

EXCERPTA MEDICA Sec. Vol.10/12 Phy.Biochem. Dec. 57
PORSZASZ J.

5349 PÓRSZÁSZ J., NÁDOR K., GIBISZER-PÓRSZÁSZ K. and BACSÓ I. Pharmakol. Abt., Forschungsinst. für Exp. Med., Ungarische Akad. der Wissenschaft., Budapest; Physiol. Inst., Med. Univ., Szeged. *Pharmakologie der Aminoketone. III. Vergleichende Untersuchungen mit Largactil (3-Dimethylaminopropyl-3-chlor-10-phenothiazin), Pacatal (N-Methyl-piperidyl-3-methyl-phenothiazin) und F-933 (1-Piperidinomethyl-benzodioxan). Pharmacology of aminoketones. III. Comparison with chlorpromazine. 10- [(1-methyl-3-piperidyl)methyl]phenothiazine and piperoxan ACTA PHYSIOL. ACAD. SCIENT. HUNG. (Budapest) 1957, 11/1 (95-107) Graphs 6 Tables 3

Aminoketones with antinicotinic action and adrenalytic effect reduce body temperature in rats and mice. The administration of narcotics (morphine and similar compounds) with aminoketones results in rapid cooling at an environmental temperature of 8° C.; in normal animals cooling does not occur at this temperature.

5399

CONT.

Narcotics raise body temperature when administered at room temperature but this effect is prevented by aminoketones. Some aminoketones potentiate the analgesic action of narcotics and ether. The increase in metabolic rate caused by various drugs is obliterated. Aminoketones with antinicotinic action are stated to be central ganglion-blocking agents.

De Boer - Grand Forks. N.D.

PORSZASZ, J.

BACSO, I.; PORSZASZ, J.; NADOR, K.

Adrenolytic amino ketones. Acta physiol. hung. 11(Suppl):96-97 1957.

1. Pharmakologische Abteilung des Forschungsinstituts für experimentelle Medizin der ungarischen Akademie der Wissenschaften.
Pharmakologisches Institut der Medizinischen Universität, Budapest
und Physiologisches Institut der Medizinischen Universität, Szeged.
(SYMPATHOLYTICS

amino ketones, analysis of structural groups required
for sympatholytic action (Ger))

PORSZASZ, J.

PORSZASZ, J.; SUCH, Gy.; PORSZASZ-GIBISZER, Katalin

Circulatory and respiratory chemoreflexes. I. Analysis of the site of action and receptor types of capsaicine. Acta physiol. hung. 12 no.1-3:189-205 1957.

1. Institute of Physiology, Medical University, Szeged.

(CAPSICUM

capsaicine eff. on circ. & resp. chemoreceptors, site of action & receptor types in dogs.)

(NERVE ENDINGS, eff. of drugs on same)

POBSZASZ, Janos (az orvostudományok kandidátusa); NADOR, Karoly, (a demiai tudományok kandidátusa)

Pharmacology of aminoketones. III. Effects on body temperature and metabolism and potentiating effects; comparative studies with largactil, pancatal and F-933. Magy. Tudom. Akad. Orv. Oszt. Kozl. 9 no.1:41-52 1958.

1. Az MTA Kísérleti Orvostudományi Kutató Intézet Gyógyszerkutatási Osztálya és a Szegedi Orvostudományi Egyetem Élettani Intézete.

(AMINES, eff.

aminoketones on body temperature & basal metab. in rats & potentiation of various drugs, comparative studies (Hun))

(KETONES, eff.

same)

(BODY TEMPERATURE, eff. of drugs on

aminoketones in rats, comparative studies (Hun))

(BASAL METABOLISM, eff. of drugs on

same)

MATKOVICS, B.; FOLDEAK, S.; TEGYESI, Zs.(Miss); CSEH, I.; PORZASZ, J.

Synthesis of substances effecting on G.M.S. Pt.6. Acta
phys chem Szeged 9 no. 3/4:143-147 '63.

1. Institute of Organic Chemistry, Jozsef Attila University,
Szeged (for Matkovics, Foldeak, Tegyesi). 2. Institute of
General and Physical Chemistry, Jozsef Attila University,
Szeged (for Cseh). 3. Institute of Physiology, Medical University,
Szeged (for Porzasz).

LAZAR, J.; MATKOVICS, B.; FOLDEAK, S.; PORSZASZ, J.

Synthesis on substances effecting on C.N.S. Pt.7.
Acta phys chem Szeged 9 no. 3/4:148-156 '63.

1. Institute of Organic Chemistry, Jozsef Attila University,
Szeged (for Lazar, Matkovics, Foldesak). 2. Institute of
Physiology, Medical University, Szeged (for Porszasz).

FOLDEAK, S.; CZOMBOS, J.; MATKOVICS, B.; PORSZASZ, J.

Synthesis of substances effecting on C.N.S. Pt.4. Acta phys
chem Szeged 9 no. 3/4:134-142 '63.

1. Institute of Organic Chemistry, Jozsef Attila University,
Szeged (for Foldeak, Czombos, Matkovics). 2. Institute of
Physiology, Medical University, Szeged (for Porszasz).

PORSZASZ, J.; SUCH, G.

The reflectory chronaxie of vasomotor reflexes. Acta physiol. hung. 14
no.1:13-26 1958.

1. Institute of Physiology, Medical University, Szeged.
(REFLEX
vasomotor, reflectory chronaxy)

PORSZASZ, J.

SUCH, G.; VICSAY, M.; PORSZASZ, J.

The problem of symmetry in the vasomotor reflex activities. Acta
physiol. hung. 14 no.1:27-38 1958.

