

POSPISIL, Alois; NOVOTNY, Zdenek; ZATOCIL, Frant.

Audiometric examination in occupational hearing disorders caused by noise. Pracovni lek.12 no.8:430-435 0'60.

1. Vedecka ORL laborator CSAV a ORL klinika v Praze, vedouci laboratore a prednosta kliniky akademik Ant.Precechtel.

(AUDIOMETRY)

(NOISE)

POSPISIL, A.; ZATOCIL, F.

Development and use of electroacoustical hearing aid. Acta univ. carol.
[Med] no.8:791-810 '60.

1. Usni, nosni a kroni klinika fakulty vseobecneho lekarstvi University
Karlovy, prednosta akademik A. Precehtel Vedecka otorinolaryngologicka
laborator CSAV pri Univerzite Karlove, vedouci akademik A. Precehtel.

(HEARING AIDS)

ZATOCIL, Frantisek; POSPISIL, Alois; NOVOTNY, Zdenek

Acoustic analysis of shops highly exposed to noise. Pracovni lek.
14, no.1:32-36 '62.

1. Otolaryngologicka laborator CSAV, vedouci akademik Antonin Precechtel
Klinika nemoci usnich, nosnich a krcnich v Praze, prednosta akademik
Antonin Precechtel.
(NOISE) (INDUSTRIAL MEDICINE)

ZATOCIL, Frantisek; TOMANEK, Rostislav; KONECNY, Lumir

Analysis of noise and recommendations for the prevention of hearing disorders in shops housing ultracentrifuges. Prac. lek. 14 no.3:136-138 Ap '62.

1. Otolaryngologicka laborator CSAV, vedouci akademik Antonin Precechtel ORL klinika fakulty vseobecneho lekarstvi Karlovy univeristy v Praze, prednosta prof. dr. Karel Sedlacek.
(DEAFNESS prev & control) (NOISE)
(OCCUPATIONAL DISEASES prev & control) (CENTRIFUGATION)

ZATOCIL, G.

ZATOCIL, G. Equipment for continuous production of dehydrated castor oil. p. 498

Vol. 7, no. 11, 1956
PRUMYSL POTRAVIN
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession, Vol. 6, No. 2, 1957

ZATOCIL, Gustav, inz.

Measuring the static and dynamic force in the automation of
chemical industries. Tech prace 14 no.7:550-553 JI '62.

1. Zavodni pobočka Československé vědecko-technické společnosti
Spolku pro chemickou a hutní výrobu, n.p., Ústí nad Labem.

Distr: 4E2d

eg
11
gt
~~Continuous reaction of liquids with gases. Gustav Zatočil and Vladimír Slavětínský. Czech. 87,715, Oct. 16, 1968. In the described app. the liquid, possibly with suspended catalyst, is sprayed by means of a nozzle in the form of a fine mist by the force of the gas required for the reaction.~~
D. S. Katic

3
1

CZECHOSLOVAKIA

Lt Col Vladimír MALCIK, MD, Institute of Flight Medicine (Ústav leteckého zdravotnictví) and Ing. František ZATOCIL, OEL Laboratory of the Czechoslovak Academy of Sciences (ORL laborator ČSAV [Československá Akademiá Ved].) Prague.

"Study of Auditory Fatigability During Exposure to Plane Engine Noise by Using Verbal Flight Audiometry."

Prague, Vojenské Zdravotnické Listy, Vol 31, No 5, Oct 67; pp 196-198.

Abstract : Study in 20 persons with normal hearing exposed to noise reproduced on tape and amplified to 100 dB for 30 or 60 minutes; no significant change in tonal or perception or distinction of words. Thus, it can be assumed that flight safety is not threatened by loss of hearing ability of flight personnel due to engine noise. Seventeen references; 10 Czech include 1 thesis, 1 'in press'; 6 Western, 1 Yugoslav.

1/1

CZECHOSLOVAKIA

ZATOCIL, O., Institute for the Hygiene and Technology of Foods, Veterinary Faculty of the Agricultural College, Head Asst. Prof. S. Matyas (Ustav hygieny a technologie potravin Veterinarni fakulty VSZ, vedouci doc. MUDr Zd. Matyas), Brno.

" Nitrites as the Cause of Color Defects of Smoked Meats."

Prague, Veterinarni Medicina, Vol. 8, No. 2, 63, pp 135-142.

Abstract: The green discoloration of smoked meat not due to microbiological changes is caused by the reduction of hemoproteins by nitrites. The oxydation pattern is similar to the pattern of microbiological oxidation.
2 Tables, 26 Western, 14 Czech references.

L41

ZATOCIL, O.; VONDRKA, V.

Brine and the phenomeon of sliming. p. 339.

Vol. 6, no. 7, 1955

PRUMYSL POTRAVIN. Praha.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

CZECHOSLOVAKIA

ZATOCIL, Oldrich, MVDr, CSc; HOLEC, Josef, MVDr, CSc; IZAK, Stefan, Doc., MVDr

1. No affiliation but city of Brno (for Zatocil, Holec); 2. No affiliation but city of Kosice (for Izak)

Brno, Veterinarstvi, No 3 [March] 1967, pp 97-99

"Present and future problems of chemistry and biochemistry in hygiene of food."

CZECHOSLOVAKIA

C/0077/65/000/010/0472/0475

AUTHOR: Gilka, J. (Doctor of veterinary medicine)(Brno); Zatocil, O. (Brno)

ORG: none

TITLE: Possibilities of spreading hoof and mouth disease through meat products

SOURCE: Veterinarstvi, no. 10, 1965, 472-475

TOPIC TAGS: virus, foot and mouth disease, disease control, epidemiology, processed animal product

ABSTRACT: The article reviews what is known about the possibilities and dangers of spreading hoof and mouth disease through meat products which carry the virus from animals infected with the disease before being slaughtered. This type of contagion is the most important epidemiological factor in the spread of hoof and mouth disease. Data on the occurrence and stability of the virus in the flesh and organs of animals slaughtered for meat in experimental animals are not simple because the survival of the virus is affected by a number of factors. The article discusses the published data at some length and also discusses factors and conditions to be considered in storing meat. Orig. art. has: 1 table.

1/1

L 39620-66 T JK/GD-2

ACC NR: AP6003462

SOURCE CODE: CZ/0077/65/000/010/0472/0475 7

AUTHOR: Gilka, J. (Doctor of veterinary medicine) (Brno); Zatočil, O. (Brno) E

ORG: none

TITLE: Possibilities of spreading hoof and mouth disease⁶ through meat products

SOURCE: Veterinarstvi, no. 10, 1965, 472-475

TOPIC TAGS: virus, ~~foot and mouth disease, disease control, epidemiology, processed animal product~~
~~foot and mouth disease, disease control, epidemiology, pro-~~
cessed animal product

ABSTRACT: The article reviews what is known about the possibilities and dangers of spreading hoof and mouth disease through meat products which carry the virus from animals infected with the disease before being slaughtered. This type of contagion is the most important epidemiological factor in the spread of hoof and mouth disease. Data on the occurrence and stability of the virus in the flesh and organs of animals slaughtered for meat in experimental animals are not simple because the survival of the virus is affected by a number of factors. The article discusses the published data at some length and also discusses factors and conditions to be considered in storing meat. Orig. art. has: 1 table.

