

PERSOV, G.M.; SAKUN, O.F.

State of gonads in the humpback salmon at various stages of its life cycle in connection with its acclimatization in the basins of the White and Barents Seas. Uch.zap.LGU no.311:92-108 '62.

(MIRA 15:8)

(White Sea--Salmon) (Barents Sea--Salmon) (Generative organs)

PERSON, G.N. (Leningrad, V-50, 16-ya liniya, d.9, kv.2)

Sources of replenishment of the sex cells; study of the sterlet  
and other sturgeon species.[with summary in English]. Arkh.anat.  
gist. 1 embr. 35 no.3:51-57 My-Je '58 (MIRA 11:7)

1. Kafedra ikhtiologii i gidrobiologii (zav. - prof. N.L. Gerbill'skiy)  
Leningradskogo gosudarstvennogo universiteta.

(GERM CELLS

sources of replenishment in fish (Rus))

(FISHES,

supply of germ cells in sturgeon (Rus))

USSR / General Biology. Individual Development

B-4

Abs Jour: Ref Zhur - Biol., No 6, 1958, 25783

Author : Persov, G. M.

Inst : Not given

Title : Experimental Polyspermia and Its Effect on Sterlet Embryonic Development.

Orig Pub: V sb.: Probl. sovrem. embriologii. L., Un-t, 1956,  
19-28

Abstract: Data are given on the significance of sperm dosages in artificial seeding of sturgeon and sterlet roe for incubation results. As the dosage is increased above the optimal, the percentage of eggs with an excess number of blastomeres is increased and viability is decreased, evidently because such eggs die. Sterlet roe with different sperm dosages (optimum and above optimum) were recorded at different times

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Card 2/3

USSR / General Biology. Individual Development  
Abs Jour: Ref Zhur - Biol., No 6, 1958, 23783

B-4

Abstract: under experiment were found to be more stable than the control. The morphological analysis of the young ones from experiments of double seeding at the age of 3 1/2 months showed that the main mass have sterlet characteristics. Data obtained are regarded by the author as a corroboration of the participation of several sperms in sterlet egg fecundation, as well as in determination of post-terity properties.

Card 3/3

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001240120016-4"

POROV, M.I.

A new species of beetles with larvae of the genus *Haliplus* (Coleoptera, Staphylinidae) from the Maritime Territory. Ent. oboz. 43 no.1:169-174. (MIRI 1714)

1. Institute of marine biology, Academy of Sciences of the USSR, Komarovo Biological Station, Leningrad Oblast, Chernogolova.

AKHREMOVICH, Marta Bernardovna. Prinimal uchastiye PERSONOV, M.P.;  
KARPOV, V.V., kand. tekhn. nauk; OSMOLOVSKIY, G.Ye., red.

[Protection of the wooden structures of dwellings against  
wood-destroying pests] Zashchita dereviannykh konstruktsii  
zhilykh zdanii ot razrushitelei drevesiny. Moskva, Stroi-  
izdat, 1964. 89 p. (MIRA 17:6)

BURMISTROV, Ye.F., dots., red.; VAGNER, V.V., prof., red.; LIBER,  
A.Ye., prof., red.; FAL'KOVICH, S.V., prof., red.;  
PERSHIN, A.I., st. prepodavatel', red.; PERSOVA, V.M., red.

[Work of young scientists; mathematics issue] Trudy molodykh  
uchenykh; vypusk matematicheskii. Saratov, 1964. 121 p.  
(MIRA 18:8)

1. Saratov. Universitet. 2. Kafedra matematiki i statistiki  
Saratovskogo ekonomicheskogo instituta (for Pershin).

BUGAYEVA, A. N.; PERSOVA, Ye. G.

Frosts in the Tatar A.S.S.R. Sbor.rab.po sinop. no.2:110-133  
'58. (MIRA 12:6)

1. Kazanskaya gidrometeorologicheskaya byuro.  
(Tatar A.S.S.R.--Frost)

3(8)

PLATE 1 BOOK REPORTATOR 80V/263

SERIAL NUMBER: 00513R001240120016-4

SERIAL NUMBER: 00513R001240120016-4 (Collection of Articles on Properties, or 2)

Leningrad, Meteorologicheskay, 1956, 157 p., 1,200 copies printed.

Ed. (Title page); G. S. Zabrein, Ed. (Inside book); R. V. Grossman, Tech. Ed.

PURPOSE: This collection of articles is intended for meteorologists.

CONTENTS: This book contains 12 selected articles written by symposic  
participants of the Weather Bureau, the Ukrainian Bureau,  
Weather Station of the Civil Aviation, All-Union (Air  
Traffic) Committee, All-Union (Air Traffic) Committee.  
There are no personalities mentioned. There are 35 references. No notes.

NAME OF CONTRIBUTOR:

Alekseev, G. A. [Russian Weather Bureau]. Disastrous Developments in the  
Baltic States Part of the Armenian SSR in August, 1959

83

Tsvet, Yu. A. [Russian Weather Bureau]. Local Conditions of Glass

Formation in the Siberian Region

87

Lebedev, D. Z. [Russian Weather Bureau]. Conditions of Glass Formation  
In the Krasnodar Region

97

Ponomariov, N. P. [Russian Weather Bureau]. Symposic Conditions of Late Spring  
and Early Fall Frost in the European Region

102

Bogolyubov, A. N., and Yu. O. Ponomariov. [Russian Weather Bureau]. Frost in  
the Transbaikalia Area

110

Mal'shova, T. G. [Russian Weather Bureau]. Frost in the Orenburg Region

114

AVAILABLE: Library of Congress

CONT 1/1

REV/MS  
10-22-59

PERSTNEV, S.N. [Perstniev, S.N.], inzh.

Performance of reapers at increased speeds. Mekh. sil'. hosp. 14  
no.6:28 Je '63. (MIRA 17:3)

1. Ukrainskiy nauchno-issledovatel'skiy institut sel'skokhozyaystven-  
nogo mashinostroyeniya.

GERONT'YEV, V.I., doktor tekhn.nauk; PERTEN, Yu.A., aspirant

Research on conveyors with a ribbed belt. Vop.rud.transp. no.4:102-114  
'60. (MIRA 14:3)

1. Leningradskiy gornyy institut.  
(Conveying machinery)

PERTEN, Yu.A. aspirant

Belt conveyor with a blade-equipped chain for work on sharp angles of incline. Vop.rud. transp. no.4:115-120 '60. (MIRA 14:3)

1. Leningradskiy gornyy institut.  
(Conveying machinery)

PEROGY, P. M.

POL. Culture

Stalin, for example, was born on December 29, 1878, + . . .

