

NOWACZYK, Henryk, inż.; GRZYBOWSKI, Stanisław, mgr inż.

Application of the directional current method for precise determination of the defective spots in cables. Energetyka Pol 17 no.2:47-50 P '63.

1. Zakłady Energetyczne Okręgu Zachodniego, Poznań (for Nowaczyk). 2. Politechnika, Poznań (for Grzybowski).

GRZYBOWSKI, Stanislaw, mgr inz.; NOWACZYK, Henryk, inz.

Precise location of cable line defects by the acoustic method. Przegl
elektrotech 39 no.5:190-194 My '63.

1. Pdlitechnika, Poznan (for Grzybowski).
2. Zaklady Energetyczne
Okregu Zachodniego, Poznan (for Nowaczyk).

NOWACZYK, Henryk, mgr inz.; GRZYBOWSKI, Stanisław, mgr inz.

Preliminary localization of defects in cable networks by the impulse method. Pt. 2. Gosp paliw 12 no.6:205-207 Je '64.

1. Power Plants of the Western District, Poznan (for Nowaczyk).
2. Technical University, Poznan (for Grzybowski).

NOWACZYK, Henryk, mgr inż.; GRZYBOWSKI, Stanisław, mgr inż.

Preliminary localization of cable defects by the impulse method. Gospaliw 12 no. 5: 155-160 My '64.

1. Power Plants of the Western District, Poznań (for Nowaczyk).
2. Technical University, Poznań (for Grzybowski).

GRZYBOWSKI, Stanislaw, mgr inz.; SZMYT, Jerzy, mgr inz.

Computation of earth currents in medium voltage networks.
Energetyka Pol 18 no. 8:238-243 Ag '64.

1. Technical University, Poznan (for Grzybowski). 2. Electric
Power Station, Gorzow Wlkp. (for Szyt).

KURETA, Jerzy; TARGOBSKI-WISLICKA, Karolina; GAYLONSKI, Stanislaw

Scientific sessions of the Section of History of Social Sciences
of the Institute of History of Science and Technology, Polish Academy
of Sciences. Kwart hist nauki i tech 9 no.3/4:436-439 '64

GRZYBOWSKI, Stanislaw, mgr inz.; NOWACZYK, Henryk, mgr inz.

Location of defects in cable networks by the stationary wave method. Gosp paliw 12 no.8.9:281-285 Ag-S '64.

1. Technical University, Poznan (for Grzybowski). 2. Power Plants of Western District, Poznan (for Nowaczyk).

KRAUSE, Witold; KAZISZYN, Irena; GRZYBOWSKI, Stefan

Experiments in progressive coal crushing made on an industrial scale.
Pt.1. Koks 8 no.1:7-12 Ja-F '63:

1. Instytut Chemicznej Przerobki Węgla, Zabrze (for Krause and Kaziszyn).
2. Huta im. Lenina, Nowa Huta - Krakow (for Grzybowski).

GRZYBOWSKI, T.; STARCZEWSKI, W.; ZENCZYKOWSKI, W.

Thermal and humid phenomena in walls made of prefabricated materials. p.3.

(ARCHIWUM INŻYNIERII LADOWEJ. Vol. 3, No. $\frac{1}{2}$, 1957. Warszawa, Poland)

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

GRZYBOWSKI, T.; SZMIDT, K.

Principles of braking a train. p. 109.

(PRZEGLAD KOLEJOWY MECHANICZNY. Vol. 9, No. 4, Apr. 1957. Warszawa, Poland)

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

P/008/62/000/002/002/004
D265/D305

AUTHOR: Grzybowski, Tadeusz, Master of Engineering

TITLE: Vertical take-off and landing aircraft

PERIODICAL: Technika lotnicza, no. 2, 1962, 53

TEXT: This is a short description of the Polish Patent No. 40208, Class 62 b, 37/01, October 31, 1957, relating to the invention of an aircraft of a bi-plane type with two propellers mounted axially in cylindrical ring tunnels which can swivel to enable vertical take-off and landing, or be used for horizontal flights. Two figures show the different arrangements. The propellers are driven by the bevel gears transmission from an engine mounted in the fuselage. There are 2 figures.

Card 1/1

GRZYBOWSKI, Tadeusz

Combined vehicles for use on railroads and roads. Przegl kolej
mechan 14 no.6:178-181 Je '62.

1. Centralny Zarzad Wagonow, Warszawa.

GRZYBOWSKI, W.

KARDASZEWICZ, J.; GRZYBOWSKI, W.

"Requirements of the metallurgical industry for special electric machines." p. 71.
(Przegląd Elektrotechniczny, Vol. 30, no. 2, Feb 54, Warszawa)

SO: Monthly List of East European Accessions, Vol 3 No 6 Library of Congress Jun 54 Uncl

GRZYBOWSKI, W.:

POLAND

W. GRZYBOWSKI and J. KARDASZEWICZ, "Automatisierung kontinuierlicher Walzstrassen,"
Neue Huette, Vol. 1, No. 3, Berlin, January 1956, Unclassified.

(Rough translation of title: Automatic Continuously Rolling Mill)
Previously published in Przegląd Mechaniczny, Warsaw, Nos. 3 and 4, 1955

Q 1271300 SA 1 16
GRZYBOWSKI, W.

Drive and regulation of reversing blooming mills for cold-rolling strip.

p. 363 (Hutnik) Vol. 24, No. 9, Sept. 1957, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1. JAN. 1958

GR2/30VSKI, Z.

MIROSHNICHENKO, B.P.; BOMBLEVSKIY, Z. [Bomblewski, Z.], (Pol'skaya narodnaya Respublika); CZHIBOVSKIY, Z. [Grzybowski, Z.], (Pol'skaya narodnaya Respublika); SHCHEGEL'NYAK, V. [Shchehel'niak, V.], (Pol'skaya Narodnaya Respublika); TOMAN, I. (Chekhoslovatskaya SSR); ENGERT, M. (Germanskaya Demokraticheskaya Respublika); PIPLOV, R. (Germanskaya Demokraticheskaya Respublika); LOZE, E. (Germanskaya Demokraticheskaya Respublika); BOYTEL', B. [Boitel, B.], (Germanskaya Demokraticheskaya Respublika); LAZAR, D., (Vengerskaya Narodnaya Respublika); NIKIFOROV, V., (Narodnaya Respublika Bolgariy); GERTSOVICH, G.B., red.; STUPOVA, A.D., red.; NIKOLAYEV, D.N., red.; PAK, G.V., red.; GERASIMOVA, Ye.S., tekhn. red.