SUB CODE: 06/02/SUBM DATE: none

Card 1/1 MLP

ZATOCIL, Oldrich, MVDr. CSc.

Nitriton, the cause of color defects of smoked meat products.
Veter medicina 8 no.2:135-142 Mr '63.

1. Institute of Hygiene and Technology of Food, Faculty of
Veterinary Medicine, Higher School of Agriculture, Brno.
Head of the Institute [doc. MVDr.] Zdenek Matyas.

L 23070-66 EWT(d)/FSS-2/EWP(v)/EWP(k)/EWP(h)/EWP(l)

ACC NR: AP6011241

SOURCE CODE: UR/0413/66/000/006/0079/0079

INVENTOR: Mamkin, V. M.; Rabinovich, V. A.; Zatoka, L. I.; Sharf, Ye. M.

ORG: none

TITLE: Digital television pickup of the linear dimensions and the position of luminous objects. Class 42, No. 179937 [announced by the Scientific Research Institute of Heavy Machine Building (Nauchno-issledovatel'skiy institut tyazhelogo mashinostroyeniya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 79

TOPIC TAGS: TV recorder, measuring instrument, optic measurement, visual signal, remote control, automatic control.

ABSTRACT: An Author Certificate has been issued for a digital television pickup of the linear dimensions and the position of luminous objects, e.g., hot-rolled iron. The pickup contains fiber-optical light guides, a television tube, and a light-guide logical scanner. To increase the speed of response and eliminate errors due to the entrance of foreign objects onto the field of vision, the logical scanner is constructed in such a way that higher-order numerical quantities are read out before those of a lower order. This is achieved by beam deflection of the pickup tube - at first in the vertical direction and then after the appearance of the first darkened light guide in the horizontal direction. Orig. art. has: 1 figure. [KM]

SUB CODE: 09/ SUBM DATE: 05Nov64/ ATD PRESS: 4234
Card 1/1

PTASHOK,S.; ZATOKOVENKO, A.; PEYTERBARG,S.

In the Medical Council of Floreshty District. Zdravookhraneniye
6 no.1:62-63 J-F'63. (MIRA 16:8)

1. Glavnyy vrach Floreshskogo rayona, Moldaviya (for Ptashok).
 2. Zamostitel' glavnogo vracha po sanitarno-epidemiologicheskogo chasti Floreshtskogo rayona, Moldaviya (for Zatokovenko).
 3. Predsedatel' Floreshtskogo rayonnogo komiteta Krasnogo Kresta, Moldaviya (for Peyterbarg).
- (FLORSHTY DISTRICT--PUBLIC HEALTH, RURAL)

PTASHOK, S.; ZATOKOVENKO, V.; SHELOCHER, A.

Carrying out measures for the improvement of sanitation in
medical institutions. Zdravookhraneniye 3 no.2:62-64 Kr-AP
'60. (MIRA 13:7)

1. Glavnyy vrach Floreshtskogo rayona (for Ptashok). 2. Zam-
stitel' glavnogo vracha po sanitarno-epidemiologicheskoy chasti
(for Zatokovenko).

(FLORESHTY--MEDICAL CENTERS--SANITATION)

ZATOKOVENKO, V. A.

Mbr., Inst. Earth's Crust, Leningrad Order Lenin State Univ. in. Bidnev, 1941.

"Essential Geological Features of the Intrusive Complex in the Neighborhood of the Yatyrgvarta Mountain in the Northern Caucasus," Dok. AN, 32, No. 4, 1941;

"Essential Features of the Petrology of the Intrusive Complex in the Neighborhood of the Yatyrgvarta Mountain in the Northern Caucasus," Dok. AN, No. 9, 1941.

ZATOKOVENKO, V M

Name/Author

Text

Abstract

Title

Periodical : Vest. svyazi 9, page 32, Jan 1954

Abstract : In a letter to the editor the author suggests the standardization of

Institution : ...

Submitted : ...

ZATOKOVENKO, V.M., glavnyy inzhener peredayushchego radiotsentra.

Major repair of transmitters. Vest.sviazi 14 no.9:32 S '54.
(Radio--Transmitters and transmission)(MLRA 7:10)

ZATOLOKIN, F. D.

Copper content in the blood in lupus erythematosus. Vest. dermat. i ven. 36 no.7:28-31 J1 '62. (MIRA 15:7)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. - prof. A. A. Kroychik) i kafedry biokhimii (nauchnyy konsul'tant prof. A. O. Voynar) Donetskogo meditsinskogo instituta (dir. - dotsent A. M. Ganichkin)

(COPPER IN THE BODY) (LUPUS ERYTHEMATOSUS--BLOOD)

DEM'YANENKO, D. V., kand. med. nauk; ZATOLOKIN, F. D., assistent

Treatment of syphilis with bicillin. Vest. dermat. i ven. 36
no. 6:55-56. Je '62. (MIRA 15:6)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. - prof.
N. A. Torsuyev) Donetskogo meditsinskogo instituta (rektor -
dotsent A. M. Ganichkin)

(SYPHILIS) (BICILLIN)

ZATOLOKIN, F.D.

Use of staphylococcal anatoxin A2 in the treatment of pyoderma in miners. Sov.med. 23 no.4:130-131 Ap '59. (MIRA 12:6)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. - prof. A.A.Kroychik) i kafedry mikrobiologii (zav. - dotsent L.R. Kolomoyshev) Stalinskogo meditsinskogo inatituta (dir. - dotsent A.M.Ganichkin).

(MICROCOCCLUS PYOGENES,

anatoxin A2, ther. of pyoderma in miners (Rus))

(PYODERMA, ther.

micrococcal anatoxin A2, in miners (Rus))

(MINING,

pyoderma in miners, micrococcal anatoxin A2 ther. (Rus))

ZATOLOKIN, F.D.; FODERMAN, M.N.

Treatment of lupus with resochin. Vrach. delo no.8:116 Ag '60.
(MIRA 13:9)

1. Klinika kozhnykh i verericheskiykh bolezney (zav. - prof. A.A.
Kroychik) Stalinskogo meditsinskogo instituta.
(LUPUS) (QUINOLINE)

ZATCLOKIN, F.D.

Treatment of cutaneous tuberculosis with phtivasid administered inter-
mittently. Probl. tub. 35 no.6:50-54 '57. MIRA 12:1)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. - prof. A.A.
Kroychik) Stalinskogo (Donbass) meditsinskogo instituta (dir. - dots.
A. M. Ganichkin).

(TUBERCULOSIS, CUTANEOUS, ther.

N(4-hydroxy-3-(methoxy) benzal isonicotinic acid hydrazone
(Rus))

TARASOV, N.Ya.; ZATOLOKIN, Ye.Ya.; BOZHKO, Ye.A.

Spectrum method for the determination of the sodium and
calcium content of BK babbitts. Fiz.sbor. no.4:434-435
'58. (MIRA 12:5)

(Babbitt metal--Spectra)

ACC NR: AT7004080

SOURCE CODE: UR/3244/66/000/004/0077/0079

AUTHOR: Levchenko, A.I.; Zatulokin, Ye. I.