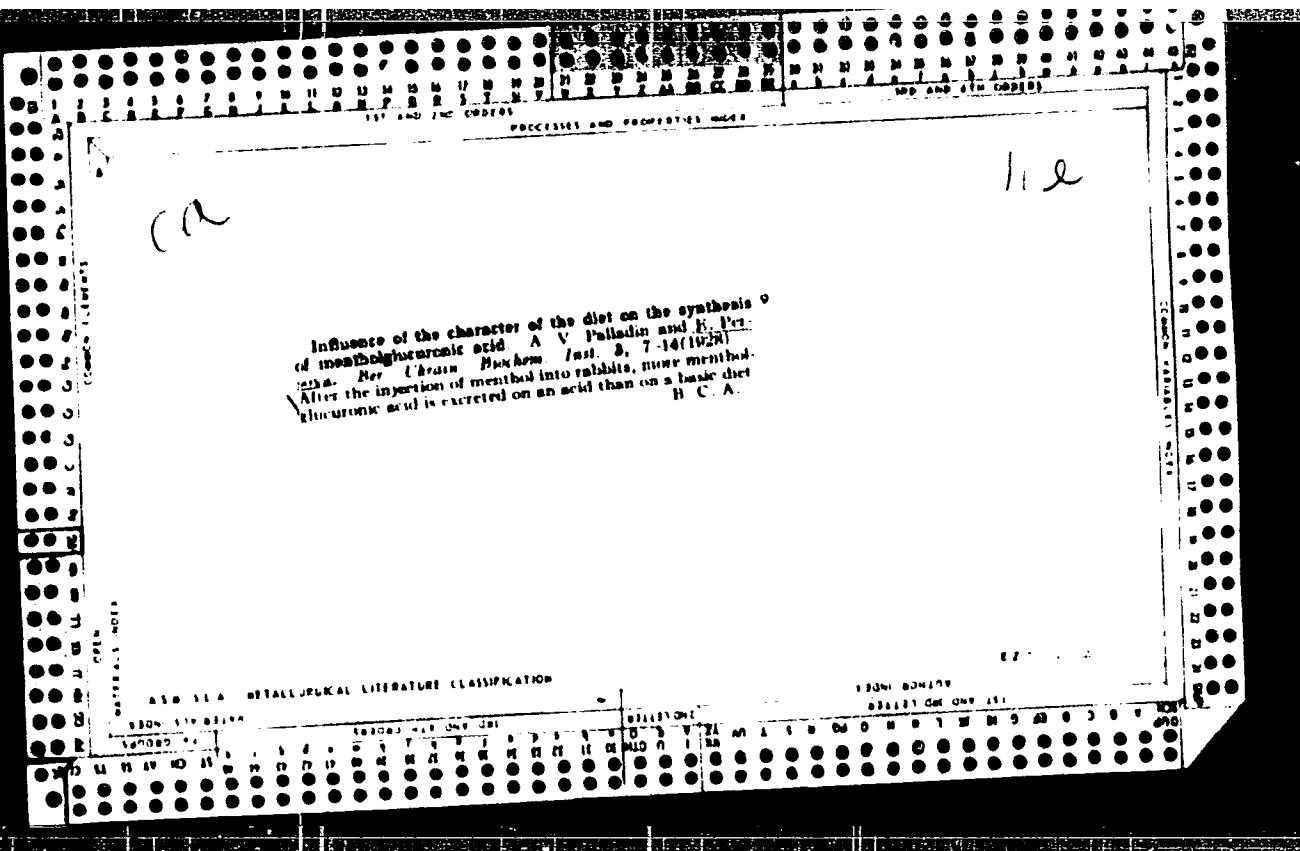
9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

3c

a-4

Influence of the character of the diet on the synthesis of methyldihydroxyacetic acid. A. PALADIN and K. PRASNOVA (Ber. Ukrain. Biochem. Inst., 1928, 3, 7-16).—After the injection of menthol into rabbits, more methyldihydroxyacetic acid is excreted on an acid than on a basic diet. F. A. A.

H. A. A.



PERSOVA, Ye.I.

Formation of rime in the Tatar A.S.S.R. Meteor. i gidrol no.11: '2-  
34 N '56. (MLRA 10:1)  
(Tatar A.S.S.R....Precipitation (Meteorology))

Synthesis of mentholglucuronic acid in arsenic poisoning  
by K. M. Petrusa. *Ber. Ukrain. Biochem. Inst.*  
4, 43-51 (1930). After injection of a saln. of menthol in  
sal into normal rabbits, up to 22% was excreted in the  
urine combined with glucuronic acid, while in the case of  
rabbits poisoned with As only 1-10% was so excreted.  
B.C.A.

ABR 10A - METALLURICAL LITERATURE CLASSIFICATION

REF ID: A

*BC*

Synthesis of methoxyglycuronic acid in arsenic poisoning. E. M. PRASOVA (Ber. Ukrain. Biochem. Inst., 1939, 4, 63-83).—After injection of a solution of methiol in oil into normal rabbits, up to 22% was excreted in the urine combined with glycuronic acid, whilst in the case of rabbits poisoned with As only 1-10% was so excreted. W. O. K.

## ABD-11A METALLURICAL LITERATURE CLASSIFICATION

6-27-67-1000

ECON SYMBOLS

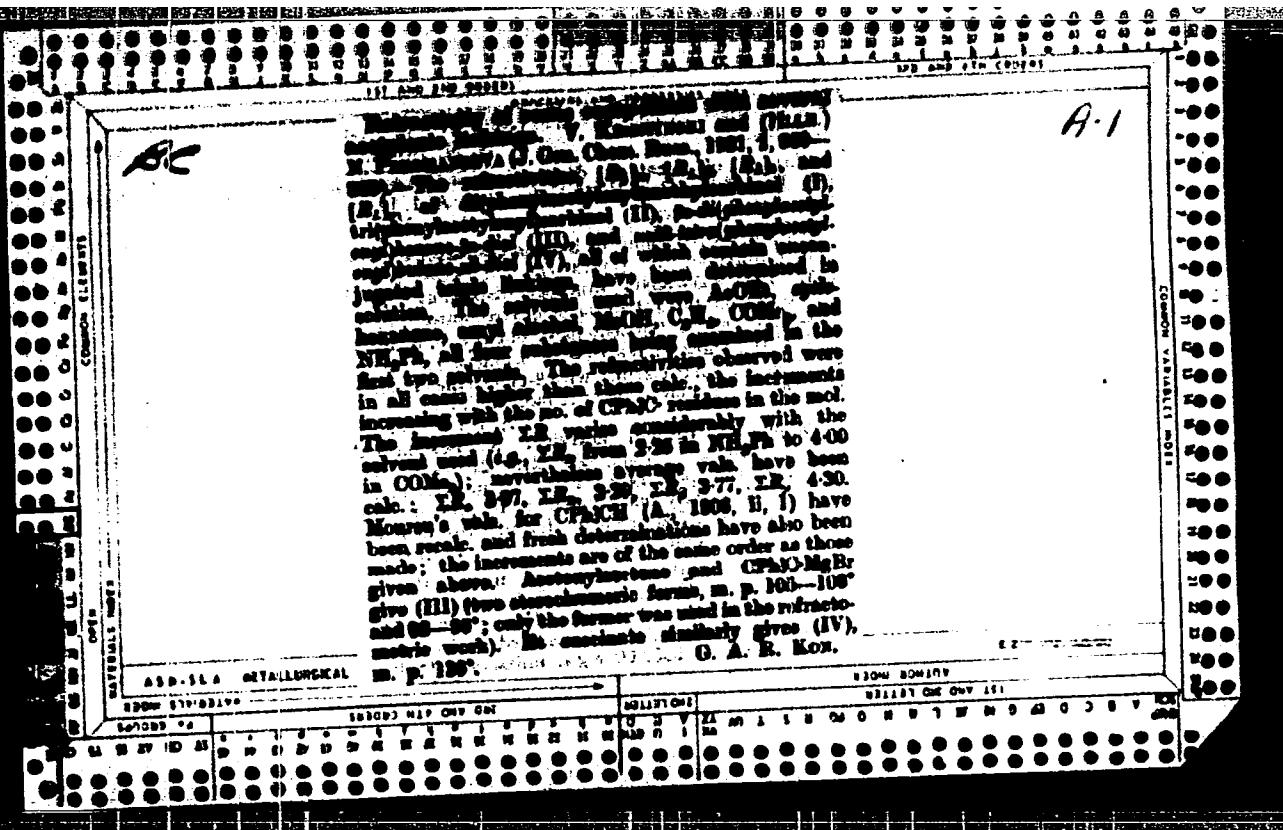
ECON SYMBOL

GROUP #

SUBDIVIS. MAP DIV. GEN.