1. Institute of Physiology, Medical University, Szeged.

(REFLEX

vasomotor, asymmetry of responses elicited from symmetrical
areas)

PORSZASZ, Janos; PORSZASZ-GIBISZER, Katalin; FOLDEAK, Sandor; MATKOVICS, Bela;
CZOMBOCS, Jozsef

Pharmacologic study of tertiary and quaternary aromatic aminoethers
with reference to their effect on the nervous system. Kiserl. orvo-
stud. 16 no.4:348-362 Ag '64.

1. Orvostudományi Egyetem Elettani Intézete, Szeged, Jozsef Attila
Tudományegyetem Szerreskémiai Intézete, Szeged.

HUNGARY

PORSZASZ, Janos, and GIBISZER-PORSZASZ, Katalin, Institute of Physiology at the Medical University (Orvostudományi Egyetem Élettani Intézete); and FOLDEAK, Sandor, and MATKOVICS, Bela, Institute of Organic Chemistry at the Scientific University (Tudományegyetem Szerves Kémiai Intézete), both in Pecs.

"Pharmacology of a New Neuroplegic Compound, N,N'-Di(Piperidinomethyl)-3,3'-Diindolyl-Methane"

Budapect, Acta Physiologica Academiae Scientiarum Hungaricae, Vol 29, No 3-4, 8 Jun 1966, pp 299-317.

Abstract: [English article] The title compound causes catalepsy, hypothermia, and reduction in metabolic rate even at low doses (3-5 mg /kg) in rabbits, cats, and dogs. The effect develops slowly and lasts several days. In anesthetized cats it reduces respiration rate, blood pressure, and inhibits carotid sinus pressor reflex. The vasomotor response to carbon dioxide remains. It has no antihistaminic, adrenolytic, antiacetylcholine, or antinicotinic effect. It does not paralyze the autonomic ganglia but blocks polysynoptic spinal reflexes. The analgesic effect is more effective than that of morphine. The compound potentiates ether, Evipan, and chlorpromazine. It synchronizes the cerebral electrical activity. 26 references, including 5 German, 9 Hungarian, and 12 Western. (Manuscript received 15 Jul 1965).

1/1

I. 32148-66

ACC NR: AT6023526

SOURCE CODE: HU/2505/65/027/002/0125/0133

AUTHOR: Porszasz, Janos--Porsas, Ya.; Barankay, Tamas--Barnakai, T.; Porszasz-Gibiszer, Katalin--Gibiser-Porsas, K.

ORG: Institute of Physiology, Medical University of Szeged (Szegedi Orvostudományi Egyetem, Elettani Intezet); Department of Stomatology, Medical University of Szeged (Szegedi Orvostudományi Egyetem Fogászati Klinika); Institute of Pharmacodynamics, Medical University of Szeged (Szegedi Orvostudományi Egyetem, Gyógyszerhatástani Intezet)

TITLE: Tonic expiratory vagal afferent fibres from the pulmonary stretch receptors

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 27, no. 2, 1965, 125-133

TOPIC TAGS: biologic respiration, muscle physiology, nervous system, neurology

ABSTRACT: The physiological properties of fibers from pulmonary stretch receptors, isolated from the cervical vagus of cats anesthetized with chloralose-urethane, curarized and artificially ventilated, have been studied. 1) In 23 per cent of the isolated fibers, the activity did not cease during the respiratory interval. 2) The activity during this interval depended on the duration, volume and frequency of the preceding inflations. 3) Changes in the blood oxygen and carbon dioxide content do not influence the activity of the fibers during the respiratory interval. 4) An insufficient inflation of the lungs does not explain the activity under review. The fibers remain active in cases of pneumothorax and the activity remains under the influence of the factors

Card 1/2

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1486

L 32148-66

ACC NR: AT6023526

specified under(2). 5) Since discharges cease in the examined fibers when the air is sucked out from the lungs, the receptors of these fibers appear to be stretch receptors with a very low threshold value. 6) It is suggested that the inhibition is due to post-excitation depression. 7) Since the fibers (receptors) under consideration presumably have the function to inhibit the respiratory center and since they remain active during the interval between two respirations in eupnea, the use of the term "tonic expiratory fibers"(receptors) is suggested to distinguish them from the stretch receptors which are active during inflation only (phasic expiratory receptors). 8) The physiological function of the tonic expiratory fibers is to facilitate the inhibitory effect of the phasic expiratory receptors on the respiratory center. Orig. art. has: 4 figures and 1 table. [Orig. art. in Eng.] /JPRS/

SUB CODE: 06 / SUBM DATE: 19May64 / ORIG REF: 001 / OTH REF: 007

15
Card 2/2

I 9748-66 EWT(1)/EWA(j)/EWA(h)-2 RO/RM

ACC NR: AP6001953

SOURCE CODE: HU/0018/65/017/001/0043/0050

AUTHOR: Porszasz, Janos—Porsas, Y.; Porszasz, Gibiszer Katalin; Foldeak, Sandor—³⁴
Feldeak, Sh.; Matkovics, Bela—Matkovich, B.

ORG: Institute of Physiology, Institute of Pharmacodynamics, Medical University of Szeged, Szeged (Szegedi Orvostudományi Egyetem Élettani Intézete, Gyógyszerhatástani Intézete); Institute of Organic Chemistry, Jozsef Attila University, Szeged (Jozsef Attila Tudományi Egyetem Szerveskémiai Intézete)

TITLE: Aminoethane and ethene derivatives having a curare effect⁶

SOURCE: Kiserletes Orvostudomány, v. 17, no. 1, 1965, 43-50

TOPIC TAGS: biochemistry, experiment animal, drug effect, pharmacology

ABSTRACT: It has been shown that 1-piperidino-2-phenyl-ethane (FMP-199) and 1-piperidino-2-phenyl-ethene (FMP-228) have an elective curare-like effect on cats, rabbits, mice, and frogs. They have practically no muscarine and nicotine-like effects. The curare-like activity is elicited by depolarization of the motor endplates. This is indicated by the fact that they cause fibrillar spasms and the blocking of the myoneural transmission can not be inhibited by prostigmine. According to the data, curare-like activity is present in such compounds which contain one tertiary N atom in which a phenyl radical is located at 4.6-5 Å distance from it. This ring is definitely needed for the effect since 1-N-piperidino-butane,