[Planning in European socialist countries] Planirovanie v evropeiskikh stranakh sotsializma. Moskva, Ekonomizdat, 1962. 279 p. (MIRA 15:6)

1. Akademiya nauk SSSR. Institut ekonomiki mirovoy sotsialisticheskoy sistemy.
(Europe, Eastern--Economic policy)

GRZYBOWSKI, Wacław; OLBORSKI, Tadeusz

Wire coiler drive. Problemy proj hut maszyn 12 no. 2:57-59
F '64.

1. Biprohut, Gliwice (for Grzybowski). 2. Elektromontaz,
Warszawa (for Olborski).

DOMANUS, Stefania; PANAS, Jozef; GRZYBOWSKI, Zygmunt; CZARNOMSKA, Krystyna

Studies on obtaining uranium from Polish uranium ore. Nukleonika
7 no.7/8:487-493 '62.

1. Instytut Badan Jadrowych, Polska Akademia Nauk, Zaklad Technologii
Chemicznej, Warszawa.

GRZYCKA, K.; MILKOWSKA, J.

The dwarf birch (*Betula nana* L.) in the Botanical Garden of
Maria Curie-Sklodowska University in Lublin. Wiadom botan 6
no.2:178-179 '62.

GRZYCKA-WARAKOMSKA, Sylwia; SIASKI, Zbigniew

Late complications of tuberculous meningoencephalitis. *Pediat. polska*
32 no.11:1255-1261 Nov 57.

1. Z Oddziału Zakaznego Kliniki Chorob Dzieci A. M. w Lublinie
Kierownik: doc. dr med. W. Klepacki. Adres: Otwock, ul. Korczaka 5,
Sanatorium im. J. Marchlewskiego.

(TUBERCULOSIS, MENINGEAL, compl.

late compl. of tuber. meningoencephalitis (Pol))

Grzycka-Warakomska, Sylwia; Siaski, Zbigniew

GRZYCKA-WARAKOMSKA, Sylwia; SIASKI, Zbigniew

Favourable effects of hormone therapy in tuberculous meningoencephalitis in children. *Pediat. polska* 32 no.12:1361-1365 Dec 57.

1. Z Oddziału Zakaznego Kliniki Chorob Dzieci A. M. w Lublinie. Kierownik Kliniki: doc. W. Klepacki.

(TUBERCULOSIS, MENINGEAL, in inf. & child
ther., ACTH in tuberc. meningoencephalitis (Pol))

(ACTH, ther. use
tuberc. meningoencephalitis in child. (Pol))

8 118

Histochemical methods of arsenic determination in cells. Stanislaw Grzycki. *Medycyna Weterinaryjna* 3, 630-1(1947); *Biol. Abstracts* 22, 1166(1948).---The literature is reviewed. G. gives a modification of the Castel methods (*C.A.* 30, 384P; 31, 1815P). (1) The tissue is fixed in 10% neutral formalin soln. to which 3.5 ./.100 ml. of either CuCl_2 or CuSO_4 is added. After 3-5 days it is kept for 24 hrs. in a thermostat at 30-37°. It is then washed successively in tap water, alc., and xylene, imbedded in paraffin, cut, and examd. The Cu-As compds. appear in the sections as glistening green granules. (2) Instead of formalin 80% alc. is used, and the tissue is fixed for 48 hrs. Green or yellowish green granules are seen when As is present in the tissues. R. D. H.

CA

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Arsenic and arsenic compounds in the central nervous system. Stanislaw Grzycki and Barbara Kobusowna (Univ. of Wrocław, Poland). *Ann. Univ. Mariae Curie-Skłodowska, Sect. D* 4, 10-22 (1940). Regardless of the way of administration, As and its compds. are taken up and stored by active mesenchymal cells within their protoplasm. This leads to a damage of nuclear structure, fatty degeneration of the protoplasm, and finally to the complete destruction of the cell. As is probably removed through blood vessels and through kidneys. The changes observed in nerve cells are not specific to As, but are secondary in nature, being caused by the cutting off of their normal supply system owing to destruction of the above-mentioned cells. Arsenite, aliphatic As compds. (Solanol), aromatic compds. (Stovarsol, Novarsenobenzol, Neumalvarsan) were used. I. Z. Roberts.

GRZYCKI, ST.

Cytochemical investigations of the nucleus and the nucleolus of the cells in the palatal glands of the domestic hen in various periods of secretory activity. St. Grzycki (M. Curie-Skłodowska Univ., Lublin, Poland). *Acta Acad. Polon. sci. Classe sci. math. nat. Sér. B*, 1953, 451-59 (Pub. 1953).--An inverse ratio exists between nuclear deoxyribonucleic acid (I) and the Golgi system (II) in the cells of the palatal gland of starved hens. As II passes through phases 1-3, the amt. of I, as well as the amt. of nucleolar ribonucleic acid (III), decreases and is altered in appearance, location, and Feulgen and Unna staining reactions. Cytoplasmic III simultaneously increases, marking about II, in phases 1-3, but decreases in 4. These changes imply that I may participate in cytoplasmic formative processes. John P. Lhotka

GRZYCKI, S.; STASZYK, J.

The spheroidal system and the Golgi zone in the ganglion cells of the snails. Ann.Univ. Lublin;sec.D 6 no.7-15:251-269 1951. (CML 23:2)

1. Of the Histo-Embryological Institute (Head--Prof. Docent Stanislaw Grzycki, M.D.) of Lublin Medical Academy.

GRZYCKI, S.

Activity zones of the epidermis of human skin with special consideration
of the Malpighian cells. Ann. Univ. Lublin; sec. D 6 no. 7-15: 271-284 1951.
(CJML 23:2)

1. Of the Histo-Embryological Institute (Head--Prof. Docent Stanislaw
Grzycki, M.D.) of Lublin Medical Academy.

GRZYCKI, S.

Influence of temperature upon the Golgi-Thomas spheroidal system and the neurosecretory granules in the ganglion cells of the snails (*Limnaea stagnalis* L). Ann. Univ. Lublin; sec D 6 no.7-15:323-349 1951. (CML 23:2)

1. Of the Histo-Embryological Institute (Head--Prof. Docent Stanislaw Grzycki, M.D.) of Lublin Medical Academy.

GRZYCKI, S.

Chromatophil changes of snail nerve cells of the cerebral ganglia in vivo following short stimulation with low voltage currents of various intensities. Ann.Univ. Lublin; sec.D 6 no. 16-22:333-360 1951.
(CML 24:1)

1. Of the Institute of Histology and Embryology (Head--Prof. Docent Stanislaw Grzycki, M.D.) of Lublin Medical Academy.

GRZYCKI, STANISLAW

P O I .