SUBDIVIS.

SUBDIVIS. GEN. GEN. GEN.



PERSTNEV, S.N., kand. tekhn. nauk; OKOROKOV, I.F., kand. tekhn. nauk

Optimal parameters for a reel of harvesting machinery.  
Trakt. i sel'khozmash. no.4124-26 Ap '65. (MIRA 18:5)

1. Ukrainskiy nauchno-issledovatel'skiy institut sel'skokhozyaystvennogo mashinostroyeniya.

PERSYANINOV, L.S.; UMERENKOV, G.P.

Various methods of modern anesthesia in gynecological and  
obstetrical operations. Akush.i gin. 36 no.4:26-33 II-Ag '60.

(MIRA 13:12)

(ANESTHESIA IN OBSTETRICS) (GENITOURINARY ORGANS—SURGERY)

PERSYANINOV, L.S. (MOSCOW, USSR)

Reanimation des nouveau-nes.

Report Submitted for the 3rd World Congress, Intl. Federation of  
Gynecology and Obstetrics, Vienna, Austria, 3-9 Sep 1961.

PERSIANOV, L.S. (MOSCOW, USSR)

Chirurgische Behandlung der Uterusruptur.

Report submitted for the 3rd World Congress, Intl. Federation of Gynecology and Obstetrics, Vienna, Austria, 3-9 Sep 1961.

PERT, St.

Democratic centralism, basic principle for the organization and direction of national economy. Probleme econ 14 no.7:73-84 Jl '61.

FODOR, C., prof.; FARBARINO, Fedora, dr.; GEORGESCU, E., dr.; NICOARA, A., dr.;  
SĂLĂTĂ, I., dr.

Critical appraisal of the value of the methods of liver function test using BSF. Studies of BSF in serum, bile, urine and of the separate chromatographic fractions. Med. intern. (Bucur.) 17 no.4: 399-412 Ap '65.

1. Lucrare efectuata in Clinica a III-a medicala, Institutul medico-farmaceutic, Cluj (director: prof. C. Fodor).

PERTEL', A.I.

Pyromorphit found in the Ural mountain Sukhovyaz' deposit.  
Sbor.nauch.rab.stud. LGI no.2:46-50 '57. (MIRA 13:4)

1. Leningradskiy ordenov Lenina i Trudovogo Krasnogo Znameni  
gornyy institut im. G.V.Plekhanova. Predstavlen prof. D.P.  
Grigor'yevym.

(Ural Mountains--Apatite)

PERTEN, Yu.A., kand. tekhn. nauk

Mechanization and automation of storage operations in the enterprises of the Leningrad Economic Council. Mekh. i avtom. proizv. 19 no.4:17-22 Ap '65. (MIRA 18:6)

PERTEN, Yu. A., kand. tekhn. nauk

Determination of the capacity of belt conveyers intended for  
working at steep angles of incline. Izv. vys. ucheb. zav.;  
gor. zhur. no.9:125-131 '61. (MIRA 15:10)

1. Leningradskiy ordena Lenina i ordena Trudovogo Krasnogo  
Znameni gornyy institut imeni G. V. Plekhanova. Rekomendovana  
kafedroy rudnichnogo transporta.

(Conveying machinery)

TYMOVSKIY, L.G., kand.tekhn.nauk; FAKTOROVICH, A.M., kand.tekhn.nauk;  
PERTEN, Yu.A., inzh.

Hoisting of rock in deep strip mines using combined transportation  
systems. Gor.zhur. no.5:17-20 My '61. (MIRA 14:6)

1. Leningradskiy gornyy institut.  
(Strip mining) (Mine haulage)

PERTEN, Yu. A., CAND TECH SCI, "THEORETICAL AND EXPERIMENTAL  
INVESTIGATION OF CONVEYERS FOR WIDE-ANGLE SLOPES, SUITABLE  
*of a practical*  
FOR CONDITIONS OF THE MINING INDUSTRY." LENINGRAD, 1961.  
(MIN OF HIGHER AND SEC SPEC ED RSFSR, LENINGRAD ORDERS OF  
LENIN AND LABOR RED BANNER MINING INST IM G. V. PLEKHANOV).  
(KL, 3-61, 219).

12A  
12B  
  
Digestive glands of ruminants. Physiology of the secretory nerve apparatus of the parotid gland of the goat. G. A. BABICHAY, N. S. POKROVSKY AND I. I. KULIKSO  
Russ. Physiol. J. 19, 430-47 (1981). Pilocarpine and physostigmine raise the pH of the saliva, while atropine has the opposite effect. The sp. gr. and dry residue vary inversely with the rate of secretion B. C. A.

ASO-SLA METACATALOGUE LITERATURE CLASSIFICATION

PERSTNEV, N.S., assistant.

Classification of colics in horses. Sbor.trud.Khar'.vet.inst.  
20:186-193 '49. (MIRA 9:11)  
(Horses--Diseases) (Colic--Classification)

CHISTYAKOV, F., kand.tekhn.nauk; PERSTNEV, P., inzh.; SUTYRINA, T., inzh.

Experimental characteristics of centrifugal freon compressor.  
Khokhlova 37 no.4:3-9 Jl-Ag '60. (MIRA 13:11)  
(Compressors)

S/066/60/000/004/002/004 XX  
A003/A029

AUTHORS: Chistyakov, F., Candidate of Technical Sciences,  
Perstnev, P., Sutyrina, T., Engineers

TITLE: Experimental Characteristics of a Centrifugal Freon Compressor

PERIODICAL: Kholodil'naya tekhnika, 1960, No. 4, pp. 3-9

TEXT: The low-temperature centrifugal compressor of the plant ChKD-Stalingrad (Czechoslovakia) operating on Freon-12 was investigated. It has 5,000 rpm and is driven by a synchronous 2,200 kw electro-motor. The cooling installation, in which the compressor operates, has the boiling temperatures -6°C and -40°C. It has two stages with a cold output of 1.5 million kcal/hour and 1.7 million kcal/hour, respectively. The characteristics of both stages were investigated with various angles of the diffusor blades. The suction pressure varied from 0.55 to 0.85 atm for the low-temperature stage and from 2.0 to 3.15 atm for the high-temperature stage. The weight consumption of Freon was calculated by the formula

$$G_{red} = \frac{T_{suc.\text{meas}}}{T_{suc.\text{red}}} \frac{P_{suc.\text{red}}}{P_{suc.\text{meas}}},$$

