids. II. The Interconversion of Serine and Alanine in Escherichia coli. Some Experimental Data on the Hydroxy Methyltransferase Reaction." Journal of Biological Chemistry, 1952, 197, 1-10. Author: J. Kozlowski, Department of Biochemistry and Biophysics, School of Medicine, Warsaw (English article), pp. 151-155. Author: J. Kozlowski, Department of Biochemistry, Central College of Agriculture, Warsaw (English article), pp. 161-166.
4. "Microbial Degradation of Impurities." Prace Instytutu Genetyki i Zoologii, 1952, 1, 1-10. Author: J. Kozlowski, Institute of Genetics and Zoology (PAN); English article, pp. 167-170.
5. "Influence of Antigen VI Production as a Result of KP Mutation in Salmonella typhi." Prace Instytutu Genetyki i Zoologii, 1952, 1, 1-10. Author: J. Kozlowski, Institute of Genetics and Zoology (PAN); English article, pp. 171-173.
6. "Notes on Microorganisms from Viet-Nam (Bacterium, Fungi, etc.)." Prace Instytutu Genetyki i Zoologii, 1952, 1, 1-10. Author: J. Kozlowski, Institute of Genetics and Zoology (PAN); English article, pp. 175-180.

REIFER, I.; WIEWIOROWSKI, M.; NIZIOLEK, S.; STAWICKA, D.; BRATEK, D.M.

Biogenesis of alkaloids. II. Bul Ac Pol biol 10 no.5:161-166
'62.

1. Institute of Biochemistry, and Biophysics, Polish Academy of
Sciences, and Department of Biochemistry, Central College of
Agriculture, Warsaw. Presented by J.Heller.

*

POLAND

WIEWIORSKI, M. and BRATEK, M. D., Institute of Biochemistry and Biophysics (Instytut Biochemii i Biofizyki) of PAN [Polska Akademia Nauk, Polish Academy of Sciences] and the Department of Organic Chemistry (Zakład Chemii Organicznej) of the University (Uniwersytat) im. A. Mickiewicza in Poznan

"Studies on the Structure of a New Group of Lupin Alkaloids."

Warsaw, Bulletin de l'Academie Polonaise des Sciences, Serie des Sciences Biologiques, Vol 10, No 9, 62, pp 349-355.

Abstract: [English article] The predominant fraction of the "hydroxylupanine esters fraction" (HEF₃) has been unequivocally identified as (+) 13-trans-cinnamyl-hydroxylupanine by IR-spectra and reanalysis, and studies are continued on the remaining two fractions. Of the four references, two are Polish and two are in the English language.

1/1

WIEJOROWSKI, Maciej, prof. dr

Second International Symposium on the Chemistry of Raw Produce.
Problemy 18 no.12:889-892 '62.

GOLANKIEWICZ, K.; WIEWIORSKI, M.

Chemical equilibria between ornithine and its lactam. I. Synthesis of β -aminopiperidon and preliminary information about its behaviour in aqueous solutions. Acta biochim. pol. 10 no.4:443-448 '63.

1. Department of Organic Chemistry, University, Poznan, and Institute of Biochemistry and Biophysics, Polish Academy of Sciences.

(ORNITHINE) (CHEMISTRY) (PIPERIDINES)

WIEWIOROWSKI, M.; SKOLIK, S.

Correlation between the basicity and molecular structure of certain lupine alkaloids and their derivatives. Biul chim PAN 11 no.2:69-75 '63.

1. Katedra Chemii Organicznej, Uniwersytet im. Adama Mickiewicza,
i Katedra Chemii Ogolnej, Wyzsza Szkola, Ekonomiczna, Poznan.
Presented by J. Suszko.

LUDWICZAK, Rufina S.; WIEWIOROWSKI, Maciej

Jerzy Suszko. Nauka polska 11 no.6:57-61 '63.

1. Akademia Medyczna, Poznan, i Uniwersytet im. Adama Mickiewicza, Poznan.

ACHMATOWICZ, O.; ACHMATOWICZ, S.; SKOLIK, J.; WIEWIOROWSKI, M.

The alkaloids of *Strychnos nux vomica*. Pt. 8. *Bul chim*
PAN 12 no. 1:9-14 '64.

1. Department of Organic Chemistry, University, Warsaw, and
Department of Organic Chemistry, University, Poznan. Presented
by O. Achmatowicz.

WIEWIOROWSKI, M.; WOLINSKA-MOCYDIARZ, J.

Lupine alkaloids; structure of N-methyl albine. *Bul chim PAN* 12
no.4:213-215 '64.

Structure of the new lupine alkaloid, dehydro albine. *Ibid.*:
217-222

1. Department of Organic Chemistry, A. Mickiewicz University,
Poznan, and Institute of Biochemistry and Biophysics, Polish
Academy of Sciences. Presented by J. Suszko.

BARANOWSKI, P.; WIEWIOROWSKI, M.