Experimental studies on the role of the spheroidal system of the Golgi area, nucleic acids, and acid and alkaline phosphatase in the secretion processes of glandular cells. Stanislaw Grzycki (Med. Acad., Lublin). *Ann. Univ. Mariae Curie-Skłodowska, Lublin-Poland* 8, Sect. C, 193-222(1953)(German summary, 228-31).—Overgrowth and hyperfunction of Golgi app. is accompanied by a decrease of deoxyribonucleic acid in the cell nucleus and an increase of ribonucleic acid in the Golgi area. Histologically, the enzymic area of glandular cells corresponds in its position to the Golgi area and the greatest concn. of ribonucleic acid. A morphological relation was found between phosphatase and nucleic acids in the cell cytoplasm. 84 references.

Alina S. Saczanski

GRZYCKI, Stanislaw; STASZYC, Jozef

Experimental investigations on pulmonary macrophage system.
Ann. Univ. Lublin; sec. D 9:1-10 1954.

1. Z Zakladu Histologii i Bakteriologii Akademii Medycznej w
Lublinie Kierownik: prof. kontr. doc. dr. med. Stanislaw Grzycki.

(LUNGS, Anatomy and histology,

macrophages)

(MACROPHAGES

lungs)

GRZYCKI, S.

30. Activity system of fibres in human skin. S. Grzycki and L. Blazewski *Ann. Univ. M. Curie-Skłodowska*, 1954, 9, 49-57 (Univ. M. Curie-Skłodowska, Lublin, Poland).--Skin was injected with tannin soln. and the paths and reticular plexuses of collagenous fibres (development and direction of the course of adsorption phases) investigated. Instances of fibres passing directly from dermis to epidermis have been found, showing the existence of a morphological fibrillary dermo-epidermal system. E. M. RATTENBURY.

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GRZYCKI, Stanislaw

Arsenic and arsenic compounds in the digestive mucosa.
Ann. Univ. Lublin; sec. D 9:69-88 1954.

1. Z Zakladu Histologii i Embriologii Wydzialu Lekarskiego
Akademii Medycznej w Lublinie. Kierownik: prof. Kontr. doc. dr.
med. Stanislaw Grzycki.

(ARSENIC, metabolism,
gastrointestinal mucosa, in rats)
(ARSENICALS, metabolism,
gastrointestinal mucosa, in rats)
(GASTROINTESTINAL SYSTEM, metabolism,
arsenic & cpds., in mucous membranes)

GRZYCKI, S

✓ 4351. Fibrillary dermo-epidermal system of human skin in pathological states. S. Grzycki, L. Blazowski, and J. Staszyc *Ann. Univ. M. Curie-Skłodowska*, 1954, 9, 89-98 (Univ. M. Curie-Skłodowska, Lublin, Poland).--Examination of skin from patches and scales in psoriasis nummularis typica and from foci of scleroderma circumscriptum suggest the existence of a physiological equilibrium between the skin and epidermis, also an intermediary rôle which tanninophil fibres take in maintaining this equilibrium. Even slight fluctuations of the equilibrium are reflected in the no. and course of tanninophil fibres and in the staining of Malpighi's basal cells.

E. M. RATTENBURY.

GRZYCKI, Stanislaw; KROLIKOWSKA, Irena

Investigations on liver glycogen in *Rana esculenta* following exposure to various temperatures. Ann. Univ. Lublin; sec. D 9:395-427 1954.

1. Z Zakladu Histologii i Embriologii Akademii Medycznej w Lublinie. Kierownik: prof. dr. med. Stanislaw Grzycki.

(LIVER, metabolism,
glycogen, eff. of temperature in frogs)
(GLYCOGEN, metabolism,
liver, eff. of temperature in frogs)
(TEMPERATURE, effects,
on liver glycogen in frogs.)

GRZYCKI, Stanislaw

Nerve endings in the epithelium of tentacles in snails *Helix pomatia* L., *Helix lutescens* Rossm., and *Cepaeba hortensis* Mull.
Ann. Univ. Lublin; sec.D 10:63-72 1955.

1. Z Zakładu Histologii i Embriologii Akademii Medycznej w
Lublinie Kierownik: Prof. dr. med. Stanislaw Grzycki.

(SHAILS,

nerve endings in epithelium of tentacles (Pol))

(NERVE ENDINGS,

in epithelium of tentacles in snails (Pol))

GRZYCKI, Stanislaw

Reticulo-intracellular nervous system of the palatine glands
in birds (*Gallus gallus domesticus*). Ann. Univ. Lublin; sec.D
10:73-84 1955.

1. Z Zakladu Histologii i Embriologii Akademii Medycznej w
Lublinie Kierownik: Prof. dr. med. Stanislaw Grzycki.
(SALIVARY GLANDS, innervation,
palatine glands in chickens (Pol))

x
GRZYCKI, Stanislaw

Cytochemical studies on nucleic acids, basophilic Nissl bodies, and neurosecretory granules in the ganglion cells of the midbrain in *Rana esculenta*. Ann. Univ. Lublin; sec.D 10:175-206 1955.

1. Z Zakladu Histologii i Embriologii Akademi Medycznej w Lublinie
Kierownik: prof. dr. med. Stanislaw Grzycki.

(MESENCEPHALON, physiology,

basophilic Nissl bodies, neurosecretory granules, &
nucleic acids in ganglion cells in frogs (Pol))

(NUCLEIC ACIDS, metabolism,

mesencephalon ganglion cells in frogs (Pol))

GRZYCKI, S.

Glycogen, deoxyribonucleic acid, and calcium salts in the cells of the digestive gland of *Helix pomatia*. Stanislaw Grzycki and Irena Kozłowska. Ann. Univ. Mariae Curie-Skłodowska, Lublin-Polonia, Sect. D 11, 153-60 (1967). Ca salts were detected in the cell cytoplasm and deoxyribonucleic acid in the cell nuclei. Glycogen granules were also shown to occur in the gland cells. The amount and distribution of the cell components seems to depend on the physical state of the gland cells. Anna S. Grzycka.

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GRZYCKI, Stanislaw

Connective tissue fibres examined by phase contrast refractometry.
Ann.Univ.Lublin; sec.D 14:7-11 '59.

1. Z Katedry Histologii i Embriologii Wydziału Lekarskiego Akademii
Medycznej w Lublinie Kierownik: prof. dr Stanislaw Grzycki.
(CONNECTIVE TISSUE anat & histol)

GRZYLEWSKI, J.

J. Gzylewski, "Ueber den Einfluss von Aenderungen der dielektrischen Durchlaessigkeit auf die Verteilung des elektrischen Feldes in Kondensatordurchfuehrungen," Arch. Elektrot. (Warsaw), Vol 4, No 2, no date given, pp. 365-77.