Card 1/2

L-9748-66

ACC NR: AP6001953

containing an aliphatic chain only, shows a nicotine-like effect, that is, affinity
mainly for the autonomic ganglionic receptors. Orig. art. has: 4 figures,
4 formulas, and 6 tables. JPRS

SUB CODE: 06 / SUBM DATE: 12Mar64 / OTH REF: 002

OC
Card 2/2

FOLDEAK, S.; MATKOVICS, B.; DOBO, I.; PORZASZ, I.

Synthesis of substances affecting the central nervous system.
Acta phys chem Szeged 10 no.1/2:41-56 '64.

1. Institute of Organic Chemistry of Attila Jozsef University, Szeged (for Foldeak and Matkovics).
2. Institute of Applied Chemistry of Attila Jozsef University. Szeged (for Dobo).
3. Physiological Institute of Szeged Medical University (for Porzasz).

PORSZASZ, J.; JANCZO, N.

Studies on the action potentials of sensory nerves in animals desensitized with capsaicine. Acta physiol.hung. 16 no.4: 299-305 '59.

1. Institute of Physiology, and Institute of Pharmacology.
Medical University, Szeged.

(PERIPHERAL NERVES pharmacol.)

(CAPISCUM pharmacol.)

HUNGARY/Pharmacology - Toxicology - General Problems.

V

Abs Jour : Ref Zhur Biol., No 4, 1959, 18433

Author : Porszasz, J., Nador, K., Gibiszer, -Porszasz, K.,
Bacso, I.

Inst : Hungarian Academy of Sciences

Title : Pharmacology of Aminoketones. III. Comparative Investi-
gation with Largactyl (3-dimethylaminopropyl-3-chlor-10-
phenothiazin), Pacatal (N-Methyl-piperidyl-3-methyl-
phenothiazin) and F-933 (1-Piperidino-methyl-benzodioxan)

Orig Pub : Acta physiol. Acad. sci. hung., 1957, 11, No 11, 95-107

Abstract : Rectal TO and absorption of O₂ were determined in rats
and mice. The experiments were conducted with substances
which possess strong antinicotinic (1-piperidyl-propio-
phenone; NA-65; I) and strong adrenergic action (N-pi-
peridyl-1-oxo-2-methyl-1,2,3,4-tetrahydronaphthalene;

Card 1/3

PORSZASZ, J.; BARANKAY, T.; SZOLCSANYI, J.; GIBISZER-PORSZASZ, Katalin;
MADARSZ, Klara

Studies of the neural connexion between the vasodilatator and vaso-
constrictor centres in the cat. Acta physiol. acad. sci. hung. 22
no.1:29-41 '62.

1. Institute of Physiology, Medical University, Szeged.
(VASOMOTOR SYSTEM)

PORSZASZ, J.; FOLDEAK, S.; MATKOVICS, B.; BARANKAY, T.; GIBISZER-PORSZASZ,
Katalin

Comparative pharmacology of N-substituted tertiary and quaternary
amino esters of acetic and propionic acid. Acta physiol. hung. 19
no.1-4:235-258 '61.
(ACETATES pharmacol.) (PROPIONATES pharmacol.)

PORSZASZ, Janos; SOMOGYI, Istvan

Electroencephalographic study on the "antagonism" between ether and barbituric acid in the cat. Kiserl. orvostud. 13 no.6:618-627 D '61.

1. Szegedi Orvostudományi Egyetem Elettani Intézete és Agykutató Intézete.

(ETHER ETHYL pharmacol)
(BARBITURATES pharmacol)
(ELECTROENCEPHALOGRAPHY exper)

PORSZASZ, J.; GELLEN, J.; PORSZASZ-GIBISZER, Katalin; KERTESZ, Erzsébet

Differences in Na and K content between the atrium and ventricle of the frog's heart and their dependence on metabolism. Acta physiol. akad. sci. hung. 21 no.1:55-63 '62.

1. Institute of Physiology, Medical University, Szeged.

(SODIUM chemistry) (POTASSIUM chemistry)
(MYOCARDIUM chemistry)

PORSZASZ, J.; SZABO, F.

A semiautomatic apparatus for making glass microelectrodes. Acta
physiol.hung. 18 no.2:121-124 '60.

1. Institute of Physiology, Medical University, Szeged.
(ELECTROPHYSIOLOGY equip & supply)

PORSZASZ, J.; NADOR, K.; GIBISZER-PORSZASZ, Katalin; BARANKAY, T.

The pharmacology of mydeton (mydocalm, 1-piperidino-2-methyl-3-p-tolyl-propanone-3), a new interneurone blocking compound. Acta physiol.hung. 18 no.2:149-170 '60.

1. Institute of Physiology, Medical University, Szeged and Pharmacological Research Department, Hungarian Academy of Sciences, Budapest.

(PARASYMPATHOLYTICS pharmacol)

PORSZASZ, J.; SUCH, Gy.; MADARASZ, I.; BERTA, M.; GIBISZER-PORSZASZ, Katalin.

Possibility of summation in the vasomotor and respiratory centre, electrophysiological investigations on the vagal nerve in the cat. Acta physiol. hung. 17 no.1:23-34 '60.

1. Institute of Physiology, Medical University, Szeged.
(VAGUS NERVE physiol.)
(VASOMOTOR SYSTEM physiol.)
(RESPIRATION physiol.)

SUCH, Gy.; POBSZASZ, J.