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A003/A029

Experimental Characteristics of a Centrifugal Freon Compressor

where  $G_{red}$  and  $G_{meas}$  is the reduced and the measured weight consumption of Freon in kg/hour;  $T_{suc.red}$  and  $T_{suc.meas}$  is the reduced and the measured temperature of suction in °K;  $p_{suc.red}$  and  $p_{suc.meas}$  is the reduced and measured pressure of suction in kg/cm<sup>2</sup>. [Abstractor's note: Subscripts red (reduced), meas (measured) and suc. (suction) are translations from the Russian -<sub>р</sub> (privedenyy), <sub>зм</sub> (zamezenny) and <sub>вс</sub> (vsasyvaniye)]. The degree of compression was calculated by the formula

$$\lg \eta_{red} = \frac{T_{suc.meas}}{T_{suc.red}} \lg \eta_{meas},$$

where  $\eta_{red}$  and  $\eta_{meas}$  are the reduced and measured degree of compression in the compressor, respectively. The adiabatic coefficient  $\gamma_{ad}$  was determined as the ratio of the works of the adiabatic and actual compression processes. The characteristics of the compressor obtained in the tests are shown in Figures 3 and 4. The maximum output is attained with an angle of the diffusor blades of 19° for the low-temperature stage and 28° for the high-temperature stage. An increase in the compression degree is accompanied by a considerable increase in  $\eta_{ad}$ . The maximum value of  $\eta_{ad}$  is higher for the

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S/066/60/000/CC4, CC2, CC1 XX  
A003/A029

Experimental Characteristics of a Centrifugal Freon Compressor

high-temperature stage than for the low-temperature stage and is 0.74. The output of the compressor can be controlled by changing the condensation pressure within a range of 10 - 12 % only. The self-regulation is possible only at a small heat load change of less than 15 %. A change in the diffusor blade angle reduces the compressor output considerably. A decrease of the angle from 19 to 2.5° reduces the output by 75 %. The output can also be reduced by choking of the suction. A change in the weight output from 100 to 59 % by means of choking corresponds to a decrease in the angle from 19 to 9.5°. It was shown that the advantage of output control by means of changing the diffusor blade angle is its wide control range. It is recommended to combine the method of changing the diffusor blade angle with the method of suction choking. There are 5 figures, 2 tables and 2 Soviet references.

✓  
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Card 3/6

S/066/60/000/004/002/004/XX  
A003/A029

Experimental Characteristics of a Centrifugal Freon Compressor

Figure 3:

Characteristics of the low-temperature compressor stage at various angles of the diffusor blades.

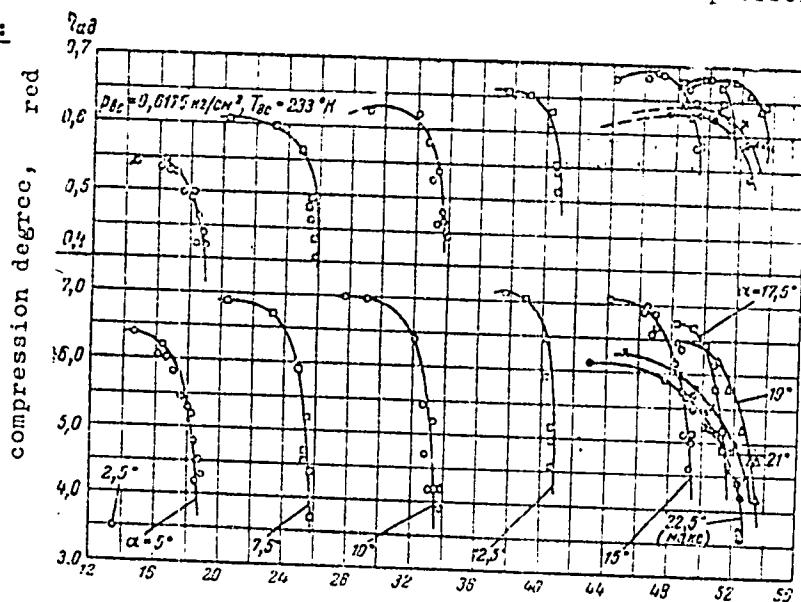
Figure 4:

Characteristics of the high-temperature compressor stage at various angles of the diffusor blades.

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S/066/60/000/004/002/004 XX  
A003/A029

## Experimental Characteristics of a Centrifugal Freon Compressor

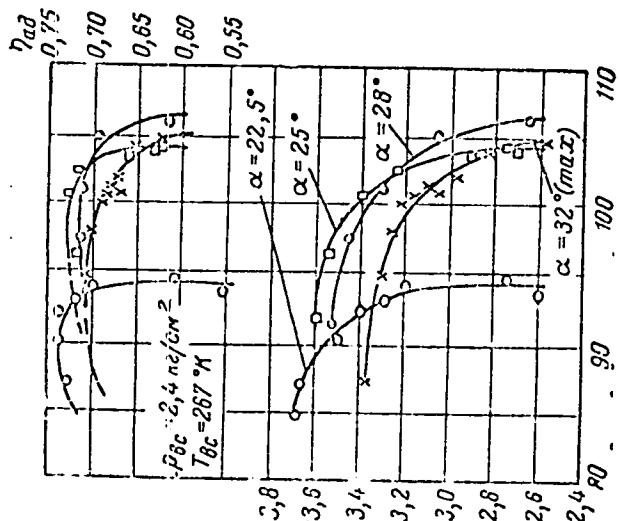
Figure 3:

Card 5/6

S/066/60/000/004/002/004/XX  
A003/A029

## Experimental Characteristics of a Centrifugal Freon Compressor

Figure 4:



Card 6/6

CHISTYAKOV, F.M.; SUTYRINA, T.M.; PERSINEV, P.V.; RUMYANTSEV, V.A.,  
retsenzent; TSYRLIN, B.L., retsenzent; BEL'KOVICH, A.V.,  
red.; GROMOV, A.S., tekhn. red.

[Freon refrigeration turbosystem; installation, construction,  
and operation] Freonovyj kholodil'nyj turboaggregat; ustroistvo,  
montazh, ekspluatatsiya. Moskva, Gos. izd-vo torgovoi lit-ry,  
1962. 101 p. (MIRA 15:5)  
(Refrigeration and refrigerating machinery)

OKOROKOV, I.F., kand. tekhn. nauk; PERSTNEV, S.N., inzh.;  
TARTAKOVSKIY, I.I., inzh.

Investigating a drum-type picker. Trakt. i sel'khozmash.  
33 no.10:28-29 O '63. (MIRA 17:1)

1. Ukrainskiy nauchno-issledovatel'skiy institut sel'sko-khozyaystvennogo mashinostroyeniya.

OKOROKOV, I.F., kand.tekhn.nauk; PERSTNEV, S.N.; RUDYAK, V.I.

Harvesting lodged grain at increased speeds. Zemledelie 25 no.7:55-56  
(MIRA 16:9)  
Jl '63.

1. Ukrainskiy nauchno-issledovatel'skiy institut sel'skokhozyayst-  
vennogo mashinostroyeniya.  
(Ukraine—Grain—Harvesting)

PARTSOVSKIY, Ye.; GORBUNOV, B.; LERMAN, N.