ORG: Tambov Scientific Research Institute of Chemicals (Tambovskiy nauchno-issledovatel'skiy institut khimikatov); Ukrainian Polytechnic Correspondence Institute (Ukrainskiy zaachnyy politekhnicheskii institut)

TITLE: Vinyl derivatives of phenanthrene

SOURCE: Dnepropetrovsk. Khimiko-tehnologicheskii institut. Khimicheskaya tekhnologiya, no. 4, 1966, 77-79

TOPIC TAGS: vinyl phenanthryl ether, vinylation, water resistant resin, VINYL COMPOUND, ETHER, PHENANTHRENE, CHEMICAL SYNTHESIS

ABSTRACT: The possibility of preparing vinyl ethers of 2- and 3-phenanthrols by the Favorskiy-Shostakovich method (Zhurnal organicheskoy khimii, 13, 1, 1943) and the effect of temperature, pressure, reactant ratio, solvent, and catalyst on the yield of the ethers and on the rate of the vinylation of the phenanthrols was studied. Vinyl 2-phenanthryl ether (bp 125 C, n_D^{20} 1.656, d_4^{20} 1.105) was obtained (56%) by

Card 1/2

UDC: none

ACC NR: AT7004080

heating the reaction mixture (19.4 g 2-phenanthrol; 4.5 g KOH; 35 g calcium carbide; 45 ml H₂O, and 100 ml benzene) in an autoclave for 8 hr at 24-30 atm gauge and 210 C. Vinyl 3-phenanthryl ether (bp 140°C, n_D²⁰ 1.653, d₄²⁰ 1.106) was obtained (59%) under similar conditions at 190 C and 21-28 atm gauge. These ethers are readily polymerized to form water-resistant resins. The monomers may be used in the preparation of synthetic resins, drugs, and electric insulators. [PS]

SUB CODE: 07/ SUBM DATE: none/ ORIG REF: 005/ OTH REF: 003/
ATD PRESS: 5114

Card 2/2

Zatolokin, Ye. Ya.

24(7) 807/AT00

PLATE I BOOK EXPLOITATION

L'vov, Universitet

Materialy X Vsesoyuznogo soveshchaniya po spektroskopii, 1956.
t. III: Atomnaya spektroskopiya (Materials of the 10th All-Union
Conference on Spectroscopy, 1956. Vol 3: Atomic Spectroscopy)
Moscovy Izd-vo L'vovskogo Univ., 1958. 568 p. (Series: Itz;
Naukovedcheskiy sbornik, v. 77. 4(9)). 3,000 copies printed.

Additional Sponsoring Agency: Akademiya nauk SSSR. Komissiya po
spektroskopii.

Editorial Board: G.S. Landsberg, Academician, (Resp. Ed.);
B.S. Reporent, Doctor of Physical and Mathematical Sciences;
I.M. Fubinskiy, Doctor of Physical and Mathematical Sciences;
V.A. Fubinskiy, Candidate of Technical Sciences; S.M. Rayzskiy,
G.D. Korotkiy, Candidate of Physical and Mathematical Sciences;
L.K. Klimovskiy, Candidate of Physical and Mathematical Sciences;
V.D. Rilyayevskiy, Candidate of Physical and Mathematical Sciences;
A.Ye. Ginzburg, Doctor of Physical and Mathematical Sciences;
M.I. S.L. Gazar, Tech. Sci.; N.V. Sazunov.

PURPOSE: This book is intended for scientists and researchers in
the field of spectroscopy, as well as for technical personnel
using spectrum analysis in various industries.

COVERAGE: This volume contains 177 scientific and technical studies
of atomic spectroscopy presented at the 10th All-Union Confer-
ence on Spectroscopy in 1956. The studies were carried out by
members of scientific and technical institutes and include
extensive bibliographies of Soviet and other sources. The
studies cover many phases of spectroscopy: spectra of rare earths,
electromagnetic radiation, physicochemical methods for controlling
uranium production, optical and technology of gas discharge,
optics and spectroscopy, abnormal dispersion in metal vapors,
spectroscopy and the combustion theory, spectrum analysis of ores
and alloys, photographic methods for quantitative spectrum
analysis of metals and alloys, spectral determination of the
hydrogen content of metals by means of isotopes, tables, and
atlases of spectral lines, spark spectrographic analysis,
statistical study of variation in the parameters of calibration
curves, determination of traces of metals, spectrum analysis in
metallurgy, thermochemistry in metallurgy, and principles and
practice of spectrochemical analysis.

Card 2/31

Materials of the 10th All-Union Conference (Cont.)	807/AT00
Kuranov, A.A., and M.F. Mukha. Spectral Method for the Analysis of Gold of High Purity by the Absolute Intensities of the Analytical Lines	421
Babintsev, B.D. Operating Experience of the Spectral Laboratory of the "Tsvetmetnikel" Combine	422
Ginzburg, V.L. Spectrum Analysis of Cobalt	423
Vituhbinskiy, I.M. Spectrum Analysis of Nickel With the Aid of Cast Electrodes Under Spark Conditions of the DO-1 Generator	426
Yerlablin, L.S., and Ye.V. Kopteva. Some Practical Methods for the Spectrum Analysis of Bronze Containing Tin	429
Azarov, I.G., and I.V. Kuzmina. Spectrum Analysis of Al - Mn. Al - Co, and Al - Be Hardeners	432
Yarov, M.Ya., Ye.Ya. Zatolokin, and Ye.A. Borzko. Spectral Method for the Determination of Sodium and Calcium Content in BK Rabbitt	433

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ZATOLOKINA, V. A.

15-57-10-14522

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10,
pp 190-191 (USSR)

AUTHOR: Zatolokina, V. A.

TITLE: A Method of Exploration and Prospecting for Blind
Lead-Zinc Ore Bodies in Carbonate Rocks (as exemplified
in the Achisay Deposit) (Metodika poiskov i razvedki
slepykh polimetallicheskih rudnykh tel, zalegayushchikh
v karbonatnoy tolshche, na primere Achisayskogo mesto-
rozhdeniya)

PERIODICAL: Sov. geologiya, Nr 53, 1956, pp 64-68

ABSTRACT: The region of the Achisay deposit is composed of Paleozoic sedimentary rocks which are crumpled by folds. The lead-zinc mineralization occurs in synclines that trend easterly over an area of approximately 30 km². The ore bodies, associated with faults, are steeply dipping bodies, branching veins, and interformational deposits. They range from a few tens of meters to 200 m across and from 0.5 m to 30 m in thickness. A

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15-57-10-14522

A Method of Exploration and Prospecting (Cont.)

majority of the deposits occur at depths of 200 m to 400 m. A regional method of exploratory-prospecting surveying is described. The survey is conducted by drill holes to a depth of 350 m to 550 m on a net of 200 m by 60 m. This permits discovery of all the steeply dipping bodies and the formulation of a view on the structure of the ore-bearing syncline, a view that may direct the trend of detailed exploratory work. New deposits near already tested deposits are discovered by drilling small horizontal holes from mine workings. They are placed about 50 m apart along each ore horizon and about 30 m apart vertically. Detailed exploration involves outlining the ore bodies by a 30 m by 30 m network of drifts and by later supplementary drilling on a 15 m by 15 m net. Small pipe-like bodies are explored by a more concentrated fan-arrangement of small vertical drill holes. The spacing between separate fans is 15 m to 20 m, and between holes 5 m to 7 m. Small pipe-like bodies with a cross section up to 0.5 m² or 1 m² are encountered in the mine workings and are mined out during ordinary operation. Up to the present, deep exploratory drilling on a

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15-57-10-14522

A Method of Exploration and Prospecting (Cont.)

selected net with relatively close spacing along the north-south line has been the only method employed in searching for blind ore bodies in the Achisay deposit.