On the reversal of the vagal vasomotor reflexes. Acta physiol.
hung. 17 no.1:35-38 '60.

1. Institute of Physiology, Medical University, Szeged.
(VAGUS NERVE physiol.)
(VASOMOTOR SYSTEM physiol.)

PORSZASZ, Janos; SZABO, Ferenc

Isolation transformer of high frequency. Kiderletes Orvostudomány
11 no.6:671-672 December 1959.

1. Szegedi Orvostudományi Egyetem Élettani Intézete.
(PHYSIOLOGY, equip. & supply)

PORSZASZ, J.; GELLER, J.; BERTA, M.; PORSZASZNE-GIBISZER K.

Changes in potassium and sodium in cardiac ventricles and auricles in frog under the influence of metabolic poisons and ions. Kiserletes Orvostudomány 11 no.6:605-614 D '59.

1. Orvostudományi Egyetem Élettani Intézete Szeged.
(MYOGARDIUM metab.)
(POTASSIUM metab.)
(SODIUM metab.)

HUNGARY / Human and Animal Physiology (Normal and Pathological).
Internal Secretion. T

Abs Jour : Ref Zhur + Biologiya, No 13, 1958, No: 60576

Author : Sary, B.; Porszasz, J.

Inst : Not given

Title : The Clinical-Anatomical Study of the Pathogenesis of
Thymus Death

Orig Pub : Magyar belorv. archivum, 1955, 8, No 4, 116-122

Abstract : A sudden death in the Status thymicolymphaticus is re-
lated to a shock as a result of storage in the organism
of large amounts of acetylcholine due to a strong increase
in the function of the thymus (T) which paralyzes the
activity of cholinesterinase. Due to the hypofunction
of the adrenals as a result of their hypoplasia, the
shock cannot be counteracted. The injection of T
extracts lowers the blood pressure in cats and rabbits,

Card 1/2

HUNGARY/Human and Animal Physiology. Blood Circulation.
General Problems.

F

Abs Jour: Ref Zhur-Biol., No 20, 1958, 93182.

Author : Porszasz, J., Such, Gy., Porszasz-Gibiszor, Katalin.
Inst : ~~IB~~ Hungary.

Title : Circulatory and Respiratory Chemoreflexes.
I. Analysis of the Site of Action and Receptor Types
of Capsaicin.

Orig Pub: Acta physiol. Acad. Sci. Hung., 1957, 12, No 1-3, 189-205.

Abstract: In crucial experiments on dogs under morphine-chloralose
anesthesia a study was made of the localization of
receptors which, stimulated by capsaicin (I), produced
reflex reduction of the blood pressure, bradycardia, and
arrest of respiration (Bezold-Jarisch reflex). This
reflex response arose with the introduction of I into

Card : 1/3

LUNG RX/Human and Animal Physiology. Blood Circulation.
General Problems.

T

Abs Jour: Ref Zhur-Biol., No 20, 1958, 93182.

the area of bifurcation of the pulmonary artery, in the systemic veins, the ascending aorta, and the carotid sinus, but did not appear with introduction of I into branches of the pulmonary artery and the veins of pulmonary circulation. The reflex ceased when the vagus nerves were severed or chilled to 6 - 10 degrees. The carotid sinus reflex was retained after the chemoreceptor of this zone had been blocked with acetic acid but disappeared after treatment with cocaine, which shut off the baroreceptors. I did not stimulate the superior cervical sympathetic ganglion, which is controlled by reaction of the 3rd eyelid. The authors concluded that I could only stimulate baroreceptors, and that the reflex evoked by I when ad-

Card : 2/3

HUNGARY/Human and Animal Physiology. Blood Circulation.
General Problems.

Abs Jour: Ref Zhur-Biol., No 20, 1958, 93182.

administered to the bifurcation area of the pulmonary
artery was conditioned by the stimuli found in this
area of baroreceptors. ... K.M. Khalikova.

Card : 3/3

46

PORSZASZ, J.; NADOR, K.; GIBISZER-PORSZASZ, K.

Pharmacology of aminoketones. V. Heterocyclic and in the aromatic ring-substituted aminoketones. Acta physiol. hung. 14 no.4:403-409 1958.

1. Physiologisches Institut der Medizinischen Universität, Szeged,
Pharmakologische Abteilung des Instituts für Experimentelle Medizinische
Forschung der Ungarischen Akademie der Wissenschaften, Budapest.

(AMINES

heterocyclic & in aromatic ring-substituted aminoketones,
pharmacol. (Ger))

(KETONES

same)

PORSZASZ-GIBISZER, K.

✓ 2558. Cardiovascular and respiratory effects of capsaicin. J. Pórszász, L. György, and K. Pórszász-Gibiszter *Acta physiol. Acad. Sci. hung.*, 1955, 8, 61-78. — Capsaicin [caps] injected i.v. in high doses (200 µg./kg.) causes, in both dogs and cats, a fall in blood pressure. (A Bezold-Jarisch reflex.) Caps injected i.v. in small doses into cats has a strong vaso-pressor effect of peripheral character, also present in decapitated animals and in the presence of ganglionic blocking agents. It has such effect in the dog. It increases respiratory rate in both animals. On intracarotid injection caps. exerts a strong vasopressor effect due to a direct excitation of the vasomotor centre. It also stimulates respiration. This latter effect is present after anaesthesia of the carotid chemoreceptor area. It is a more powerful stimulant of the respiration than lobeline. On intracisternal injection in doses of 2-2 µg./kg. it is a strong respiratory stimulant and vasopressor substance. Ganglionic blocking agents inhibit the latter effect. (Hungarian)

Met

2/

PORSZASZ, J.; GELLEN, J.; PORSZASZ-GIBISZER, Katalin; KERTESZ, Erzsebet

Differences in Na and K content between the atrium and ventricle of the frog's heart and their dependence on metabolism. Acta physiol. akad. sci. hung. 21 no.1:55-63 '62.