Article appears in condensed German version in Deutsche Elektrotechnik (Berlin), 10 Yr., No 5, May 1956, p. 167.

GRZYMALA, J.

J-3

POLAND/Soil Cultivation. Mineral Fertilizers.

Abs Jour: Ref. Zhur-Biologiya, No 1, 1958, 1243.

Author : Grzymala, J., Rutkowska, B., Skolimowski, L.

Inst :

Title : The Value of Vivianite for Fertilizer.

Orig Pub: Nowe roln., 1956, 5, No 7, 536-543.

Abstract: In most cases analysis of the vivianites taken from lowland peat bog indicates a high phosphorous content 19.8-22.2% P_2O_5 ; but there are some less valuable deposits containing 1.6-7.4% P_2O_5 . Vegetation experiments on peat bog soils with rye grass and timothy sown for two years indicate that the total yields over the two years were as high when vivianite was used as when superphosphate, Thomas slag, and phosphorite were used, although the plants utilized considerably less phosphorous from the vivianite. Oats utilized almost the same quantities of phosphorous

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from vivianite when planted in podzolic soil with pH 5.3 as when planted on weakly podzolic and humus-rich sandy loam with pH 7.3 -- i.e. 9.9% and 11.0% , while the corresponding results from phosphorus field experiments on lowland sedge peat containing 0.38% P_2O_5 dry matter a comparison was made between vivianite in doses of 45 and 90 kg./hectare and superphosphate in a dose of 45 kg./hectare P_2O_5 on a base of 100 kg. K_2O . Over four years of experiments superphosphate increased the hay yield by an average of 31.7 centners/hectare while vivianite in a single dose increased it by 20.0 centners/hectare, and in a double dose by 28.3 centners/hectare, the basic harvest being 52.0 centners/hectare. In another experiment on peat moss with an average content of 0.37% P_2O_5 , when fertilizers, chosen for [iz rascheta] their citrate-soluble phosphoric acid content, were applied, the harvests achieved using vivianite were actually

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POLAND/Soil Cultivation. Mineral Fertilizers.

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Abs Jour: Ref. Zhur-Biologiya, No 1, 1958, 1243.

somewhat higher than those from superphosphate. The vivianite utilized in this experiment contained 21.2% total P_2O_5 and 10.0% citrate-soluble P_2O_5 .

J

COUNTRY : Poland
 CATEGORY : Soil Science. Fertilizers.
 ABS. JOUR. : RZhBiol., No. 4, 1959, No. 15419
 AUTHOR : Grzymala, J.; Skolimowski, L.; Grzyb, S.
 INST. : Higher Agric. School. Warsaw
 TITLE : Fertilizing Value of vivianite.
 ORIG. PUB. : Roczn. nauk rolniczych, 1956, F71, No. 4,
 : 943-1001
 ABSTRACT : In vegetative experiments at the Division of
 Meadows and Pastures of the Higher Agricultural
 School in Warsaw on weakly podzolic soil with a
 pH of 7.2 the increase of grain harvest from viv-
 ianite reached 5.0 hectare with the control 14.3
 hectare; phosphorite in this experiment gave an
 increase of 1.5 hectare and superphosphate 8.5
 hectare. On strongly podzolic soil with a pH of
 5.3 the grain harvest for the control consisted
 of 12.26 hectare, and the increase in harvest
 Card: 1/3

COUNTRY :

CATEGORY :

ABS. JOUR. : RZhBiol., No. 4, 1959, No. 15419

AUTHOR :

INST. :

TITLE :

ORIG. PUB. :

ABSTRACT : correspondingly equalled 7.6, 12.2, and 16.7. For vivianite the use of 5.0% on a neutral soil consisted of 11.0%, for phosphorite 2.0%, and for superphosphate 33.4%, and on acid soil respectively 10.0, 15.6, and 32.2%. Timothy gave the same results, and sweet clover reacted weakly and almost identically on vivianite and phosphorite with a strong reaction of superphosphate. In field experiments on bent bog with an ordinary dosage of vivianite the hay harvest was

Card:

7/3

COUNTRY :

CATEGORY :

ABS. JOUR. : PchEiol., No. 4, 1959, No. 15419

AUTHOR :

INST. :

TITLE :

ORIG. PUB. :

ABSTRACT : 62 - 86, the harvest with superphosphate, but
with a double dose of vivianite it was from 80 -
97%. -- Z.I. Zhurbitskiy

Card:

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GRZYMALA, STANISLAW.

Ostroznie, grzyb trujacy! Grzyby trujace i zatrucie grzybami. (Wyd. 1)

Poland

Warszawa, /Panstwowy Zaklad Wydawn. Lekarskich, 1958. 118 p.

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, No. 6, June 1959
Uncl.

EXCERPTA MEDICA Sec 17 Vol 5/1 Public Health Jan 59

378. FATAL MUSHROOM POISONING BY PSEUDO-EDIBLE SPECIES -
 Śmiertelne zatrucia rzekomo jadalnym gatunkiem grzyba. I. - Grzymała
 St. Wojewódzk. Stacji Sanit.-Epidemiol., Poznań - ROCZN. ZAKŁ. Hig.
 (Warsz.) 1958, 9/2 (115-119) Illus. 2

Cortinarius (Dermocybe) orellanus Fr., a species of mushroom, caused in a very small area, 132 cases of poisoning in humans, between 1952 and 1957, 19 cases proving fatal. The incubation period was very long, lasting from 3 to 14 days. The clinical picture was dominated by enteric disturbances; in severe cases the outstanding symptoms were: changes in the kidneys inducing oliguria, albuminuria, increase of residual nitrogen and urea in the blood leading to uraemia which was the main cause of death. Post-mortem examinations showed mainly toxic nephrosis gravis or interstitial nephritis. The diagnosis was difficult because of the very long incubation period of the disease and the histological picture, until now not described in mushroom poisoning. Accurate field observations together with experimental work on animals (cats and rabbits) proved that Cortinarius orellanus was indeed the cause of the toxic manifestations. This species of mushroom has never been described in the literature as poisonous and, on the contrary, has been considered by a number of mycologists as an edible variety.

GRZYMALA, S.

Poisoning by Paxillus involutus (Batsch) Fr. P 277

^{POLAND}
ROCZNIKI (Panstwowy Zaklad Higieny) Warsaw / Vol. 9, no. 3, 1958

Monthly List of East European Accessions (EEAI) IC. Vol. 3, no. 7, July 1959

Uncl.