Card 3/3

I. D. Gol'denberg

ZATOLOKINA, V.A.

Methods of prospecting for blind polymetallic ore bodies lying in carbonate formations such as the Achisay deposits. Sov. geol. no.53: 64-68 '56. (MLRA 10:4)
(Achisay--Ore deposits) (Prospecting)

KUBICKI, Stefan; ZATON-DITKOWSKA, Graszyna

Clinical analysis of 200 cases of gastrointestinal hemorrhage.
Polskie arch. med. wewn. 31 no.7:953-964 '61.

1. Z Oddziału Wewnętrznego Centralnego Szpitala Klinicznego MSW w
Warszawie Kierownik Oddziału: prof. dr med. S. Kubicki.

(HEMORRHAGE GASTROINTESTINAL statist)

KUBICKI, Stefan, ZATON-DITKOWSKA, Grazyna

Bilateral necrosis of the renal cortex; clinical aspects in connection with an observed case. *Polskie arch.med.wewn.* 28 no.2:253-264 1958

1. Z Oddziału Wewnętrznego Centralnego Szpitala Klinicznego MSW w Warszawie Ordynator; prof. dr med. S.Kubicki. Adres autora: Warszawa Al. Prądyjació1 1 m. 10.

(KIDNEY DISEASES,

necrosis of cortex caused by attempted criminal abortion, pathol. (Pol)

(ABORTION, CRIMINAL, complications,

necrosis of kidney cortex in attempted abortion, pathol. (Pol)

BLAZEWSKA, Maria; ZATONSKA, Izabella

A case of reno-peritoneal fistula and anuria during the course of renal tuberculosis. Polski tygod.lek. 15 no.40:1534-1537 3 0 '60

1. Z II Kliniki Chorob Wewnetrznych Akademii Medycznej w Lublinie; kierownik; prof. dr med. A.R.Tuszkiewicz i z Zakladu Radiologii Akademii Medycznej w Lublinie; kierownik: z-ca prof. dr. K.Skorzynski
(TUBERCULOSIS RENAL compl)
(ANURIA etiol)
(PERITONEUM dis.)

KOWALEWSKI, Jan; ZATONSKA, Izabela

Side effects and complications during the course of ACTH and corticosteroid therapy according to data of the 2d Clinic of Internal Diseases of the Academy of Medicine in Lublin. *Polskie arch. med. wewnetrz.* 30 no.10:1285-1290 '60.

1. Z II Klin. Chor. Wewn. A.M. w Lublinie Kierownik: prof. dr med. A.R. Tuszkiewicz.

(CORTICOTROPIN toxicol) (ADRENAL CORTEX HORMONES toxicol)

DEBOWSKA, Danuta; ZATONSKA, Izabella

Spontaneous regression of congenital goiter in a newborn infant.
Endokr. pol. 12 no.5:517-522 '61.

1. Oddzial Chirurgiczny Szpitala Dzieciecego w Lublinie Ordynator:
dr A.Naumik II Kliniki Chorob Wewnetrznych AM w Lublinie Kierownik:
prof. dr A.R.Tuszkiewicz.
(GOITER in inf & child) (INFANT NEWBORN dis)

ZATONSKA, Izabella

Results of the treatment of hypertension at *Maleczow*. *Ann. Univ.*,
Lublin sect.D 16:381-388 '61.

1. Z Katedry i II Kliniki Chorob Wewnętrznych Wydziału Lekarskiego
Akademii Medycznej w Lublinie i z Ośrodka Naukowo-Lecniczego w
Maleczowie Kierownik: prof. dr med. Alfred Tuszkiewicz.
(HYPERTENSION) (BALNEOLOGY) (DIET THERAPY)

POLAND

LYSANOWICZ-GZUCHRA, Zofia and ZATONSKA, Izabela: First Clinic of Internal Diseases (I Klinika Chorob Wewnętrznych) (Director: Prof. Dr. M. KEDRA) and the Second Clinic of Internal Diseases (Director: Prof. Dr. A. R. TUSZKIEWICZ) of the AM [Akademia Medyczna, Medical Academy] in Lublin

"Changes in the Lungs in Patients with Rheumatoid Arthritis."
Warsaw, Polski Tygodnik Lekarski, Vol 18, No 15, 8 Apr 63,
pp 542-546.

Abstract: [Authors' English summary modified] Authors cite changes in the lungs in patients with rheumatoid arthritis and report those observed in their clinics. Usually the arthritic changes pre-dated the pulmonary ones and did not disappear with the administration of antibiotics and corticoids. They recommend that serial radiograms of the lungs be taken for all patients with rheumatoid arthritis to facilitate early diagnosis and proper interpretation of the pulmonary changes. There are 15 references, of which one (1) is Polish, two (2) are German, three (3) French, and nine (9) English.

1/1

KOWALEWSKI, Jan; ZATONSKA, Izabella

Observations on the side effects of ACTH and corticoids. Ann.
Univ. Lublin sect. D 19:99-104 ' 64.

1. Katedra i II Klinika Chorob Wewnętrznych, Wydział Lekarski
AM w Lublinie (Kierownik: prof. dr. med. Alfred R. Tuszkiewicz).

TUSZKIEWICZ, Alfred R.; ZATONSKA, Izabella; TUMICKI, Adam

Side effects after application of antithyroid drugs in patients treated in the Second Clinic of Internal Diseases, Medical Academy and in the District Dispensary of Thyroid Diseases in Lublin. Ann. Univ. Lublin sect. D 19:279-283 ' 64.

I. Katedra i II Klinika Chorob Wewnętrznych, Wydział Lekarski AM w Lublinie (Kierownik: prof. dr. Alfred R. Tuskiewicz) i Wojewodzka Poradnia Chorob Tarczycy, Wojewodzka Przychodnia Specjalistyczna w Lublinie (Dyrektor: lek. Bronisław Włodarski).

ZATONSKA, Izabella

The renal clearance of certain amino acids in chronic pyelonephritis. Pol. arch. med. wewnet. 35 no.2:227-234 '65.

1. Z II Kliniki Chorob Wewnetrznych Akademii Medycznej w Lublinie (Kierownik: prof. dr. med. A.R. Tuszkiewicz) i z Centralnego Laboratorium Klinicznego PSK Nr.1 (Kierownik: doc. dr. med. T. Borkowski).

MESHCHERYAKOV, A.F., inzh.; PROVODIN, S.S., inzh.; KALINOVSKAYA, Ye.Ya.,
inzh.; SHOLOKHOV, A.N., inzh.; DUMESH, S.Ye., inzh.; SPIRINA,
Ye.I., inzh.; ZATONSKAYA, M.I., inzh.; ZARILOVA, T.A., teknik;
LITINA, L.A., teknik; SHECHERDYUKOV, Ya.I., otv. red.

[Index to an illustrated map of Moscow] Ukazatel' k illiustri-
rovannoi skheme Moskva. Moskva, 1957. 47 p. (MIRA 15:2)

1. Moscow. Arkhitekturno-planirovochnoye upravleniye.
(Moscow--Directories)

MESHCHERYAKOV, A.F., inzh.; PROVODIN, S.S., inzh.; KALINOVSKAYA, Ye.Ya.,
inzh.; SHOLOKHOV, A.N., inzh.; DUMESH, S.Ye., inzh.; SPIRINA, Ye.I.,
inzh.; ZATONSKAYA, M.I., inzh.; ZARILOVA, T.A., tekhnik; LITINA,
L.A., tekhnik; SHERDYUKOV, Ya.I., otv. red.