1. Institute of Physiology, Medical University, Szeged.

(SODIUM chemistry) (POTASSIUM chemistry)
(MYOCARDIUM chemistry)

PORSZASZ, J.; SUCH, Gy.; PORSZASZ-GIBISZER, K.

Interoceptive circulatory and respiratory chemoreflexes. Acta physiol. hung. 11(Suppl):50-52 1957.

1. Physiologisches Institut der Medizinischen universitat, Szeged.
(REFLEX

interoceptive circ. & resp. chemoreflexes, study by
capsaicin in dogs (Ger))

HUNGARY/Human and Animal Physiology. Blood Circulation.
General Problems.

Abstr Jour: Ref Zhur-Biol., No 20, 1958, 93182.

Author : Porszasz, J., Such, Gy., Porszasz-Gibiszor, Katalin.
Inst : U.S Hungary.
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Abstract: In crucial experiments on dogs under morphine-chloralose
anesthesia a study was made of the localization of
receptors which, stimulated by capsaicin (I), produced
reflex reduction of the blood pressure, bradycardia, and
arrest of respiration (Betzold-Jarisch reflex). This
reflex response arose with the introduction of I into

Card : 1/3

45

LUNG: RZ/Human and Animal Physiology. Blood Circulation.
General Problems.

Abs Jour: Ref Zhur-Biol., No 20, 1958, 93182.

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Card : 2/3

HUNGARY/Union and Medical Physiology. Blood Circulation.
General Problems. T

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Card : 3/3

46

PORSZASZ, J.; SUCH, Gy.; PORSZASZ-GIBISZER, Katalin

Circulatory and respiratory chemoreflexes. I. Analysis of the site of action and receptor types of capsaicine. Acta physiol. hung. 12 no.1-3:189-205 1957.

1. Institute of Physiology, Medical University, Szeged.
(CAPSICUM

capsaicine eff. on circ. & resp. chemoreceptors, site of action & receptor types in dogs.)

(NERVE ENDINGS, eff. of drugs on same)

PORSZASZ, Janos; PORSZASZ-GIBISZER, Katalin; FOLDEAK, Sandor; MATKOVICS, Bela;
CZOMBOS, Jozsef

Pharmacologic study of tertiary and quaternary aromatic aminoethers
with reference to their effect on the nervous system. Kiserl. orvo-
stud. 16 no.4:348-362 Ag '64.

1. Orvostudományi Egyetem Élettani Intézete, Szeged, Jozsef Attila
Tudományegyetem Szerreskémiai Intézete, Szeged.

I 32148-66

SOURCE CODE: HU/2505/65/027/002/0125/0133

ACC NR: AT6023526

AUTHOR: Porszasz, Janos--Porsas, Ya.; Barankay, Taras--Barnakai, T.; Porszasz-
Gibiszer, Katalin--Gibiser-Porsas, K.

ORG: Institute of Physiology, Medical University of Szeged (Szegedi Orvostudományi Egyetem, Elettani Intezet); Department of Stomatology, Medical University of Szeged (Szegedi Orvostudományi Egyetem Fogászati Klinika); Institute of Pharmacodynamics, Medical University of Szeged (Szegedi Orvostudományi Egyetem, Gyógyszerhatástani Intezet)

TITLE: Tonic expiratory vagal afferent fibres from the pulmonary stretch receptors
SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 27, no. 2, 1965, 125-133

TOPIC TAGS: biologic respiration, muscle physiology, nervous system, neurology

ABSTRACT: The physiological properties of fibers from pulmonary stretch receptors, isolated from the cervical vagus of cats anesthetized with chloralose-urethane, curarized and artificially ventilated, have been studied. 1) In 23 per cent of the isolated fibers, the activity did not cease during the respiratory interval. 2) The activity during this interval depended on the duration, volume and frequency of the preceding inflations. 3) Changes in the blood oxygen and carbon dioxide content do not influence the activity of the fibers during the respiratory interval. 4) An insufficient inflation of the lungs does not explain the activity under review. The fibers remain active in cases of pneumothorax and the activity remains under the influence of the factors

Card 1/2

Card 2/2

L 32149-66

SOURCE CODE: IU/2505/65/027/002/0119/0123

ACC NR: AT6023525

AUTHOR: ~~Porszasz, Janos~~--Porsas, Ya.; ~~Barankay, Tamas~~--Barankai, T.; ~~Porszasz~~ ¹⁹
~~Gibisz, Katalin~~--Gibiser-Porsas, K. ^{B+}ORG: Institute of Physiology, Medical University of Szeged (Szegedi Orvostudományi Egyetem, Elejtani Intezet); Department of Stomatology, Medical University of Szeged (Szegedi Orvostudományi Egyetem Fogászati Klinika); Institute of Pharmacodynamics, Medical University of Szeged (Szegedi Orvostudományi Egyetem, Gyógyszerhatástani Intezet) ²²

TITLE: Studies of the neural connection between the hypothalamic depressor and vasodepressor areas in the cat

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 27, no. 2, 1965, 119-123

TOPIC TAGS: neurology, cat, nervous system, blood pressure, reflex activity

ABSTRACT: The neural connection between the hypothalamic depressor area and the vasodepressor area of the medulla oblongata has been studied in the cat. It was found that the fall in blood pressure, evoked by hypothalamic stimulation, failed to develop after dorso-ventral division of the medulla oblongata, at the height of the facial cranial nerve, over a width of 2-3 mm on both sides of the center line. Transection of this kind does not impair the effect of hypothalamic pressor impulses nor does it paralyze the vasomotor center. Presumably, there is a direct neural connection between the hypothalamic depressor area and the vasodepressor area of the medulla oblongata. It is suggested that the depressor area constitutes a vasodepressor reflex center which receives impulses both from the periphery and from the higher nervous centers. Orig. art. has: 4 figures. /Orig. art. in Eng./ [JPRS]

SUB CODE: 06 / SUBM DATE: 19May64 / ORIG REF: 002 / OTH REF: 004
Card 1/1 ⁰⁹¹⁵ ¹⁴⁸⁵

VOSTROKNUTOV, Ye.G.; PORT, B.S.; ZHURAVLEV, V.F.; NIKITINA, A.A.