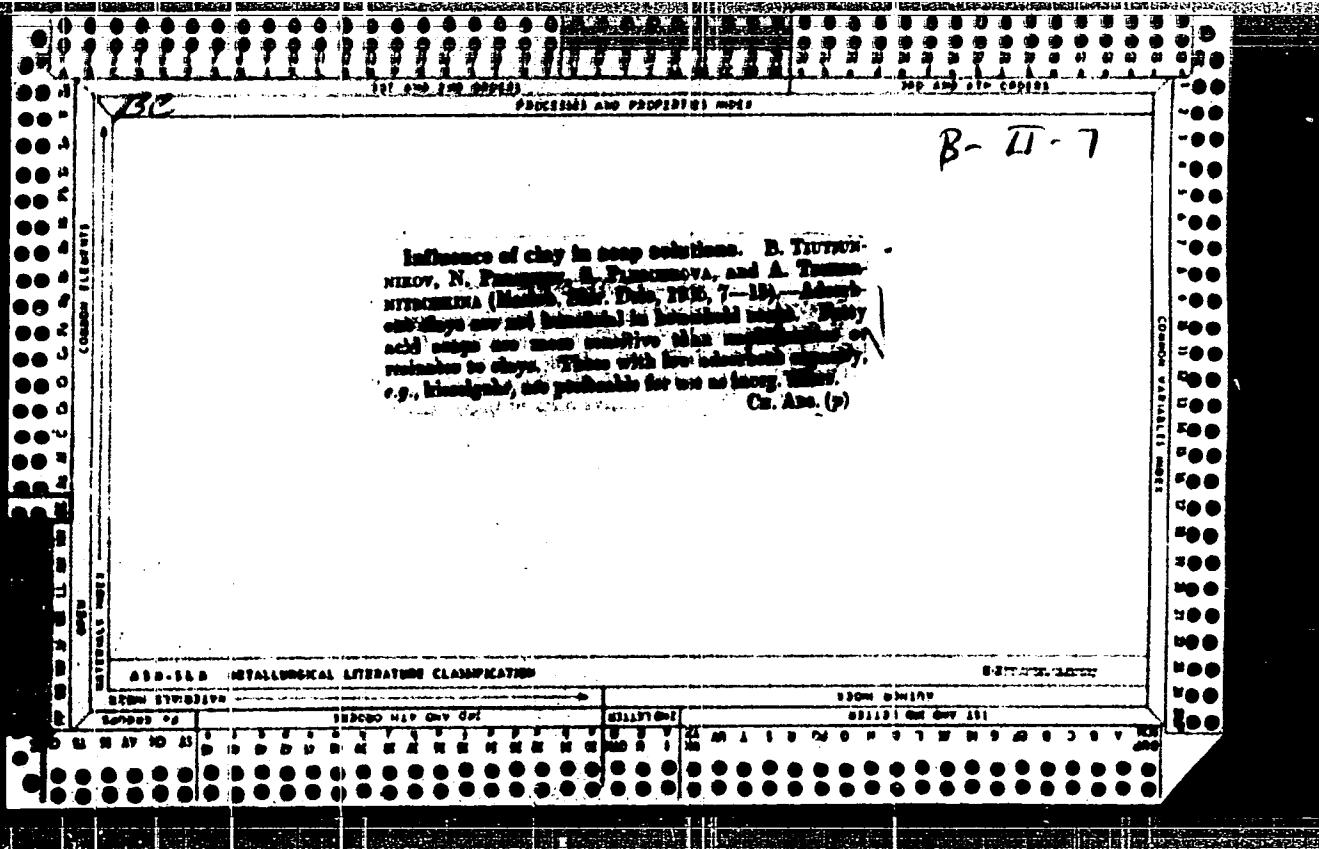
Device based on ionizing radiation for measuring roll opening.  
Muk.-elev. prom. 23 no.6:31-32 Je '57. (MIRA 10:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zerna i produktov  
yego pererabotki.  
(Grain milling machinery) (Radiation--Industrial application )

PEREDEL'SKIY, A.A., doktor biol. nauk; RODIONOVA, L.Z., nauchnyy sotrudnik;  
BIBERGAL', A.V., kand.tekhn.nauk; RUMYANTSEV, P.D., kand.biol.  
nauk; PERTSOVSKIY, Ye.S., nauchnyy sotrudnik

Developing a method for controlling insect pests of stored grain by  
the use of ionizing radiations. [Trudy] VNIIZ no.35:28-42 '58.  
(MIRA 11:10)

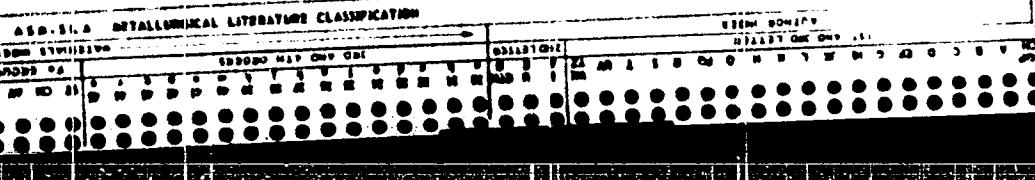
1. Vsesoyuznyy nauchno-issledovatel'skiy institut zerna i produktov  
yego pererabotki (for Peredel'skiy, Rodionova, Rumyantsev, Pertsovskiy),
2. AN SSSR (for Bibergal').  
(Radiation sterilization) (Grain--Diseases and pests)  
(Weevils)



BC

a-4

Digestive glands of *Peromyscus*. II. Physiology of the anterior salivary secretion of the parotid gland of the mouse. O. A. Barnovsky, N. S. Pomeroy, and T. J. Schatzko (Trans. U. Physiol., 1956, 11, 664-677). "The saliva and pancreatic juice has the same ratio of water to solid residue. Water has the opposite effect. The specific gravity and dry residue vary inversely with the rate of excretion." W. O. KENNEDY.



PRYCHAEVA, A. P.

"Some Particulars of the Clinical Aspects of  
Alimentary Hemorrhagic Allevia (Septic Anemia),"  
Klin. Med., 27, No. 5, 1949. Penza Municipal  
Central Hospital, -cl947-

PERSTNEVA, D.

Improve the efficiency of capital investments. Fin. SSSR 37  
no.8:38-40 Ag '63. (MIRA 16:9)

1. Upravlyayushchiy Donetskoy oblastnoy kontoroy Stroybanka SSSR.  
(Donetsk Province—Capital investments)

PERSULZ, I.; NEMETH, I.

A paper chromatographic method for determining tobacco alkaloids.

P. 220. (ELEMÉZÉSI IPAR.) (Budapest, Hungary) Vol. 11, No. 9/10, Nov. 1957

SO: Monthly Index of East European Accession (EIAI) EC. Vol. 7, No. 5, 1957

PERT, S.; KOVACEVICI, S.

Socialist competition, a form of worker participation in production  
organization. Probleme econ 17 no.3:110-122 Mr '64.

MACAROVICI, Const, Gh.; PERTE, Eugenia; MOTIU, Emilia

Study on the complex combinations with diaminodiphenylic derivatives. Pts. 10, 12. Studii cerc chimie Cluj 14 no.2:243-263 '63.

1. Institute of Chemistry, Rumanian Academy, Cluj Branch.
2. Corresponding Member of the Rumanian Academy (for Macarovici).

PERTEN, Yu., kand.tekhn.nauk

Mechanizing industrial transportation. Sots. trud ? no.9:54-56  
S '62. (MIRA 15:9)

1. Glavnnyy spetsialist Naushno-issledovatel'skogo instituta  
tekhnologii mashinostroyeniya Leningradskogo soveta narodnogo  
khozyaystva.  
(Leningrad Economic Region--Material handling)  
(Leningrad Economic Region--Automation)

PERTEN, Yu.A., kand. tekhn. nauk

Conveyor for loose materials. Mashinostroitel' no.12:9  
D '63. (MIRA 17:1)

PERTEN, Yury Aleksandrovich; SUKHOV, I.V., red.; TELYASHOV, R.Kh.  
red.izd-va; BEICCGUROVA, I.A., tekhn. red.