[Index to an illustrated map of Moscow] Moskva; ukazatel' k il-
liustrirovannoi skheme. Moskva, 1957. 47 p. (MIRA 14:9)

1. Mosgorgeotrest, Moscow.
(Moscow—Maps—Indexes)

ZATONSKAYA, N.V.
SREBRYANIK, B.Ye.; ZATONSKAYA, N.V.

Some aspects of the clinical picture of the acute stage in tick-borne encephalitis [with summary in French]. Zhur.navr. i psikh. 57 no.3:300-303 '57. (MLRA 10:6)

1. Kafedra nervnykh bolezney Khabarovskogo meditsinskogo instituta (sav. - prof. B.Ye.Serebryanik). (ENCEPHALITIS, EPIDEMIC, case reports, acute stage of Russian tick-borne (Rus))

ZATONSKI, Emil

A splint for exercises of the lower extremity in balanced traction and suspension. Chir. narzad. ruchu ortop. Pol. 28 no.7: 867-870 '63

1. Z Kliniki Ortopedycznej Akademii Medycznej w Lublinie (Kierownik Kliniki: prof. dr. St. Piatkowski).

ZATONSKI, Emil; PURSKI, Jerzy

Congenital absence of the pectoralis major muscle. Chir.
narzad. rucnu ortop. pol. 29 no.1:85-90*64

1. Z Kliniki Ortopedycznej AM w Lublinie; kierownik: doc.
dr. med. S. Piatkowski.

*

PURSKI, Jerzy; SKARGZ, Andrzej; ZATONSKI, Emil

Angioma of the anterior tibial muscle. Chir. narz. ruchu 24.no.1:
73-76 1959.

1: Z Kliniki Ortopedycznej A.M. w Lublinie Kierownik: doc. dr St.
Piatkowski. Lublin ul. Stadzica 11, Klinika Ortopedyczna.

(ANGIONA, case reports,
tibial musc. (Pol))

(LEG, neoplasms,
angioma of anterior tibial musc. (Pol))

ZATONSKI, Emil

Traumatic injuries of blood vessels of the leg and popliteal fossa. Chir. narzad. ruchu ortop. Pol. 29 no.2:159-164 '64.

1. Z Kliniki Ortopedycznej Akademii Medycznej w Lublinie
(Kierownik: doc. dr. med. St. Piatkowski).

ZATONSKI, Ewa

Effect of a static load on ununited thigh fractures. Chir. narz.
ruchu ortop. polska 26 no.6:703-707 '61.

1. Z Kliniki Ortopedycznej AM w Lublinie Kierownik: doc. dr.

S. Piatkoski.

(TIBIA fract & disloc) (FRACTURES UNUNITED)

ZATONSKI, Jan, mgr., ins.

Ferrites; an information. Rudy i metale 6 no.11:507-511 '61.

(Ferrite)

L 07856-67 ENT(1) GW

ACC NR: AP6028035

(N)

SOURCE CODE: UR/0025/66/000/005/0051/0051

AUTHOR: Zatonskiy, L. (Research associate); Lunarskiy, G. (Research associate)

ORG: Institute of Oceanography (Institut okeanologii)

TITLE: Operating principle of the sonic depth finder 10

SOURCE: Nauka i zhizn', no. 5, 1966, 51

TOPIC TAGS: underwater sound equipment , OCEAN FLOOR TOPOGRAPHY

ABSTRACT: Sonic depth finders with automatic depth recorders are used for obtaining continuous profiles of oceanic topography. The equipment essentially consists of a vibrator-transmitter and -receiver which converts the return signals to electric impulses, amplifiers and a recording device. The type FTAK-2P phototelegraphic recording apparatus "LADOGA", which determines the time between sending of the impulse and return of the signal from the bottom of the sea has been in use since 1960. "LADOGA" was designed to make more accurate measurements and provide an increased number of recordings. Sounding patterns of depths up to 375, 500 and 750 m can be recorded depending on the speed of the rotating drum. These sounding patterns are then deciphered and corrections are made, e.g. for the speed of sound in sea water, in order to construct a profile of the bottom. Orig. art. has: 4 figures.

SUB CODE: 20,08/ SUBM DATE: none

Card 1/1 bc

POSTEL'NIKOV, Ye.S.; ZATONSKIY, L.K.; AFREMOVA, R.A.; PEYVE, A.V., akademik,
glavnyy red.; PISHCHAROVSKIY, Yu.M., otv.red.; KUZNETSOVA, K.I., red.;
MENNER, V.V., red.; TIMOFEYEV, P.P., red.

[Tectonic development and structure of Indochina.] Tektoniches-
skoe razvitie i struktura Indokitaya. Moskva, Nauka, 1964. 92 p.
(Akademiya nauk SSSR. Geologicheskii institut. Trudy, no.108)

(MIRA 18.1)

ZATONSKIKH, A. T.; VISHNEVSKIY, B. P.

Machinery for upraise mining. Biul. tekhn. inform. Gos.
nauch. -issl. inst. nauch. i tekhn. inform., no. 12:19-22 '62.
(MIRA 16:1)

(Mining machinery)

USHAKOV, I.A., kand. tekhn. nauk; ALIKIN, Yu.K., inzh.; ZATONSKIKH, A.T.,
inzh.

Operating the PVV-2, PVV-3 and RUP-2 cutter-loaders. Sbor.
KuzNIUI no.10:52-70 '64. (MIRA 18:9)

ZATONSKIY, A.S.

How we carried out the review-competition on efficiency innovation
and inventors' work. Vest.sviazi 17 no.1:19 Ja '57. (MLEA 10:2)

1. Zamestital' nachal'nika Rostovskogo-na-Donu pochtasta.
(Rostov-on-Don--Postal service)

ZATONSKIY, A.S.; TARNOPOL'SKIY, G.M.; LARIONENKO, N.A.; OSTROUMOV, A.V.;
ZAKHAR'YANTS, V.H.; YAKOVLEV, G.P.; LOBANOV, T.F.; KUZNETSOV, P.F.;
MERKULOV, A.I.

Maximum satisfaction of the needs of the population is the most im-
portant duty of communication workers. Vest.svyazi 14 no.2:23-25 F '54.
(MLRA 7:5)

1. Nachal'nik otdela pochtovoy svyazi (for Zatenskiy). 2. Nachal'nik
otdela vnutrirayonnoy svyazi (for Tarnopol'skiy). 3. Zamestitel' nachal'-
nika telefonno-telegrafnogo otdela (Larionenko). 4. Nachal'nik telegrafa
(for Ostroumov). 5. Nachal'nik pochtamta (for Zakhar'yants). 6. Nachal'-
nik meshdugorednoy telefonnoy stantsii (for Yakovlev). 7. Glavnyy inzhener
oblastnogo upravleniya svyazi (for Lobanov). 8. Zamestitel' nachal'nika
oblastnogo upravleniya svyazi (Kuznetsov). 9. Nachal'nik oblastnogo uprav-
leniya svyazi (for Merkulov).
(Telecommunication)

BEZRUKOV, P.L.; ZATONSKIY, L.K.; SERGEYEV, I.V.