Provide the rubber tire repair industry with the new type of equipment. Kauch. i rez. 24 no.8:33-35 '65. (MIRA 18:10)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti i nauchno-issledovatel'skiy i konstruktorskiy institut po oborudovaniyu dlya shinnoy promyshlennosti.

PORT, B.S.; VORONENKO, L.M.; Primali uchastiye: IVANOV, L.I.; MAYOROVA,
A.V.; PETROV, B.M.

Some problems of the improvement of the design and manufacture
of press molds for tread vulcanization. Kauch. i rez. 23 no.10:
44-46 0 '64. (MIRA 18:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy i konstruktorskiy
institut po oborudovaniyu dlya shinnoy promyshlennosti, g.
Yaroslavl'.

PORT, B.S., Inzh.; HIKITINA, A.A., Inzh.

Increasing the technical levels of equipment for the assembly
and repair of tires. *Khim. i nefte. mashinostn. no. 4:1-3 0 '64.*
(MIRA 17:12)

3/262/62/000/024/001/001
A154/A126

AUTHOR: Port, Miroslav

TITLE: Generator relay for internal combustion engine

PERIODICAL: Referativnyy zhurnal, Silovyye ustanovki, no. 24, 1962, 51, abstract
42.24.354 P. (Czech. pat.; cl. 21c, 52, no. 99285, April 15, 1961)

TEXT: Instead of contacts in the current limiting relay of the generator of an internal combustion engine working at varying rpm, it is proposed to install silicon diodes 3 (see figure) connected to the excitation winding 2 of the generator 1. The diodes block the circuit until a given voltage is reached, after which they pass the current; at the same time some of the ampere turns of the winding are cut out, and the voltage of the current at the generator terminals decreases. A buncher can be connected into the network. There is 1 figure.

A. Zhukov

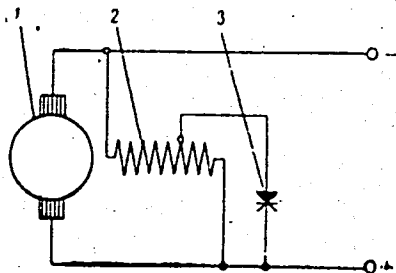
[Abstracter's note: Complete translation]

Card 1/2

Generator relay for internal combustion engine

S/262/62/000/024/007/007
A154/A126

Figure



Card 2/2

LAKH, V.I.; PORTAK, R.A.; TEREBUKH, L.S.

Prolonged measurement of the temperature of melts in aluminum
electrolyzers. Porosh. met. 5 no.1:96-97. Ja '65, (MIRA 18:10)

L. Konstruktorskoye byuro "Termopribor".

PORTALIMOV, G.T.

Method of improved trichinoscopy of pork. Veterinariia 37
no.9:79-80 S '60. (MIRA 14:11)

1. Nachal'nik Otdela proizvodstvenno-veterinarnogo kontrolya
Baranovichskogo myasokonservnogo kombinata.
(Trichina and trichinosis)
(Pork)

PORTARESCU, M.

"Chemistry and manufacture of cosmetics." Vol.1. Reviewed
by M. Portarescu. Farm Rum 11 no.11:704 M'63.

PORTARESCU, M.

"Qualitative analytic chemistry (semimicroanalysis)"
by [Acad. prof.] Raluca Ripan, [prof.] Ervin Popper,
[prof.] Candid Liteanu. Reviewed by M. Portarescu.
Farm Rum 11 no.12:761 D '63.

PORTARESCU, M.
~~SURNAME~~ (in caps); Given Namea

Country: Rumania

Academic Degrees: --

Affiliation: --

Source: Bucharest, Farmacia, No 6, 1961, pp 375-380.

Data: "New Rumanian Drugs: Carbaxin, Scobutil, Novazin, Norartrinal,
Procain, Supercortil."

OSTROMENTSKIY, Yuriy Tsezarevich; PORTAYEV, Lev Petrovich;
BYCHKOV, D.V., prof., doktor ~~tehn.~~ nauk, prof., red.;
OSIPOVA, E.M., red.

[Approximate and abridged methods of calculating statically indeterminate systems] Priblizhenrye i sokrashchennyye sposoby rascheta staticheski neopredelimykh sistem. Moskva, Stroiizdat, 1964. 174 p. (MIRA 17:12)

PORTASE, C., ing.

Labor organization in new furniture factories. Inc lemnului 14 no.5:
175-179 by '63.

PORTASE, C., ILE.

Operative planning of production targets and resources in commissioning
new furniture factories; a calculation method. Ind. Technol. 11, no. 7: 256-
259, Jul. '63.

BYCHKOV, Dmitriy Vasil'yevich, prof.dokt.tekhn.nauk;KLEYN,Georgiy Konstantinovich, prof.; FEDULOVA-LOKKENBERG, Lidiya Konstantinovna, dots.; PORTAYEV, ~~Lav Petrovich~~, dots.; OSTROMENTSKIY, Yuriy Tsezarevich, kand. ~~tekhn. nauk~~; CHELBAYEVA, Yevgeniya Mikhaylovna, assistant; GUSEV, Boris Mikhaylovich, inzh.; VILKOV, G.N., red. izd-va; TENKINA, Ye. L., tekhn. red.