Amino oxides of lupin alkaloids. Pt.4. Bul chim PAN 12 no.11:
761-766 '64.

1. Department of Material Science of the School of Economics,
Poznan, and Department of Organic Chemistry of A.Mickiewicz
University, Poznan. Submitted August 24, 1964.

BRATEK-WIEWIOROWSKA, Maria D.; WIEWIOROWSKI, M.; REIFER, I.;
GOLANKIEWICZ, K.; NOWACKI, E.; BOCZON, Wl.; DEZOR, Maria

Synthesis and degradation of alkaloids in lupin ontogenesis.
Acta biochim. Pol. 12 no.4:395-412 '65.

1. Institute of Biochemistry and Biophysics, Polish Academy of
Sciences, Warszawa; Department of Organic Chemistry, A. Mickiewicz
University, Poznan; Institute of Plant Genetics, Polish Academy
of Sciences, Poznan.

L 36905-66 RO

ACC NR: AP6027104

(N)

SOURCE CODE: PO/0099/66/040/001/0073/0081

AUTHOR: Baranowski, Przemyslaw; Wiewiorowski, Maciej; Lompa-Krzyzdzien, Ludmila

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BORG: Department of Materials Science, School of Economics, Poznan (Katedra Towaroz-
nawstwa Wyzszej Szkoły Ekonomicznej); Department of Organic Chemistry, University im.
A. Mickiewicz, Poznan (Katedra Chemii Organicznej Uniwersytetu)TITLE: Amine oxides of lupin alkaloids. V. Reaction of lupanine amine oxide with
acetic anhydride. A new method of isomerization of lupanine to alpha-isolupanineSOURCE: Roczniki chemii - annales societatis chimicae polonorum, v. 40, no. 1,
1966, 73-81TOPIC TAGS: amine, alkaloid, isomerization, chemical reaction, chemical composition,
chemistry techniqueABSTRACT: Acetic anhydride has been found to transform the amino oxide of lupanine
to Δ^{11} -dehydrolupanine. To study the effect of the reaction conditions on the compo-
sition of the post-reaction mixture, a new highly accurate method has been worked out
for determination of lupanine and α -isolupanine. A new method of isomerization of
lupanine to α -isolupanine is described. Orig. art. has: 5 figures and 1 table.
[Based on authors' Eng. abstr.] [JPRS: 35,397]

SUB CODE: 07 / SUEM DATE: 13Aug65 / ORIG REF: 005 / OTH REF: 007

LS

WIEWIOROWSKI, M.; BARANOWSKI, P.

Amine oxides of lupin alkaloids Pts. 1-3. Biul chim PAN 10 no.10:
'537-553 '62.

1. Department of Organic Chemistry, Adam Mickiewicz University, Poznan,
and Department of Materials Science, School of Economics, Poznan.
Presented by J. Suszko.

BRATEK-WIEWIOROWSKA, M.D.; WIEWIOROWSKI, M.; REIFER, I.

Lupin alkaloids. Structure of five new natural acyloxylupanines.
Bul chim PAN 11 no.11:629-626 '63.

1. Institute of Biochemistry and Biophysics, Polish Academy of
Sciences, Warsaw. Presented by J. Suszko.

WIEWIORSKI, S., mgr., inz.; POTYRALA, A., prof.

Plans for coastal passenger ships; a discussion. Tech gosp morska 11
no.9:267-270 '61.

1. Politechnika Gdanska.

Wiezbicki, J.

With brotherly help to the Hungarian meteorologic service. p.11.

(Gazeta Obserwatora. P.I.H.M. Vol. 10, no. 6, June 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

WIEZLAK, S.

Testing the Saurer 100 W loom for production of cotton fabrics. Pt. 3, p. 48. (PRZEMYSŁ WŁOKIENNY, Lodz, Vol. 8, no. 2, Mar./April 1954.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol.4, No. 6, Jan. 1955,
Uncl.

WIEZIĄK, W.

Testing the Saurer 100 W loom for production of cotton fabrics. Pt. 2, p. 184.
(PRZEMYSŁ WŁOKIENNICZY, Lodz, Vol. 7, no. 7/8, July/Aug/ 1953.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955,
Uncl.

Wigdorowicz - Makowerowa Noemi

Effect of fluoride on dental caries. Noemi Wigdorowicz-Makowerowa. *Postępy Hig. i Med. Doświadczalnej* 6, 137-72 (1954).—A review. Fluoridation of drinking water is the best means as yet to protect teeth against caries. 60 references. H. Wierlicki

Oddział Stomatologiczny A.M. Wrocław ul. Czerw. 17

WIGDOROWICZ-MAKOWEROWA, Noemi; FLONKA, Bogumil; DADUN, Anna

A quantitative measure of the efficacy of fluorine prophylaxis and its application in schoolchildren in Wroclaw. Arch.immun.ter.dosw. 9 no.3:519-525 '61.