Mount Afanasii Nikitin in the Indian Ocean. Dokl. AN SSSR 139
no.1:199-202 JI '61. (MIRA 14:7)

Institut okeanologii AN SSSR. Predstavleno akademikom A.L.
Yanshinym.

(Indian Ocean--Submarine topography)

ZATONSKIY, L.K.

New data on the bottom relief of the Indian Ocean. Trudy Inst.
ocean. 64:158-181 '64. (MIRA 17:7)

ZATONSKIY, A.S.; TARNOPOL'SKIY, G.M.; LARIONENKO, N.A.; OSTROUMOV, A.V.;
ZAKHAR'YANTS, V.M.; YAKOVLEV, G.P.; LOBANOV, T.F.; KUZNETSOV, P.T.;
MERKULOV, A.I.

Maximum satisfaction of the needs of the population is the most im-
portant duty of communication workers. Vest.svyazi 14 no.2:23-25 P '54.
(MLRA 7:5)

1. Nachal'nik otdela pochtovoy svyazi (for Zatenskiy). 2. Nachal'nik
otdela vnutrirayonney svyazi (for Tarnopol'skiy). 3. Zamestitel' nachal'-
nika telefonno-telegrafnogo otdela (Larionenko). 4. Nachal'nik telegrafa
(for Ostroumov). 5. Nachal'nik pechtamta (for Zakhar'yants). 6. Nachal'-
nik meshdugorednoy telefonnoy stantsii (for Yakovlev). 7. Glavnyy inzhener
oblastnogo upravleniya svyazi (for Lobanov). 8. Zamestitel' nachal'nika
oblastnogo upravleniya svyazi (Kuznetsov). 9. Nachal'nik oblastnogo uprav-
leniya svyazi (for Merkulov).
(Telecommunication)

ZATONSKAYA, N. V.

"Certain Problems of the Clinical Picture of the Acute Period of Tick-Borne Encephalitis," by B. Ye. Serebryanik and N. V. Zatonskaya, Chair of Nervous Diseases, Khabarovskiy Medical Institute, Zhurnal Nevropatologii i Psikhatrii imeni S. S. Korsakova, Vol 57, No 3, Mar 57, pp 300-303

This article compares clinical picture of tick-borne encephalitis as described in recent years (1953-1955) with the clinical picture of this disease as reported in earlier years by various authors. The following clinical manifestations are discussed: the meningeal syndrome, frequency and characteristics of the bulbo-pontine syndrome, characteristics of the poliomyelitic syndrome, the meningo-radicular syndrome, and a severe course in the acute period. Studies of the acute period were divided into three sections: renewed temperature increases; slight symptoms of hemiparesis; and the cerebellar syndrome. Seven case histories are presented to illustrate these conditions

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The article concludes on the basis of these studies that the clinical picture of tick-borne encephalitis in Khabarovskiy Kray has remained much the same as that evidenced in the years immediately following the discovery of the disease. Certain tendencies toward change were, however, observable: (1) change in localization from the cerebrum, manifested by the rarity and decreased severity of the purely poliomyelitic form, to the spinal column; (2) frequent occurrence of a polyradiculoneuritic form, sometimes accompanied by neuritis of the facial nerve; (3) a more pronounced cellular-meningeal reaction; (4) a prolonged acute period with a two-wave febrile period and the appearance of renewed symptoms during the period from the second to the fourth week. The authors recommend serum therapy not only on the first day of the disease but also later in view of the prolonged activity of the virus and the gradual antibody output. (U)

54m.1374

PIATKOWSKI, Stanislaw; WOSKO, Ignacy; ZATONSKI, Emil

Surgical treatment of paralysis and deformities caused by poliomyelitis
in children. Chir. narz. ruchu 13 no.2:89-96 1958.

1. Z Kliniki Ortopedycznej A. M. w Lublinie Kierownik: doc. dr St.
Piatkowski. Adres autorow: Lublin, ul Staszica 11, Klinika Ortopedyczna.
(POLIOMYELITIS, complications
paralysis & deform. of legs in child, surg. ther. (Pol))

ZATONSKI, Emil

KAMINSKI, Jozef; WOSKO, Ignacy; ZATONSKI, Emil

Deformities of the lower extremities caused by poliomyelitis. Chir. narz. ruchu 13 no.2:97-103 1958.

1. Z Kliniki Ortopedycznej A. M. w Lublinie Kierownik: doc. dr St. Piatkowski. Adres Autorow: Lublin, ul. Staszica 11, Klinika Ortopedyczna.
(POLIOMYELITIS, complications
deform. of legs in child., mechanism of develop. & ther. (Pol))

BUDANOVA, L.Ya.; ZATONSKIY, L.K.; LARINA, N.I.; MAROVA, N.A.

Method of compiling bathymetric maps. *Trudy Inst. okean.* 14:54-
65 '60. (MIRA 14:2)

(Ocean bottom—Charts, diagrams, etc.)

S/020/61/139/001/018/018
B103/B229

AUTHORS: Bezrukov, P. L., Zatonskiy, L. K., and Sergayev, I. V.
TITLE: Afanasiy Nikitin - Mountain in the Indian Ocean
PERIODICAL: Akademiya nauk SSSR. Doklady, v. 139, no. 1, 1961, 199 - 202

TEXT: The 31st expedition on board the vessel "Vityaz" discovered an under-sea mountain range, extending in a depth of 4500 - 4700 m for about 150 miles south of Ceylon, in the north-western part of the Indian-Australian ocean basin, in December, 1959. Above, there is a high seamount. The 33rd expedition of the "Vityaz" carried out an echo sounding of the seamount on January 9, 1961. It was suggested to name the mountain after the first Russian who traveled to India, Afanasiy Nikitin. In the course of echo sounding the area of the seamount was traversed in different directions, and two new minimum depth of 1668 and 1549 m, respectively were found (Fig. 1). The position of the ship during echo sounding was determined by the usual navigation methods: by astronomical observations and calculations. The astronomical determination was carried out at station no. 4909, 3 miles south-west of the summit of the mountain. This determination served as end
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Afanasiy Nikitin - Mountain...

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point of the calculation based on the observation from station no. 4908, and as initial point of the calculation of station no. 4910. The coordination of measurements and the transcription of the recordings on a scale of 1 : 125,000 were carried out by L. P. Nasvr'. The echo sounding was carried out in the deep-sea range echo sounder MC-26H (MS-26N). The frequency of the measurement amounted to 10 pulses/min. The depths were transcribed on the map immediately from the echo-sounder record. The coordination of the measurements was satisfactory. The data of echo sounding served as a basis for a bathymetric chart (Fig.1). Data obtained during the 31st voyage were also used. As can be seen from Figs. 2 and 3, the mountain, according to the morphology of its slopes, constitutes a volcanic cone. Apart from the Afanasiy Nikitin mountain there are many other summits in this mountain range with minimum depths of: 2500, 2892, 3050, and 3230 m. At the southern slope of the range there is a deep gully which, at a depth of 4880 m has a flat bottom 7 - 8 miles wide. South of it there is an elevation of an average depth of 4300 m. The width of the mountain range is not yet known. As a result of the bathymetric chart and the analysis of the depth distribution outside the map limits, the authors consider the mountain range to extend from west-north-west to east-south-east for at least 300 miles. Future

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Afanasiy Nikitin - Mountain...