[Manual for practical work in the theory of structures] Rukovodstvo k prakticheskim zaniatiyam po stroitel'noi mekhanike. Izd.2., ispr. i dop. Moskva, Gos. izd-vo lit-ry po stroit., arkhit., i stroit. materialam, 1961. 326 p. (MIRA 14:9)

(Structures, Theory of --Study and teaching)

PORTAYEV, L.P., kand. tekhn.nauk

De-signing beams for an anisotropic soil footing. Trudy MIIGS
no.8:106-119 '58. (MIRA 14:7)
(Beams and girders)
(Foundations)

VIRAGH, Szabolcs; PORTE, Aime

Studies in the innervation and stimulus conduction system of the heart on the basis of examining the heart of rats by means of an electronmicroscope. Biol orv közl MTA 13 no.1-2:159-190 '62.

1. Szegedi Orvostudományi Egyetem Korbonctani es Korszozettani Intezete es a Strasbourgi Egyetem Korbonctani es Korszozettani Intezete.

PORTELE, Jan

Importance of the technical standardization of work
and establishment of output standards. Prace mzda 11
no.10:481-485 0 '63.

FORTELE, Jan

Joint responsibility for the performance of tasks in technical
standardization of working processes. Prace msda 9 no.11:502-
504 N '61.

PORTENKO, L. A.

The bird fauna of the extra-polar part of the North Urals: Moscow, Izd-vo Akademii nauk SSSR, 1997. 240 p.

Yudin J690.R3P6

PORTENKO, I.A.

Survey of the Palearctic *Remiz pendulinus* L. and its taxonomic
evaluation. Trudy Zool. inst. 18:459-492 '55. (MLRA 9:2)
(Titmice)

PORTENKO, L.A.

New subspecies of passerine birds (Aves, Passeriformes). *Trudy*
Zool. inst. 18:493-507 '55. (MIRA 9:2)
(Passeres)

PORTENKO, L.A.; IVANOV, A.I., doktor biol.nauk, otvetstvennyy redaktor;
~~GOLOVNIN, M.I., red.izd-va; BLEYKH, E.Yu., tekhn.red.~~

[Wild birds useful and harmful to agriculture] Pлезnye i vrednye
v sel'skom khoziaistve dikie ptitsy. Moskva, Izd-vo Akad.nauk SSSR,
1957. 132 p. (MIRA 11:2)
(Birds, Injurious and beneficial)

AKRAMOVSKIY, N.N., ARNOL'DI, L.V., BEI-BIYENKO, G.Ya., BORKHSENIUS, N.S.,
VREESHCHAGIN, N.K., DAL', S.K., D'YAKONOV, A.M., KIRICHENKO, A.N.,
KIR'YANOVA, Ye.S., KOZHANCHIKOV, I.V., KRYZHANOVSKIY, O.L.,
LEPNEVA, S.G., LIKHAREV, I.M., LOGINOVA, M.M., NIKOL'SKAYA, M.N.,
NOVIKOV, G.A., POPOV, V.V., PORTENKO, L.A., RYABOV, M.A., TER-MINASYAN,
M.E., CHERNOV, S.A., SHTAKEL'BERG, A.A.; PAVLOVSKIY, Ye.N., akad.,
glavnyy red., VIHOGRADOV, B.S., [deceased], red.; KOZLOVA, G.I., red.
izd-va.; PEVZNER, R.S., tekhn. red.

[Animals of the U.S.S.R.] Zhivotnyi mir SSSR. Moskva. Vol. 5. [Mountain
provinces of European Russia] Gornye oblasti evropeiskoi chasti
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1. Akademiya nauk SSSR. Zoologicheskiy institut.
(Zoology)

PORTENKO, L. A.

"Ornithological Investigations in North-Eastern Asia."

paper submitted at 12th International Congress of Ornithologists.
Helsinki, 5-12 June 1958.

PORTENKO, Leonid Aleksandrovich; PAVLOVSKIY, Ye.N., akademik, glavnyy red.; BYKHOVSKIY, B.Ye., red.; STRELKOV, A.A., red.; STRELKOV, A.A., red.; SHTAKEL'BERG, A.A., red.; IVANOV, A.I., red.izdaniya; GOLOVNIN, M.I., red.izd-va; ARONS, R.A., tekhn.red.

[Birds of the U.S.S.R. Pt.4.] Ptitsy SSSR. Pt.4. Moskva, Izd-vo Akad.nauk SSSR, 1960. 414 p. (Opredeliteli po faune SSSR, no.69.) (MIRA 13:3)

1. Direktor Zoologicheskogo instituta AN SSSR (for Pavlovskiy). (Passeriformes)

PORTENKO, L.A.

First All-Union Ornithological Conference. Trudy Probl. i
tem. sov. no.9:3-12 '60. (MIRA 13:9)

1. Uchenyy sekretar' Pervoy Vsesoyuznoy ornitologicheskoy
konferentsii.

(Ornithology--Congresses)

PORTENKO, L.A.

Life and scientific achievements of Mikhail Aleksandrovich
Menzbir. Trudy Probl. i tem. sov. no.9:13-22 '60.
(MIRA 13:9)

1. Zoologicheskii institut Akademii nauk SSSR.
(Menzbir, Mikhail Aleksandrovich, 1855-1935)

PORTENKO, L.A.

Ornithogeographical regionalization of the territory of the
U.S.S.R. Trudy Zool. inst. 35:61-66 '65. (MIRA 19:1)

1. Zoologicheskii institut AN SSSR.

PORTENKO, L.A., otv. red.; SMIRNOVA, N.V., red.izd-va; ZAMARAYEVA,
R.A., tekhn. red.

[Fauna of Kamchatka Province] Fauna Kamchatskoi oblasti;
trudy. Moskva, Izd-vo AN SSSR, 1963. 116 p.