EXCERPTA MEDICA Sec 17 Vol 5/8 Public Health Aug 59

2389. THE ROLE OF MUSHROOMS IN FOOD POISONING - Rola grzybów w zatruciach pokarmowych - Grzymała S. Wojewódsk. Stacji Sanit.-Epidemiol., Poznań - ROCZN. ZAKŁ. HIG. (Warsz.) 1958, 9/4 (377-388) Graphs 1 Tables 4

Of 3,033 cases of food poisoning in Poznań district, 319 were registered as mushroom poisoning. In 32 of 68 fatal cases, this was the cause of death. The most common and dangerous poisoning was that with *Amanita phalloides*: 22 of 51 cases proved fatal. Next in turn was *Gyromitra esculenta* (45 cases, 2 fatal). *Dermocybe orellana* was also dangerous (20 cases, 4 fatal). The considerable number of poisonings caused by *Paxillus involutus* is striking (39 cases in 5 yr., one of which was fatal). Most cases of poisoning were due to errors made in gathering mushrooms for private use. There were many more cases of mushroom poisoning among inhabitants of cities than among those living in rural areas.

GRZYMALA, Stanislaw; FIKSINSKI, Rajmund

Use of micro-electrofiltration in the precipitation of thermal decomposition products of orellanine in the volatile phase.
Postepy hig. i med. domw. 14 no.6:699-702 '60.

1. Z Wojewodzkiej Stacji Sanitarno-Epidemiologicznej w Poznaniu.
(PLANTS chem) (POISONS chem)

L 01890-67 T JK
ACC NR: A16035134

(A) SOURCE CODE: PO/0081/65/019/002/0269/0271

GRZYMALA, Stanislaw; Regional Station of Sanitation and Epidemiology
(Wojewodzka Stacja Sanitarno-Epidemiologiczna), Poznan.

"Clinical Aspects of Poisoning with the Mushroom Cortinarius orellanus Fr."

Warsaw, Przegląd Epidemiologiczny, Vol 19, No 2, 1965; pp 269-271.

Abstract: Report on 135 cases of poisoning with the mushroom Cortinarius orellanus Fr., 1952-1960: 20 cases were light, 75 severe, and 40 very severe, which included 19 fatal ones. The main toxic substance is orellanin, a heat-stable toxin with cumulative action which affects primarily the epithelium of the renal tubules, although hemopoietic and neurologic toxicity is also severe. Incubation period in severe cases in 2-5 days; up to 17 days light ones: death in the 19 cases usually occurred in the second or third week of the disease, but also as late as on the 161st day. Hemodialysis, adrenal hormones and other supportive therapy may help. Presented at the 3rd Scientific Assembly of Polish Epidemiologists and Infectologists, 5-6

Oct 64. [JPRS]

TOPIC TAGS: poison effect, toxin, hormone, therapeutics

SUB CODE: 06 / SUBM DATE: none

Card 1/1 hs

0921 1574

GRZYMALOWSKI, S.

Ten years of the Association of Polish Mechanical Engineers and Technicians.
p.205

MECHANIK. (Stowarzyszenie Inzynierow i Technikow Mechanikow Polskich)
Warszawa, Poland. Vol.28, no.6, June 1955.

Monthly list of East European Accession. (EEAI) LC, Vol.9, no.1, Jan. 1960.

Uncl.

_GRZYMEK, Jerzy, prof. dr inz.; MACIAS, Jan, mgr inz.

Effect of pH in extraction processes of Al_2O_3 from
basic sinters. Rudy i metale 8 no. 5: 164-167 My '63.

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GRZYMEK, 1981

CA

PRINCIPLES AND PROPERTIES INDEX

Paragenesis of the sulfates of potassium and magnesium. *Przemysl Chemiczny*, 10, 1981 (1980). The system K_2SO_4 - $MgSO_4$ - H_2O was investigated by adding $MeOH$ to the soln. The solidification temp. is lowered, providing the possibility of experimentation at low temps. There exists a low-temp. field for schönite so that paragenesis of K_2SO_4 and $MgSO_4$ can proceed. In pure aq. solns. a line of metastable state of coexistence of the 2 salts can be shown. It can also be realized in undercooled solns. with the aid of colloids (pine tannin). Undercooled solns. that are in equil. with schönite, K_2SO_4 , and reichehardite can be crystallized simultaneously. The most important problem is the investigation of the system in metastable state of equil. properly stabilized with substances that inhibit the seedling of crystals but do not prevent the crystal growth completely. A. C. Zachlin

ASB-SLA METALLURGICAL LITERATURE

CLASSIFICATION

1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900 4000 4100 4200 4300 4400 4500 4600 4700 4800 4900 5000 5100 5200 5300 5400 5500 5600 5700 5800 5900 6000 6100 6200 6300 6400 6500 6600 6700 6800 6900 7000 7100 7200 7300 7400 7500 7600 7700 7800 7900 8000 8100 8200 8300 8400 8500 8600 8700 8800 8900 9000 9100 9200 9300 9400 9500 9600 9700 9800 9900

PROCESSES AND PROPERTIES INDEX

Control of the exterior form of crystals during crystallization. Jerry Graymek. *Przemysl Chem.* 21, 270-80 (1947). Supersatn. has the primary effect on the shape of crystals, while the other effects such as the presence of a third substance, rate of crystn., rate of cooling, etc., are of secondary importance exerting their effects only through the change in supersatn. Positiveness of form increases from the granular to the needle-like as supersatn. increases. Its effect on the ratio of lengths of axes, y/x , is expressed quantitatively by a higher-order curve characteristic of the substance; $y/x = k\Delta C^n$, where y/x is the change in the external form expressed by the ratio of geometric axes, k is a coeff. of proportionality dependent on conditions of crystn., and first of all, on diffusion, C is the supersatn. in mols. of salt per 1000 mols. of water at the moment of formation of the crystal nuclei, and n is a value greater than 1 which depends on the chem. compn. of the substance and its crystallographic classification. Salts that are readily sol. and have a long period of induction, i. e., those belonging to Fischer's types β and γ have a tendency to produce either highly pos. or highly neg. forms, i. e., either needles or flakes, while those possessing the opposite properties produce neutral forms. The application of these conclusions not only to aq. solns. but also to metallic alloys is suggested, and the profound effect on the resultant mech. properties of such metals is pointed out. The expts. were performed with aq. solns. of K_2SO_4 , $MgSO_4 \cdot 7H_2O$ and KNO_3 . The great changes accomplished in the shape of the crystal are illustrated with photomicrographs.