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investigations are to show whether this assumption is correct. A sampling of the soil at the slope of the Afanasiy Nikitin Mountain, at a depth of 2380 m, showed a fine-grained globigerina ooze. A series of pictures showed a changing, spotlike distribution of ooze and hard rocks. The composition of the rocks could not be determined. As a result of the analogy with other undersea volcanoes of the central part of the ocean they are thought to be basalt rocks. There are 3 figures.

ASSOCIATION: Institut okeanologii Akademii nauk SSSR (Institute of Oceanology of the Academy of Sciences USSR)

PRESENTED: March 30, 1961 by A. L. Yanshin, Academician

SUBMITTED: March 26, 1961

Card 3/6

ZATONY, A.

Decrease of deposits in heating coils of digesters in the aluminum industry, p. 326, KOHASZATI LAPOK, (Magyar Bányászati és Kohászati Egyesület) Budapest, Vol. 11, No. 7, July 1956.

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) Library of Congress
Vol. 5, No. 11, Nov. 1956.

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963920005-6

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"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963920005-6

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963920005-6"

ZATONY, A.

"Application of New Work Processes in Power Plants for the Utilization of Heat Produced By Gas From Smoke", P. 253, (MAGYAR ENERGIAGAZDASAG, Vol. 7, No. 6, June 1954, Budapest, Hungary)

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

ZATONY, A.

"A New Delineation of Thermodynamic Processes." p. 367, (MAGYAR.ENERGIAGAZDASAG,
Vol. 6, no. 12, Dec. 1953, Budapest, Hungary.)

SO: Monthly List of East European Accessions, LC, Vol. 3, No. 5, May 1954/Unclassified

ZOUBEK, Vladimir, akademik; KARNIK, V.; KASPAR, J.; MASKA, M.;
VACHTL, J.; ZATOPEK, A.

Research on the deep earth layers and its place in the research
on inorganic nature. Vestnik CSAV 72 no.3:327-332 '63.

ZATONEK, Alois.

Commemorating the centennial of the birth of professor V.
Laska, a founder of modern seismology. Studia geophys 7
no.1:84-88 '63.

ZATOPEK, Alois

The 1st International Symposium on the Recent Earth Movements
in Leipzig. Vestnik CSAV 71 no.5:595-599 '62.

1. Clen korespondent Ceskoslovenske akademie ved.

ZAJIC, F.; SMETANKA, E.; ZATOPEK, A.

On the problem of ballistocardiography (seismocardiography).
Chekh. fiziol. 2 no. 2: 209-221 '53. (MLRA 7:2)

1. Institut klinicheskoy fiziologii i geofizicheskoy institut
universiteta im. Karla IV, Praha. (Ballistocardiography)

ZATOPEK, A.

"Methods of applied geophysics. p.31. Scientific establishments of the Czechoslovak Academy of Science. P.35." ZA SOCIALISTICKOU VEDU A TECHNIKU Vol. 3, No.1, Jan. 1953. Czechoslovakia.

SO: Monthly List of East European Accessions, L.C.Vol.2, No.11, Nov. 1953
Uncl.

ZATOPEK, A.

"Possible Use of Electronic Chronographs in Geophysics." p. 358,
(CESKOSLOVENSKA CASOPIS PRO FYSIKY, Vol. 4, No. 3, June 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

ZATOPEK, A.

Relation between gustiness and the structure of wind unrest of seismographs.
p. 65

Vol. 65, No. 1/11, 1953 (Pub. 1954)
GEOFYSIKALNI SBORNIK
Praha, Czechoslovakia

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

ZATOPEK, A.

The 75th birthday of Prof. Bedrich Salamon. p. 11.
(GEOFYSIKALNI SBORNIK, No. 20/35, 1955 (published 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

ZATOPEK, A.; VANEK, J.

Determining the magnitude scale from P, PP and S waves for the Prague seismic station. In German. p. 91.
(GEOFYSIKALNI SBORNIK, No. 20/35, 1955 (published 1956), Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

ZATOPEK, A.

A professor Bedrich Salamon as a geophysicist. p. 25. Ceskoslovenska
spolecnost zemepisan. SOBORNIK. Praha. Vol. 61, no. 1, 1956.

SOURCE: East European Accessions List. (EEAL) Library of Congress.
Vol. 5, No. 8, 1956 August.

ZATOPEK, A.

Seismic characteristics of Czechoslovakia. p. 81. Ceskoslovenska spolocnost zemepisna. SBORNIK. Praha. (Journal issued by the Czechoslovak Geographical Society; with English and Russian summaries. Quarterly)
Vol. 61, no. 2, 1956.

SOURCE: East European Accessions List, (EEAL), Library of Congress
Vol. 5, No. 12, December 1956

PLESKOT, V. (Prague); ZATOPEK, A. (Prague)

Recollections about Professor Vaclav Laska. Cas pro pest mat
89 no. 2:247-249 Ap '64

ZATOPEK, Alois

Long-period microseisms generated in eastern part of Atlantic frontal zone. *Studia geophys* 8 no. 2:127-139 '64.

European Seismological Commission. *Ibid.*:207-208

1. Charles University, Prague 2, Ke Karlovu 3.

41-11-6, A. 10
KOZESNIK, Jaroslav, akademik; BLASKOVIC, Dionyz, akademik; KOJMAN, Arnost, akademik; MACURA, Jiri, dr.; VANA, Josef; GOSIOROVSKY, Milos; BOEM, Jaroslav, akademik; PROCHAZKA, Jaroslav, prof., dr.; HAMPEJS, Zdenek, dr.; BRABEC, Frantisek, prof, inz., dr.; SORM, Frantisek, akademik; NOVAK, Josef, akademik; NEUMANN, Jaromir, doc., dr.; BAZANT, Vladimir, inz., dr.; KOUNOVSKY, Bohumil, dr.; SZANTO, Jan, dr.; ROZSIVAL, Miroslav, dr.; KASPAR, Jan, dr.; HANKA, Ladislav, prof., inz.; STRNAD, Julius; WICHTERLE, Otto, akademik; ZATOPEK, Alois; JAVORNICKY, Jan, inz.; VAVRA, Jaroslav, dr.; BLATNY, Ctibor, akademik; ONDRIS, Karol, dr.; KUKAL, Vaclav, inz.

The 22d Congress of the Communist Party of the Soviet Union and the tasks of Czechoslovak science; discussion. Vestnik CSAV 71 no.1:3-59 '62.

1. Hlavni vedecky sekretar Ceskoslovenske akademie ved (for Kozesnik).
2. clen korespondent Ceskoslovenske akademie ved (for Vana, Gosiorovsky, Kaspar, Strnad, Zatopek).
3. Rektor Karlovy university (for Prochazka).
4. Rektor Ceskeho vysokeho uceni technickeho (for Brabec).
5. Namestek presidenta Ceskoslovenske akademie ved (for Sorm)

ZATOPEK, Alois

Progress report on the Upper Mantle Project in Czechoslovakia
1961-1963. Studia geophys 8 no.1:104-105 '64.

ZATOPEK, Alois

Thirteenth General Assembly of the International Union
of Geodesy and Geophysics in Berkeley, Vestnik CSAV 73
no. 1: 142-148 '64.