1. Chair of Prothetics, Department of Stomatology, School of Medicine, Wroclaw.

(FLUORIDATION)

POLAND

WIGDOROWICZ-NAKOWEROWA, Noemi [Affiliation not given]

"Development of Views on the Etiology of Dental Caries."

Warsaw, Postepy Higieny i Medycyny Doswiadczalnej, Vol 17,
No 3, 63, pp 285-303.

Abstract: Review article with the subheadings of Historical Outline, Chemobacterial and Proteolytic Theories, Development of Cariology and New Acid Theories of Caries, Inadequacy of "Acid" and Proteolytic Theories in Light of New Studies, Theories of Proteo- and Enzymatic Chelation, Resistance of Fluoridate Teeth to Chelation, Significance of "Plaques" in the Etiology of Caries, Dental Caries a Disease of Civilization Due to Many Factors and Its Definition, Normal Maturing of Enamel and Its Dependence on the Presence of Fluoride, Metabolism and Permeability of Enamel, Dental Hypoplasias and Caries, Effect of Nutrition on Formation of Caries, Caries and the Overall State of Health of the Organism, and The Etiology of Caries And Research on Sterile Animals. There are 59 references, of which about 10 are Polish, 2 Russian, a few German, and about 40 Western.

1/1

WIGDOROWICZ-MAKOWEROWA, Noemi, doc. dr.

The physiological role of saliva in prosthetics. Czas. stomat.
18 no.3:271-275 Mr '65.

1. Z Zakładu Protetyki Akademii Medycznej we Wrocławiu
(Kierownik Zakładu: doc. dr. N. Wigdorowicz-Makowerowa).

WIGDOROWICZ-MAKOWEROWA, Noemi; PLONKA, Bogumil

Clinical education of patients in the prosthetic treatment of edentulous mouth. Czas. stomat. 19 no.1:71-75 Ja ' 66

1. Z Zakladu Protetyki Stomatologicznej AM we Wroclawiu (Kierownik: doc. dr. N. Wigdorowicz-Makowerowa).

TEUCHMANN, Jan Karol; WIGLUSZ, Zdzislawa

Experimental studies on the effect of some pharmacological preparations on the anesthetic activity of cocaine.
Klin. oczna 34 no. 3:297-302 '64.

1. Z Zakladu Farmakologii AM w Gdansk (Kierownik: prof. dr med. J.K.Teuchmann).

POLAND

TEUCHMANN, J.K., KUHCINSKI, W., and WIGLUSZ, Z.; Pharmacology Department (Zaklad Farmakologii), AM [Akademia Medyczna, Medical Academy] in Gdansk (Director: Prof. Dr. J.K. TEUCHMANN)

"Investigations on the Variability of Results of Determinations of Novocaine Active Power Obtained by Various Methods."

Warsaw, Farmacja Polska, Vol 19, No 15-16, 25 Aug 63, pp 326-329

Abstract: In the search for a standard and uniform test of the potency of local anaesthetics, the authors subjected two, nominally equivalent novocaine preparations prepared by two manufacturers to chemical analysis and to thermal, mechanical, electrical, and chemical stimuli. The findings, presented in six tables, lead the authors to the conclusion that equivalent testing can be achieved, that with the acquisition of practice the lumbar plexus test on a decapitated frog is most effective, and that methods utilizing mechanical and electrical stimuli can also be adopted for testing on an industrial scale. Of the five (5) references, three (3) are English and 2 German.

1/1

TEUCHMANN, Jan Karol; KOROLKIEWICZ, Zbigniew; WIGLUSZ, Zdzisława

Comparative pharmacodynamic studies on long-acting sulfamethoxy-
pyridazine-sulfonamide. Polski tygod.lek. 15 no.42:1593-1598
17 0 '60.

1. Z Zakładu Farmakologii A.M. w Gdansk; kierownik: prof.dr
med. J.K. Teuchmann.
(SULFAMETHOXYPYRIDAZINE pharmacol)

TEUCHMANN Jan Karol; GORA, Stanislaw; WIGLUSZ, Zdzislaw

possibility of replacing phenacetin with some less toxic
drugs. Pol. tyg. lek. 19 no.41:1555-1558 12 0 '64

1. Z 7 'ladu Farmakologii Akademii Medycznej w Gdansk (Kie-
rownik. Zakladu: prof. dr. med. J.K.Teuchmann).

WIGNER, Eugene P.; GYORGYI, Geza [translator]

Survey of the theory of collisions. Fiz szemle 14 no. 2:
35-44 F '64.

1. "Fizikai Szemle" szerkeszto bizottsagi tagja (for Gyorgyi).

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WIGURA, A.

Ca

The influence of insulin on the endogenous alcohol content of the human blood. A. Wigura, *Acta Biol. Exptl.* (Warsaw) 13, 153-6(1939); *Chem. Zentr.* 1940, I, 1840. M. G. Moore

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