A. C. Zachlin

21 4

External shape and surface growth of crystalline products in technological processes. Jerzy Grzymek. *Konf. Teor. Chem. Pol. 1954, 1-32, Warszawa 1954, 353-80* (Pub. 1954). Numerous examples are presented, e.g. K_2SO_4 , $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$, and KNO_3 , to illustrate the effect of supersat. of soln., chem. compn. of medium, and appearance of polymorphic modifications during crystn. on the shape and surface growth of crystals. In the course of tech. treatments certain axis ratios are found with preference, their creation being induced by the temp. gradients ordinarily used in the crystn. The occurrence of polymorphism is discussed with $2\text{CaO} \cdot \text{SiO}_2$ as example, which occurs in 3 modifications and which are important in the cement industry. A longer discussion is devoted to cements and concretes, where the effects of CaSO_4 are discussed in the formation of other compds., crystals, crystal habit, and crystal sizes. 44 references. W. Jacobson

7

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GRZYMEK JERZY

External shape of crystals of alite in portland cements and its significance for high-speed and winter construction. Jerzy Grzymek (Akad. Górniczo-Hutnicza, Kraków, Poland). *Cement-Wapno-Gips* 9(18), 182-82(1953).—By a metastable crystn. of Ca silicates contained in portland clinker, a cement was obtained in which the size of alite crystals was in av. $15\ \mu$ and the ratio of their geometric axis was 1.5. Such fine structure of the crystals caused cement to set faster and keep a steady vol. The above cement had a higher initial resistance and a higher temp. of setting than any common portland cement in which the alite crystals av. $40\ \mu$. Theoretical calcn. proved that with lower alite crystals and higher geometric axis for cement of the same chem. compn. initial resistance and temp. of setting became higher. 27 references. P. J. Hendel

GRZYMEK, J.

"Tasks of the Building Materials Industry in the Light of Directives of the 9th Plenary Session of the Central Committee of the Party in the Fight for a Faster Increase in the Living Standard of the Laboring Masses; an Address Delivered At a Conference Organized by the Ministry of the Building Materials Industry." p. 33
(Materialy Budowlane, Vol. 9, No. 2, Feb. 1954, Warszawa)

SO: Monthly List of East European Accessions, Vol. 3, No. 6, Library of Congress, June, 1954, Uncl.

GRZYMEK, J.

"Tasks of the Building Materials Industry in the Light of Directives of the 9th Plenum of the Central Committee of the Polish United Workers Party," P. 1. (CEMENT, WAPNO, GIPS., Vol. 10. No. 1, Jan. 1954, Krakow, Poland)

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

GRZYMEK, JERZY

Future of certain new problems in the production of cementing materials. Jerzy Grzymek. *Cement-Wapno-Gips* 10(19), 117-24 (1954). — It is predicted that cementing materials which are not based on portland clinker will be substituted in Poland portland cement in less important buildings, especially anhydrite cement, sulfate cement (I), gypsum-slag cement, and Belitnov's lime (II). It is obtained by mixing anhydrite 14, portland cement 3, and blast-furnace slag 84%. The latter contains more than 15% of Al_2O_3 . Strength of such I is as good as the best portland cement, compression strength is 600 kg./sq. cm. and breaking strength is 100 kg./sq. cm. II (cf. C.A. 48, 8870b) is used not only for mortars but also for manufacture of synthetic, unburned stones, concrete, and cement "substitute." The latter is prepared in U.S.S.R. by grinding a mixt. of industrial lime and industrial wastes such as slag and ash. Possibilities in Poland and U.S.S.R. of clinker cementing materials such as high early-strength cement of sintered cements, and paper-ash cements are reviewed. Production of by-products, such as Al_2O_3 and K_2CO_3 , from cement plants and the use of waste sulfite liquors (III) from paper mills (cf. C.A. 48, 8883a) are discussed. III can be used as 30% solid or as powder. In cement plants good results were obtained when both III and blast-furnace slag were added to the portland clinker before grinding. Then the ground product required 7% less water than portland cement to obtain the same plasticity for building applications. III did not contain any sugar.

GRZYMEK, J.

GRZYMEK, J. General knowledge of the history and types of adhesive building materials. p. 90. BUDOWNICTWO PRZEMYSŁOWE. Warszawa, Poland. Vol. 4, No. 11, Nov. 1955

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6, June 1956

Grzymek, Jerzy

Significance of the exterior crystal habit of alite for the production of super-portland cements. Jerzy Grzymek (Acad. Mining Met., Krakow.) Silikat, 1954, 9: 204-208 (1955). Microscopic exminis. of portland cement clinkers have shown that those with coarse alite crystals give lower mech. strengths than those with finely cryst. alite. The higher specific surface of the finely cryst. alite improves the quality; the portland cement develops supercement properties of high early strengths. The depth of hydration of alite crystal agglomerates of 60 μ diam. is only 6-8 μ after 3 months. Smaller alite grains are more easily accessible to hydration H_2O and, therefore, will have greater final strengths, especially if the clinker is wet ground. Beyond that, the often-observed "cubic" shape of alites in shaft furnace clinkers (with a ratio $p = \text{diam. } y$, to thickness, $x = 1.4$) is less favorable in developing mech. strength than a clinker alite with the ratio $p = 1.6$, i.e., more pronouncedly tabular. Fused alite may even show $p = 20:1$. It has been demonstrated that the ratios p and the grain sizes may be systematically controlled in the same way as the crystn. of salts (e.g. K_2SO_4 , KNO_3 , and $MgSO_4 \cdot 7H_2O$) is controlled from supersatd. solns. with a high temp. coeff. of soly. Based on the data of Hubbell a calcn. is given which shows the effects of increasing ratios p and of reduced grain sizes of alite for the development of optimum mech. strengths. The results confirm the hypothesis of Shuravlev that the hydration of portland cement is not only the formation of insol. Ca silicate hydrates but that H_2O must penetrate into the micropores of the cement minerals, and is here bound by "zeolithic absorption." The rate of hydration is decreased as soon as the colloid silicate hydrates envelop the alite grains, and never is the theoretical final mech. strength reached (e.g. only 62% after 28 days, corresponding to a hydration depth of 4.4). The higher heat evolution in supercements contg. fine alite crystals is favorable for rapid concrete construction, especially in the winter, making elec. heating unnecessary. W. Eitel

GRZYMEK, Jerzy...

Math Present status of the [Polish] industry of binding materials (cement, lime, and plaster) and its further development in the 5-year plan. Jerzy Grzymek and Jerzy Niewiadomski. *Cement-Wapno-Gips* 12(21), 70-80(1968).
—A review with 24 references. P. J. Hendel

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GRZYMEK, J. ; LECZNAK, F.

Pressed-clay materials.

F. 335. (MATERIALY BUDOWLANE) (Warszawa, Poland) Vol. 12, no. 11, Nov. 1957

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

POLAND/Chemical Technology. Chemical Products and Their
Application. Ceramics. Glass. Binders. Concrete.