[Advanced methods for removing, conveying and processing  
metal chips] Progressivnye sposoby uborki, transportirovki  
i pererabotki metallicheskoi struzhki; stenogramma. Lenin-  
grad, 1963. 35 p. (MIRA 16:10)  
(Metal cutting)

PERTORINI, Rezzo, dr.

Psychotherapy of neurosis in a patient with aphasia. Ideg.szemle  
13 no.9:283-288 S '60.

1. A Debreceni Orvostudomanyi Egyetem Ideg- és Elmegyogyaszati  
Klinikajának (Igazgató: Dr. Juhász Fal egyet tanár) közleménye.  
(APHASIA ther\*)  
(PSYCHOTHERAPY)  
(NEUROSES ther)

PERTET, Vojteh

On encephalitis. Zdrav. vestn. 13 no. 21, 274-282 - 164.

1. Infekcijski oddelok splošne bolnišnice v Ljubljani (predstojnik: dr. Vojteh Pertet).

1. AGLINTSEV, K.K., prof. doktor tekhnicheskikh nauk; PERUMOVA, N.D., doktor meditsinskikh nauk

\*Principles of radium therapy\* by A.V.Kozlova. Reviewed by K.K.  
Aglintsev, N.D.Perumova. Vop.onk. 3 no.4:496-499 '57. (MIRA 10:11)  
(RADIUM--THERAPEUTIC USE)

PERSUNAPU, G.

Process of Static Dissolution of Salt in Salt Massifs by Fresh Water  
(Subterranean Dissolution of Salt). Revista Minelor (Mining Journal), #1:17 (Apr 15)

PERSZT.

POL.

2874

070.001.1

\* Perz T. Technical Analysis in the Tanning Industry.  
"Analiza techniczna w przemyśle guberkańca". Warszawa, 1953.

PWFT, 189, 218 pp., 47 figs., 83 tabs.

Principal chapters of the book: 1) General information; 2) Analysis of auxiliary materials and mineral tans; 3) Analysis of facts used by the tanning industry; 4) Analysis of dyes and covering pigments; 5) Analysis of vegetable and synthetic tans; 6) Analysis of the use of water in production, and of tannery effluents; 7) Analytical control of production processes; 8) Analysis of toward skins; 9) Physical tests of tanned skins; 10) Analysis of waste materials in the tanning industry.

1. TISHCHENKO D., PERSYANTSEVA M., FOLYADOV V.

2. USSR (600)

4. Nitriles

7. New type of terpene transformations. Part 12. Synthesis of nitriles of the homoterpene series. Zhur.ob.khim. 22 No. 10. 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

PERSZASZ, L.

Pharmacologic investigations of malononitrile. I. Anti-nicotinic aminoketones. B. J. Szabad, L. Czakó, J. Nagy, and K. Nádas (Med. Univ., Budapest). *Acta Physiol. Acad. Sci. Hung.*, 6, 95-108 (1947).--The following compds. were studied: 2-dimethylaminoethyl phenyl ketone (I), 2-diethylaminoethyl phenyl ketone (II), 2-piperidinoethyl phenyl ketone (III), 2-piperidinoethyl  $\beta$ -bromo-phenyl ketone, 2-piperidinoethyl 3,4-dimethoxyphenyl ketone, 2-piperidinoethyl naphthyl ketone, 2-morpholinoethyl phenyl ketone, 2-morpholinoethyl  $\beta$ -methoxyphenyl ketone, 2-morpholinoethyl  $\beta$ -bromophenyl ketone, 2-(2,6-dimethylpiperidino)ethyl phenyl ketone (IV), 2-[1,3-cyclohexadienyl-methyl(methyl)amino]ethyl phenyl ketone, 1-phenyl-2,3-dimethyl-4-piperidinomethylpyrazolone; 6,6-dehydro- $\alpha$ -piperidinomethyl phenyl ketone; and paracetil (V). I, II, III, and IV inhibited nicotine tremors and convulsions in rabbits and raised the lethal dose of nicotine in mice. In these tests II was more potent than V; III and IV were 4-5 times weaker. I, II, III, and IV were weak spasmolytic agents on rabbit and guinea pig isolated intestine; nicotine contractions were inhibited by lower concns. than were acetylcholine contractions. II, at 5 mg./100 g., inhibited water diuresis in rats. V did not exhibit this activity. These  $\beta$ -amino ketones did not antagonize tritacor (cardiazol) convulsions. These compds. possess a new type of analgesic activity since they were not atropine-like antispasmodic, ganglionic, or antihistaminic. S. Billa

1. TISHCHENKO, D. and PERSYANTSEVA, N. and FOLYADOV, V.
2. USSR (600)
4. Terpenes
7. New type of terpene transformations. Part 12. Synthesis of nitriles of the homoterpene series. Zhur. ob. khim. 22 no. 10, 1952.
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terpene series. Zhur. Obshchey Khim. 22, 1829-32 '52. (MLRA 5:11)  
(CA 47 no.18:9307 '53)

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Economic relations of socialist industrial enterprises and their role in achieving the socialist management and in strengthening the material incentive. Probleme econ 16 no.1:83-97 Ja '63.

PERTANYI, Gyula

Symptomatological relationship between rheumatic diseases on the basis  
of the nature of poly-systemic lupus erythematosus. Mary. belorv. arch.  
11 no.2-3:57-66 Apr-June 58.

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Dr. Petranyi Gyula egyetemi tanar) kozlemenye.

(LUPUS ERYTHERMATOSUS, DISSEMINATED  
diag., & differ. diag., relation to symptomtol. of other  
collagen dis. (Rheum))

PERTEK, JERZY.

Polacy na szlakach morskich swiata. Gdansk, Zaklad Narodowy im. Ossolińskich  
we Wroclawiu, 1957. 562 p. (Poles on the world's oceanic routes. illus.)

MiJW

Not in DLC

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

PERTEK, J.

The Polish fleet in World II. Pt. 1. On the far east course. (To be contd.)

P. 10, (Morze, Vol. 12, no. 2, Feb. 1957, Warszawa, Poland)

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February 1958

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PERTEK, J. The Polish merchant fleet in World War II. Pt.3. The evacuation of Norway and France. p.10. (ts). News in yacht building. p.12.

Vol. 11, No. 10, Oct. 1956

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Vol. 11, No. 8, Aug. 1956.  
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MILITARY & NAVAL SCIENCES  
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PERTEN, Yu.A., inzh.

Several peculiarities in the design and construction of belt  
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gor. zhur. no.3:100-104 '60. (MIRA 14:5)

1. Leningradskiy ordena Lenina i ordena Trudovogo Krasnogo  
Znameni gornyy institut imeni G.V.Plekhanova. Rekomendovana  
kafedroy rudnichnogo transporta.  
(Conveying machinery)

PERTEN, Yuriy Aleksandrovich, kand. tekhn. nauk; SUKHOV, I.V.,  
red.; GRIGOR'YEVA, I.S., red.izd-va; BELOGUROVA, I.A.,  
tekhn. red.