1. Clen korespondent Ceskoslovenske akademie ved.

ZATOPEK, Alois

Some results of statistical investigation of the periods of European microseisms. *Studia geophys* 7 no.2:164-182 '63.

1. Geophysikalisches Institut der Karlsuniversitat, Praha 2, Ke Karlovu 3.

ZATOPEK, A.

3

Z/023/62/000/001/002/004
ECC6/D102

AUTHORS: Kárník, V., Kondorskaya, N. V., Riznichenko, Yu.V., Savarensky, E.F.,
Solovyev, S.L., Shebalin, N. V., Vaněk, J., and Zítopek, A.

TITLE: Standardization of the earthquake magnitude scale

PERIODICAL: Studia geophysica et geodaetica, no. 1, 1962, 41-47

TEXT: The paper presents a proposal for standard methods of magnitude determination of both shallow and deep earthquakes, and describes the practical application of the suggested magnitude scale as agreed upon by Soviet and Czechoslovak seismologists at meetings held in Prague on December 7-14, 1960 and in early 1961. The proposal is based on the following postulates: (1) General acceptance of a unified formula for the definition of the earthquake magnitude M

$$M = \log \left(\frac{A}{T} \right)_{\max} + \sigma(\Delta) \quad (1)$$

where A is the maximum ground amplitude of the wave considered (in microns), T is the corresponding period in seconds, and $\sigma(\Delta)$ is the calibrating function expressing the relation between A/T and the epicentral distance Δ , which is

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0006/D102

Standardization of the

different for different wave types; (2) General application of standard calibrating functions $G(\Delta)$ for body and surface waves as calculated according to the methods recommended by the proponents; (3) Determination of a representative M for each earthquake, to be represented by a simple arithmetic mean of magnitudes of a single wave type as established according to the proposed standard method at many stations. The determination should be done by a proposed international center. As of January 1, 1962, the magnitude M will be determined according to the proposed standard method at all Czechoslovak and Soviet seismological stations. J. Vaněk and J. Stelzner are the personalities mentioned. There are 2 tables and 20 references: 8 Soviet-bloc and 12 non-Soviet-bloc. The references to the four most recent English-language publications read as follows: J. Vaněk, J. Stelzner, The problem of magnitude calibrating functions for body waves, *Annali di Geofisica*, 13, 1960, 393; Biztricsány, On the determination of earthquake magnitudes, *Annales Univers. sci.*, Budapest, Sect. Geolog., 2, 1959, 39; T. Naramune, A. Seki, Determination of earthquake magnitude from surface waves for Matsushiro seismological observatory and the relation between magnitude and energy, *Geophys. Mag.*, 28, (1958), 303; Z. Droste, S. Gibowicz, Determination of the magnitude of distant earthquakes at the Silesian geophysical station in Raciborz. *Acta geophys. polon.*,

Card 2/3

3

Standardization of the ...

Z/021/62/000/001/002/004
D006/D102

6, (1958), 222. (Technical editor: L. Ruprechtová)

ASSOCIATION: Geophysical Institute, Czechoslovak Academy of Sciences, Prague
(V. Kárník, J. Vaněk); Institute of the Physics of the Earth, Academy
of Sciences of the USSR, Moscow (N.V. Kondorskaya, Yu. V. Riznichenko,
E. F. Savarensky, S. L. Solovyev, N. V. Shebalin); Institute of Geo-
physics, Charles University, Prague (A. Zátupek)

SUBMITTED: November 11, 1961

Card 3/3

S/049/62/000/002/001/005
D218/0301

AUTHORS: Vaněk, J., Zátonek, A., Kárník, V., Kondorskaya, N.V.,
Riznichenko, Yu.V., Savarenskiy, Ye.F., Solov'yev,
S.L. and Shebalin, N.V.

TITLE: Standardization of the magnitude scale

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya geofiziches-
kaya, no. 2, 1962, 153-158

TEXT: It is pointed out that various magnitude scales are
used at the present time and that their main disadvantage is that
they provide different magnitudes for a given earthquake. This is
because in many cases the methods used to calculate the magnitude
are not clearly defined and are inadequately described. A special
conference of Soviet and Czechoslovak seismologists was convened in
Prague on December 7-14, 1960, to deal with this problem. The aim
of the present paper is to give an account of the main results of
the Prague meeting and to suggest a standard method for determining

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the earthquake magnitude. It is suggested that the scale should be based on the following standard formula: ✓

$$M = \lg \left(\frac{A}{T} \right)_{\max} + \sigma(\Delta)$$

where A is the maximum displacement amplitude, T is the corresponding period in seconds and $\sigma(\Delta)$ is a calibrating function which describes the variation of A/T with epicentric distance and is different for different types of waves. This formula has been discussed by B. Guterberg and C.F. Richter, and by the first three of the present authors in an earlier work. The calibration function is taken as an average of the Q function of Guterberg and Richter and the β function of J. Vaněk and J. Stelzner. A table is reproduced giving the smoothed average calibrating functions for PH, PV, PPH, and SH waves. In the case of surface waves, the calibrating function is taken to be of the form $\sigma(\Delta) = a \log \Delta + b$. It was found that the coefficients a and b for LH waves are on average equal to 1.66 and 3.3 respectively. This result holds for surface waves at epi-

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centric distances between 2 and 160°. Below 5°, Sg and L waves must be carefully distinguished. It is pointed out that the problem of defining a single value for M is not yet solved because different average values are obtained for M with different types of waves (MLH, MPH, MSH, and so on). Nevertheless, it was decided not to combine these values as on the unified Gutenberg-Richter scale, but to use the method described above to accumulate a large amount of data and return to the problem of defining an average magnitude later. Beginning with 1962, all stations of Czechoslovakia and the USSR will use the method described in the present paper. There are 2 tables and 20 references: 11 Soviet-bloc and 9 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: B. Gutenberg and C.F. Richter, Ann. Geophys., 9, (1956); Report of the committee on magnitudes 12th General Assembly of the IUGG, Helsinki (1960); J. Vaněk and J. Stelzner, Ann. Geophys., 13 (1960); T. Nagamune and A. Seki, Geophys. Mag., 28 (1958).

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ASSOCIATION:

Geofizicheskiy institut Akademii nauk Ch SSR (Geophysics Institute of the Academy of Sciences, Czechoslovak SSR), Geofizicheskiy institut Karlova Universiteta, Praga (Geophysics Institute, Charles University, Prague) and Akademiya nauk SSR, Institut fiziki zemli (Academy of Sciences USSR, Institute of Physics of the Earth) ✓

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AUTHOR: Zátopek, Alois

TITLE: On the nature and origin of the European microseisms

PERIODICAL: Studia Geophysica et Geodaetica, no. 1, 1961, 51 - 63

TEXT: It was established that there is a close relationship between microseisms in Europe and meteorological factors. The purpose of this paper is to summarize the observations made on the European microseisms by the Prague seismological station since 1948. Research is based mainly on the observations of this station because of its favourable location in the center of the European continent. In addition, data from other stations in Europe have been used. The analyses link the continuous observations of the microseismic periods and amplitudes to position, extent and movement of barometrical lows (and also often of highs), to the nature and direction of atmospheric fronts, to the speed and direction of the wind and to other factors, such as the depth of the sea at the area of origin. The author started from a basic graphical presentation of the microseismic periods and amplitudes in relation to time. From the amplitude sums in relation to time,

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