H-13

Abs Jour: Ref Zhur-Khimiya, No 13, 1958, 44112.

Author : Grzynek Jerzy

Inst :

Title : The Polish Cement Industry Its Development and
Future Prospects.

Orig Pub: Cement. Wapno. Gips., 1957, 13, No 10, 204-216.

Abstract: No abstract.

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Conditions influencing the quality of alit crystals in Portland cement and their importance for the production of speedy drying cement. Chemia stosow 3 no.2:225-246 '59.

1. Katedra Technologii Budowlanych Materialow Wiazacych, Akademia Gorniczo-Hutnicza, Krakow.

GRZYMKOWSKI, Ryszard

Certain problems concerning restriction of migration of village
youth.. Praca zabezp spol 6 no.11.6-13 N '64.

GRZYMOWSKI, Ryszard

Problems of educating and employing youth. ~~Praca~~ zabezp spol
6 no.4:1-15 Ap'64

GRZYMSKA, Zofia; PAWLOWSKA, Irena

Lambliasis as a cause of infantile diarrheas. Pol. tyg. lek. 17 no. 41:
1595-1598 8 0 '62.

1. Z Sanatorium Przeciwgruzlicznego dla Dzieci w Lagisznikach; dyrektor:
prof. dr med. Anna Margolisowa; ordynator: lek. med. Irena Szuster
kierownik laboratorium: mgr Irena Pawlowska.
(GIARDIASIS) (DIARRHEA INFANTILE)

GRZYWA, Anna; HEJWOWSKA, Wanda

Serological classification of *Corynebacterium diphtheriae* based on Robinson's and Peeney's standard types. Med. dosw. mikrob. 10 no.2: 205-211 1958.

1. Z Zakładu Bakteriologii PZH w Warszawie.

(*CORYNEBACTERIUM DIPHTHERIAE*,

serol. classif. according to Robinson's & Peeney's
standard types (Pol))

19593
S/081/62/000/010/077/085
B166/B144

15.9201
AUTHORS:

Kopytowski, Jerzy, Grzywa, Edward, Bylica, Bożena

TITLE:

Some properties of KER S 3012 styrene-butadiene rubber

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 10, 1962, 655, abstract
10P392 (Tworzywa wielkocząsteczkowe, v. 6, no. 6, 1961,
178-182)

TEXT: The mastication process of KER S 3012 rubber is studied in order to select the optimum plasticity and rate of mastication and to find the optimum physico-mechanical properties of the rubber. The kinetics of heat softening depend on the initial plasticity. Mastication is quickest with a Defo plasticity of ~1400. After such rubber has been kept in store for 2-3 months the sheets stick together. Increasing the amount of talc used for powdering does not prevent this. The lower limit for absence of sticking is a Defo plasticity of 1800. When KER S 3012 is masticated it retains its elastic properties even with relatively low plasticity; but too severe mastication is not desirable and losses of elasticity increase when a product showing high initial plasticity is

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Some properties of KER S 3012 ...

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masticated. Through some reduction in the content of phenyl- β -naphthyl-amine in the rubber (bringing it down to 2-3%) the mastication process can be accelerated by 30%. Blends of KER S 3012 rubber are easily prepared, the sheeting clings well to the rolls, the rubber mixes well with all the components. [Abstracter's note: Complete translation.]

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GRZYWA, Roman

Cost of shutdown of machines and equipment in the paper industry.
Przegl papier 18 no.2:54-56 F '62.

1. Mikolowskie Zaklady Papiernicze, Mikolow.

WALECKI, Henryk; GRZYWA-KRASZENSKA, Anna

Diagnostic value of the agglutination reaction in diphtheria. Med.
dosw.mikrob. 12 no.4:351-357 '60.

1. Z Zakladu Bakteriologii PZH w Warszawie.
(DIPHTHERIA diag)
(HEMAGGLUTINATION)

GRZYWACZ, J.

B

POLAND/Physical Chemistry. Crystals.

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 73105.

Author : M. Czajkowski, J. Grzywacz

Inst : Academy of Sciences of Poland.

Title : Dependence of Fluorescence Polarisation Degree on
Concentration of Luminescent Molecules in Plexi-
glass Phosphors.

Orig Pub: Bull. Acad. polon. sci. ser. sci. math., astron. et
phys., 1958, 6, No 2, 107-111.

Abstract: Solid solutions of naphthalene and eosin in meta-
cryn methyl were prepared in order to study the
dependence of the fluorescence polarization
degree on the dye concentration. A rise of the
polarization degree with the rise of the dye con-

Card : 1/2

COUNTRY : POLAND
 CATEGORY : Physical Chemistry. Molecule. Chemical Bond.
 ABS. JOUR. : RZKhim., No. 1 1960, No.134
 AUTHOR : Grzywacz, J.
 INST. : Polish AS
 TITLE : The Influence of Torsional Vibrations of Luminescent Molecules on the Fundamental Polarization of Fluorescence
 ORIG. PUB. : Bull. Acad. polon. sci. ser. sci. math., astron. et phys., 1958, 6, No 11, 705-712, LVI
 ABSTRACT : The influence of temperature upon the magnitude of the fundamental polarization (P_0) of a solid solution of anthracene (I) in methyl methacrylate at a concentration of 10^{-5} - 10^{-3} g/cm³ was studied. The measurements were conducted at temperatures of 295° and 125 K. The magnitude of P_0 was determined according to the point of intersection of the graph of the dependence of $1/P$ on the concentration with the axis of ab-

CARD:

1/2

B-4

COUNTRY :
 CATEGORY :
 ABS. JOUR. : RZKhim., No. 1 1960, No.134
 AUTHOR :
 INST. :
 TITLE :
 ORIG. PUB. :
 ABSTRACT : cissas for a given temperature. P_0 of I is equal to 27.8% for 125°K and 26.6% for 295°K. The result confirms the theoretical assumptions of Jablonski (Jablonski, A., Acta phys. polon., 1950, 10, 193).--- V. Vermolayev

CARD:

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GRZYWACZ, J

GRZYWACZ, J.; KAWSKI, A.; POLACKI, Z.

On the photoluminescence of fluorescein in methyl polymethacrylate.
Bul Ac Pol mat 8 no.3:187-190 '60. (EEAI 9:11)

1. 1st Department of Physics, Technical University, Gdansk and
Physics Department, Normal Pedagogic School, Gdansk, Presented by
A.Jablonski.

(Luminescence)
(Fluorescein)
(Methyl methacrylate)
(Polymers and polymerization)

GRZYMACZ, Jerzy

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and temperature. Matem fiz chem Gdansk 2 67-79 '62.