[New trends in the development of the mechanization of  
industrial conveying systems] Novye napravleniya v raz-  
vitiu sredstv mekhaniizatsii promyshlennogo konveiernogo  
transporta. Leningrad, 1963. 24 p. (Leningradskii dom  
nauchno-tekhnicheskoi propagandy. Obmen peredovym opy-  
tom. Seria: Mekhanicheskaiia obrabotka, no.5)  
(MIRA 16:5)

(Conveying machinery)

ISHNIYAZOV, D.; MUKHAMEDZHANOV, S.; PERTENAVA, V.A.

Mineralogy of the Tyubegatan salt deposit. Uzb.geol.zhur. 6  
no.4:61-71 '62. (MIRA 15:9)

1. Institut geologii AN UzSSR i Kashkadar' inskaya ekspeditsiya  
Uzglavgeologii.  
(Gissar Range--Salt deposits)

1. ROBEZNIYIKS, I. ; SKULME, K. ; PERTERSONE, M.
2. USSR (600)
4. Ascorbic Acid
7. Oxidation of ascorbic acid with gastric juice of man.  
Latv. PSR Zin. Akad. Vestis. 5. 1951.
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

CA

The radioactive thermal springs of the island of Iberia  
Michael L. Pettersen, Praktika Med. Akademie 14, 145-163  
(1939); Chem. Zentral 1940, 1, 350; cf. C. A. 33, 8109 (1940).  
The waters of the 8 springs investigated were high in Ra-226 and left the earth at a temp. of 33.5-55.7°. Tests of radioactivity showed values of over 300 Mache units (0.20-400) or over 100 microcuries (116.5-117.8) for 3 of the springs. These springs, therefore, are among the most highly radioactive of Europe. From the decay curves obtained for 2 of the springs it is concluded that the radioactivity is due to Ra. M. G. Moore

L 245911-65 EWT(l)/EWT(m)/EWP(w)/EWA(d)/EPR/I/EWP(t)/EED-2/EWP(b) IJP(c)

JD

ACCESSION NR: AP5003201

G/0030/65/008/001/0271/0281

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AUTHOR: Kleinstück, K.; Wieser, E.; Kleinert, F.; Perthel, R.

TITLE: Neutron diffraction studies of the structure of stoichiometric manganese ferrite and magnesium-manganese ferrite

SOURCE: Physica status solidi, v. 8, no. 1, 1965, 271-281

TOPIC TAGS: manganese ferrite, magnesium manganese ferrite, manganese ferrite structure, neutron diffraction, x ray diffraction, spinel lattice

18

ABSTRACT: In spite of the large number of published papers concerning the manganese-containing ferrites, results are often inconclusive or even contradictory (see, e.g., I. I. Yumzin, N. N. Belov, J. S. Nozik, J. Phys. Soc. Japan, Suppl. B-III 7, 55, 1962; S. Pichart H. A. Alperin, J. Phys. Soc. Jpn., Suppl. B-III 7, 57, 1962). Consequently, in this paper, the distribution of cations on the octahedral and tetrahedral sites of the spinel lattice of three polycrystalline ferrites containing manganese:  $Mn_{1.01}Fe_{1.99}O_3$ ,  $Mg_{0.52}Mn_{0.51}Fe_{1.97}O_4$ , and  $Mg_{0.73}Mn_{0.57}Fe_{1.70}O_3$ .0.986 was determined by neutron and X-ray diffraction. The

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compositions were determined by chemical analysis. Using the values obtained for the cation distribution and magnetic moments, the problem of cation valencies is discussed for these ferrites. It is concluded that manganese is partially present as Mn<sup>3+</sup>, which occupies octahedral sites together with Fe<sup>2+</sup>, whereas Mn<sup>2+</sup> occupies tetrahedral sites. These results disagree with the magnetic moment based on the findings of R. Nathans et al. (Proc. Inst. Electr. Engrs., B 104, Suppl. 5, 217, 1957). "The authors thank Mrs. H. Jahn who helped during the magnetic measurements, Chem. Eng. A. Funke for the preparations and analyses, and Grad. Physicist W. Brueckner for support during the X-ray investigations." Orig. art. has: 3 figures, 8 formulas and 4 tables.

ASSOCIATION: Institut fur Roentgenkunde und Metallphysik der Technischen Universität Dresden (Radiology and metal physics institute, Dresden technical university); Zentralinstitut für Kernforschung der Deutschen Akademie der Wissenschaften Rosendorf (Central nuclear research institute, German Academy of sciences); Institut für Magnetische Werkstoffe der Deutschen Akademie der Wissenschaften Jena (Magnetic materials institute, German Academy of sciences)

SUBMITTED: 280c:64

ENCL: 00

SUB CODE: SS, EM

NO REG 80V: 001  
Card 272

OTHER: 0026

PERTKIEWICZ, Marian; PISKORSKA, Zofia

Railroad accidents with reference to multiple fractures and  
injuries of the locomotor system. Chir. narzad. ruchu ortop.  
pol. 28 no.4:395-399 '63.

1. Z Centralnego Zarzadu Sluzby Zdrowia Min. Komunikacji  
Z Oddzialu Urazowego Szpitala PKP w Warszawie Dyrektor CZSZ  
i ordynator oddzialu: dr M. Pertkiewicz.

(ACCIDENTS, INDUSTRIAL) (RAILROADS)  
(STATISTICS) (FRACTURES) (ARM INJURIES)  
(LED INJURIES)

PERKIEWICZ, W.

Improving the condition of forests in the Upper Silesian Industrial District. p. 8

LAS POLSKI. (Ministerstwo Lesnictwa oraz Stowarzyszenie Naukowo-Techniczne Inżynierów i Techników Leśnictwa i Drzewnictwa) Warszawa, Poland. Vol. 29, no. 2, Feb. 1955

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

Uncl.

PERTL, E., Prim., dr.

Dr., Franjo Kogoj on his 60th birthday. Zdrav. vest., Ljubljana  
24 no.1-2:49-51 1955.

(BIOGRAPHIES

Kogoj, Franjo (S1))

(VENEREAL DISEASES,

contribution of Franjo Kogoj (S1))

PERTL, Eman

Mistaken diagnoses of skin diseases in general practice.  
Zdrav. vest., Ljubljana 24 no.1-2:35-38 1955.

(SKIN, dis.  
diag., mistakes in GP (S1))

PERTL, Eman

The treatment of skin diseases in general practice. Zdrav.  
vest., Ljubljana 24 no.7-8:288-292 1955.

1. Dermato-veneroloski oddsek splosne bolnišnice v Mariboru-  
sef primarij dr. Eman Pertl.  
(SKIN, dis.  
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PERTL, Eman,dr.

Present status in the treatment of venereal diseases, except  
syphilis. Med. glasn. 9 no.11-22:394-398 Nov-Dec 55

1. Dermatolosko odeljenje Opste bolnice u Mariboru (sef dr. E.  
Pertl)

(VENEREL DISASES, ther.  
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PERTL, Egon

PERTL, Eman

Biography and work of dr. Mirko Cernic. Zdrav. vest., Ljubljana  
23 no.3-4:46-49 1954.