1. Physics Department, School of Education, Gdansk.

GRZYMACZ, Jerzy

Studies on the dependence of fluorescence polarization on the concentration of dyes in rigid solutions. Matem fiz chem Gdansk 2 81-84 '62.

1. Physics Department, School of Education, Gdansk.

GRZYWACZ, J.; ICIEK, A.

Absorption spectra of eosine in methyl methacrylate. Bul Ac
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1. Department of Physics, Normal School, Gdansk. Presented
by A. Jablonski.

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Spectral investigation of eosine in methyl polymethacrylate.
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1. Department of Physics, Normal School, Gdansk. Presented by
A. Jablonski.

GRZYWACZ, J.; POHOSKI, R.

Emission and polarization spectra of eosine. Bul Ac Pol
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1. Department of Physics, Normal School, Gdansk. Presented by
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The phosphorescence of plexi gas phosphors in liquid air.
Acta physica Pol 26 no.3/4:393-398 S-0 '64.

1. Department of Physics, Teachers' College, Gdansk.

10/24/1957
MOSKWA, W.: GRZYWACZ, M.

Reaction of animals irradiated with roentgen rays to certain narcotics.
Acta physiol. polon. 8 no.3:470-471 1957.

1. Z Zakladu Biologii A. M. w Lodzi Kierownik: z-ca prof. dr
R. Kadiubowski.

(ROENTGEN RAYS, effects,
on narcotic reactions in white mice (Pol))
(NARCOTICS, effects,
eff. of x-rays on reactivity (Pol))

MOSKWA, Walenty; GRZYWACZ, Marian

Reaction to narcotics of organisms irradiated by roentgen
and ultraviolet rays. Polski tygod lek 15 no.11:377-380 14 Mr '60.

1. Z Katedry Biologii i Parazytologii Lekarskiej A.M. w Lodzi;
kierownik: s. prof. dr med. Roscislaw Kadlubowski.
(HYPNOTICS AND SEDATIVE pharmacol.)
(RADIATION EFFECTS)
(ULTRAVIOLET RAYS)

GRZYWACZ, M.

TECHNOLOGY

Periodicals: NORMALIZACJA. Vol. 26, no. 10, Oct. 1958

GRZYWACZ, M. Technical lettering of machine drawing from a new aspect.
Pt. 1. (To be contd.) p. 469"

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February 1959, Unclass.

GRZYBACE, P.

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KADLUBOWSKI, R.; GRZYWACZ, M.

Reversible activity of autonomic drugs under the influence of
3,12--dihydroxycholeic acid. Acta physiol.polon. 11 no.5/6:751-752
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(BILE ACIDS AND SALTS pharmacol)

(AUTONOMIC DRUGS pharmacol)

KADLUBOWSKI, Rossislaw; GRZYBOWSKI, Marian

The antihelminthic action of some glycols. Wlad parazyt. 10
no.4:438-440 1964

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Lodz.

GRZYWACZ, R.

Concrete pavements in the German Federal Republic. p. 135
(DROGOWNICTWO Vol. 12, No. 6, June, 1957, Warsaw, Poland)

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

GRZYWACZ, R.

Roadbeds for concrete surfaces in the German Federal Republic.

P. 231 (Drogownictwo. Vol. 12, no. 10, Oct. 1957, Warsaw, Poland)

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

GRZYWACZ., R.

Forest roads improved with cement. p. 51.

SYLWAN. (Wydział Nauk Rolniczych i Lesnych Polskiej Akademii Nauk i Polskie Towarzystwo Lesne) Warszawa, Poland Vol. 101, no. 8, Aug. 1957.

Monthly list of East European Accessions Index (EEAI), LC, Vol. 8, no. 6,
June 1959
uncla.

GRZYWAGZ, Ryszard, mgr inż.; JASKIEWICZ, Zbigniew, mgr. inż.; PYTLEWSKI,
Zdzisław, mgr inż.

Asphalt pavements of airports and their roughness. Techn
lotn 18 no. 11:315-320 N°63.

2A GRZYWIECZ, T

12

This examination of cheese by means of ultraviolet rays.
T. Grzywacz. *Przemysł Rolny i Spółwzrost* 8, 104-12 (1949).

The color of the fluorescent light produced by ultraviolet illumination is characteristic for every type of cheese and for its age and the content of fat and whey. This method could be useful in semiquant. detection of the adulteration of sheep cheese with cow milk. Spectrophotometric measurement of the fluorescent light could make the method more exact.

W. Seybalski

1951

GRZYWACZEWSKI, Zbigniew, mgr inż.

"Under Polish colors" by Jerzy Micinski, Stefan Kolicki.
Reviewed by Zbigniew Grzywaczewski. Bud okretowe Warszawa 7
no.9:313 S '62.

GRZYWACZEWSKI, Z.

Grzywaczewski, Z. Fire-Fighting Service on Ships.
"Współczesny pożar na statkach". Gdańsk, 1981, Wyd. Morskie, 102
803 pp., 149 figs.
Main sections: 1) Endangering of the fire-fighting service on ships.
2) Fire danger in ships. 3) Prevention of fire on ships. 4) Fundamental
knowledge of combustion. 5) Fire-fighting means. 6) Fire-fighting ap-
pliances. 7) Fire-fighting installations in ships. 8) Organization of the
fire-fighting service on ships. 9) Fire-fighting tactics. 10) Legislation.

GRZYNACZEWSKI, Z.

"Protection of ships against fire." p. 454. (OCHRONA PRACY; BEZPIECZENSTWO I
HIGIENA PRACY, Vol. 3, no. 12, Dec. 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 5, May 1954, Uncl.

GRZYWACZEWSKI, Z.

From keel to mast. p.5

PRZEGLAD TECHNICZNY. (Naczelna Organizacji Techniczna) Warszawa, Poland
Vol.80, no.16, Apr. 1959

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Uncl.

GRZYWACZEWSKI, Z.

Polish shipbuilding. 1. 1.

PRZYKŁAD TECHNICZNY. (Główna Organizacja Techniczna) Warszawa, Poland.
Vol. 80, no. 22, June 1959.

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Uncl.

GRZYWACZEWSKI, Z.

10-year achievement of shipbuilding; shipyards are millionaires. p.7

PRZEGLAD TECHNICZNY. (Naczelna Organizacja Techniczna) Warszawa, Poland
Vol.80, no.44, Nov. 1959

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Uncl.

GRZYWACZEWSKI, Zbigniew, mgr., inż.

Fire safety of ships. Bud okretowe Warszawa 6 no.11:346-347 '61.

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(Ships)