(BIOGRAPHIES

\*Cernic, Mirko)

PERTL, Eman

SOURCE (In code); Given Name

Country: Yugoslavia

Academic Degrees: Prim Dr

Affiliation: Director (Predstojnik), Dermatological Section of the General Hospital (Dermatolski Oddelek Splosne Bolnišnice), Maribor  
Slovenia Ljubljana, Zdravstveni Vestnik, Vol XXX, No 1-2, 1961, pp 32-36

Data: "Preventive Measures in Dermatology."



PERTOLD, O.

"Survivals of Some Ancient Ceylonese Methods of Agriculture", P. 174,  
(CESKOSLOVINSKA ETHNODRAFIE, Vol. 1, No. 2/3, 1953, Praha, Czech.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,  
No. 3, Mar 1955, Uncl.

PERTOLD, C.

Dr. Vaclav Svoboda's study of the Nicobar Islands. p. 162.  
CESKOSLOVENSKA ETHNOGRAFIE. Praha  
Vol. 3, no. 2, 1955.

SOURCE: Monthly List of East European Acquisitions (EEAL), LC, Vol. 5,  
No. 3, March 1956

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"Rodiads; a contribution to the ethnography of Ceylon." (p.1). NARODOPISNY  
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No. 1/2, 1953.

SO: East European Accessions List, Vol 3, No 8, Aug 1954.

WRTOLOD, Zdenek

Tectonic pattern of the Proterozoic of the Barrandian mountain zone. Ces min gen. 9 národní-451-164.

Faculty of Natural Sciences of the Charles University, Prague  
Submitted February 24, 1963.

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"Draft of metallogenetic zoning of the Soviet Territories"  
by V.I. Smirnov. Reviewed Zdenek Pertold. Cas min geol 7  
no.375-377 '62.

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PERTOLD, Z.

Natural Sciences Faculty of Charles University (Fakulta Karlova vedecká  
fakulta Karlovy univerzity), Praha

Prague, Casopis pro mineralogii a geologii, No 4, 1964, p  
441-449

"Tectonic Style of the Proterozoic in the Barrandian-Silesian Tertiary  
Region."

PERTOLD, Milosk

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: Geological and Palenntological Institute, Charles University  
Geologicko-paleontologicky ustav University Karlovy), Prague

Source: Prague, Casopis pro Mineralogii a Geologii, Vol VI, No 3, 1961,  
pp 301-304.

Data: "Contribution to Tectonics of the West Bohemian Proterozoicum."

GPO 981643

NAGY, A. Tibor; PERTORINI, Rezso, dr.

On the clinical use of Melipramin (imipramine). Ideggyogy. szemle  
14 no.4:120-126 Ap '63.

1. A Debreceni Orvostudomanyi Egyetem Ideg- és Elmegyogyaszati  
Klinikajának (igazgató: Dr. Juhász Pál egyet. tanár) közleménye.  
(IMIPRAMINE) (DEPRESSION) (SCHIZOPHRENIA)  
(HYPERTENSION) (PSYCHOTHERAPY) (PSYCHOSES, INVOLUTION)

PERTORINI, Rezo, dr.; JUHASZ, Pal, dr.

Atypical epileptic psychoses. Ideg.szemle 13 no.2:33-45  
F '60.

1. A Debreceni Orvostudomanyi Egyetem Ideg es Elmeklinika janak  
(Igazgato: dr. Juhasz Pal egyet. tanar) kozlemenye.  
(EPILEPSY compl)  
(PSYCHOSES etiol)

PERTORINI, Rezso, dr.; VELOK, Gyula, dr.

Electroencephalographic studies in psychoses treated with  
antaeethyl. Ideg.szemle 13 no.1:15-21 Ja '60.

1. A Debreceni Orvostudomanyi Egyetem Ideg- és Elmegyogyaszati  
Klinikájának (Irázgató: Dr. Juhasz Pal egy. tanár) közleménye.  
(DISULFIRAM ther.)  
(PSYCHOSES ALCOHOLIC ther.)  
(ELECTROENCEPHALOGRAPHY)

WOHIMUTH, Gertrud; PERTORINI, Rezso; VEGHESLYI, Peter

Hypothermia and hibernation. XVI. Chlorpromazine in the therapy of premature infants. Gyermekgyogyaszat 10 no.1:1-11 Jan 59.

1. A Budapesti Orvostudomanyi Egyetem I. sz. Gyermekklinikajának (Igazgató: Dr. Gergely Kiss Pál akadémikus), Budapest Fováros Schopf Merei Ágoston Kórháza (Igazgató: Gergely Károly dr.) Salgotrjani uti osztálya (Főorvos: Wohlmuth Gertrud dr.) a Robert Károly uti Kórház (Igazgató: Krasznai Iván dr.) III. Ideosztálya (Főorvos: Ángyal Lajos dr. kandidátus) közleménye.

(INFANT, PREMATURE, dis.  
ther., chlorpromazine (Hun))  
(CHLORPROMAZINE, ther. use  
dis. of premature inf. (Hun))

JUHASZ, Pal, dr.; SADANYI, Attila, mr.; TCR K., pal, mr.; KOST, Sander, dr.; PERTVINI, Rezso, dr.

Village population morbidity in 1961. Orv. hetil. 1961 no. 37: 1742-1746 13 S 'ca.

... (arbeitsergebnisse von der Volkszählung 1961) Magyarország Földrajzi Iroazgatósága  
Juhasz : dr. .

KARDOS, Gyorgy, dr.; PEKTORINI, Rezsö, dr.

Psychiatric applications of chlorpromazine. Ideg. esemle  
8 no.3:65-70 June 55.

1. A Robert Karoly Koruti kozhorhas (igazgato: Krasznai Ivan dr.)  
noi ideg- es elmeosztalyanak (főorvos: Angyal Lajos dr., az  
orvostudomanyok kandidatusa) kolemenye.

(CHLORPROMAZINE, ther. use

ment. disord., eff. (Hun))

(MENTAL DISORDERS, ther.

chlorpromazine, eff. (Hun))

PERTORINI, Rezso, dr.; KLEININGER, Otto

Data on the clinical use of Rorschach test. Ideg.szemle 15 no.1:10-16  
Ja '62.

1. A Debreceni Orvostudomanyi Egyetem Ideg. es Elmegyogyaszati Klinika-  
kajanak (igazgato: Juhasz Pal dr., egyet. tanar) kozlemenye.

(RORSCHACH TEST)

Psychiatry

HUNGARY

HORVATH, Szabolcs, Dr., MESZAROS, Maria, Dr., HORANSZKY, Kornelia, Dr., KORONKAI, Bertalan, Dr., and PERTORINI, Rezso, Dr., Neurological Department for Male Functions (Director: PERTORINI, Rezso, Dr.) at the National Institute for Neurology and Psychiatry (Director: MARIA, Bela, Dr.)(Orszagos Ideg- es Elmegyogyintezet Ferfi Functionalis Idegosztalya) [location not given].

"Analysis of the Dynamics of Group Psychotherapy Sessions"

Budapest, Magyar Pszichologai Szemle, Vol 23, No 1-2, 1966, pp 146-157.

Abstract: The group psychotherapy sessions held at the authors' Institute since 1963 were analyzed and the data were presented in tables. The distribution of the approximately 100 patients involved according to symptoms was interpreted in terms of their behavior during the sessions. The various aspects of performance during the sessions were analyzed statistically. The principal functional groupings involved vivacity, group cohesion, influence of the doctor, and number of participants. 14 references, including 5 Hungarian, 3 German, and 6 Western.

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