(MIRA 17:1)

1. Kamchatskaya kompleksnaya ekspeditsiya, 1959-1962.

PORTENKO, Leonid Aleksandrovich; KISHCHINSKIY, Aleksandr Aleksandrovich; CHERNYAVSKIY, Feliks Borisovich; SMIRNOVA, N.V., red.izd-va; ZAMARAYEVA, R.A., tekhn. red.

[Mammals of the Koryak Range; materials on their distribution, abundance, biology and economic significance] Mleko-pitaushchie Koriatskogo nagor'ia; materialy po rasprostraneniuu chislennosti biologii i ekonomicheskomu znacheniiu. Moskva, Izd-vo AN SSSR, 1963. 129 p.

(MIRA 16:12)

(Koryak Range--Mammals)

PORTENKO, L. A.

New subspecies of passerine birds (Aves, Passeriformes). Report
No. 2. Trudy Zool. inst. 30:385-394 '62.

(MIRA 15:10)

(Passeriformes)

PORTENKO, L.A.

Results of ornithological exploration in Kazakhstan. Trudy
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1. Zoologicheskii institut AN SSSR.
(Kazakhstan—Birds)

L 07176-67 EWT(d) LJP(c)

ACC NR: AP6031190

SOURCE CODE: UR/0041/66/018/005/0060/0068

AUTHOR: Portenko, N. I. (Kiev)

18
B

ORG: none

TITLE: Concerning integro-differential equations for distributions of ¹⁶probabilities of additive functionals from diffusion processes

SOURCE: ¹²Ukrainskiy matematicheskiy zhurnal, v. 18, no. 5, 1966, 60-68

TOPIC TAGS: integrodifferential equation, partial differential equation, functional equation

ABSTRACT: The problem of finding the distribution of probabilities of an additive functional from a diffusion process is considered. An integro-differential equation is obtained for the characteristic function of the functional. This equation is a generalization to a wider class of the functionals involved in the well known results of M. Kac and E. B. Dynkin. A theorem concerning the existence and uniqueness of the solution of the equation obtained is proved. Conditions are found under which the integro-differential equation is equivalent to a certain partial differential equation. The author expresses gratitude to I. I. Gikhman, Corresponding member of the AN UkrSSR, for constant attention to the work. Orig. art. has: 9 formulas.

SUB CODE: 12/ SUBM DATE: 29Jan66/ ORIG REF: 006/ OTH REF: 001

Card 1/1 *eqs*

PORSZASZ, J.; GELLER, J.; BERTA, M.; PORSZASZNE-GIBISZNE I.

Changes in potassium and sodium in cardiac ventricles and auricles
in frog under the influence of metabolic poisons and ions. Kiserle-
tes Orvostudomány 11 no.6:605-614 D '59.

1. Orvostudományi Egyetem Élettani Intézete Szeged.
(MYOCARDIUM metab.)
(POTASSIUM metab.)
(SODIUM metab.)

10

PROCESSES AND PROCEDURES INDEX

Preparation of *m*-nitroaniline. V. G. Gulinov and A. P. Puzi. *Ukrain. Khim. Zhur. S. Wiss.-tech. Teil.* 201-11 (1934).—In order to evaluate technical possibilities of various processes for prepn. of *m*-nitroaniline, the following methods were tested: Wulff method of reduction of $\text{CaH}_2(\text{NO}_2)_2$ (Ger. pat. 67,018, 1891) gave a 35-40% yield; reduction of $\text{CaH}_2(\text{NO}_2)_2$ by means of Fe and H_2SO_4 ; reduction of $\text{CaH}_2(\text{NO}_2)_2$ by alkali sulfide and polysulfides; the latter gives 92% yields, the product being pure and giving stable diazo salts. I. G. Tolbin

METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

PORTALIMOV, G.

More about the veterinary and sanitary inspection of horse
meat. Mias.ind.SSSR 31 no.5:32 '60. (MIRA 13:9)

1. Baranovichskiy myasokombinat.
(Horse meat) (Meat inspection)

PORTALIMOV, G. T. (Head of the Division of the Industrial Veterinary Control (OPVK),
Baranovichi Meat-Canning Combine).

"A method for improving the microscopic observation of Trichinella in pork."

Veterinariya, Vcl. 37, No. 9, p. 79, 1960.

PORTARSKI, G.

Treatment of various forms of tuberculosis with ACTH, cortisone and antibacterial preparations. Suvrem. med., Sofia 8 no.12:97-104 1957.

1. Iz Sanatoriuma na SGMS--s. Svoge (Gl. lekar: V. Vasilev).
(TUBERCULOSIS, PULMONARY, ther.
drug ther. (Bul))

PORTARSKI, G.

Intolerance to anti-tuberculosis preparations PAS, isonicotinic acid hydrazide and streptomycin. Suvrem. med., Sofia 9 no.5:56-63 1958.

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to isoniazid, PAS & streptomycin, skin tests (Bul))

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allergy, skin tests (Bul))

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same)

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same)

PORTAYEV, L. P.

Portayev, L. P.

"Taking into Account Anisotropic Ground in Calculating Structures." Moscow: Inst of Municipal Construction Engineers of the Moscow City Executive Committee. Moscow, 1955 (Dissertation for the degree of Candidate in Technical Science)

SO: Knizhnaya letopis' No. 27, 2 July 1955

BYCHKOV, Dmitriy Vasil'yevich, prof., doktor tekhn.nauk; KLEYN, Georgiy Konstantinovich, prof.; AFANAS'YEV, Aleksandr Milent'yevich, dotsent, kand.tekhn.nauk; LOKKENBERG, Lidiya Konstantinovna, dotsent; ~~PORTAYEV, Lev Petrovich, kand.tekhn.nauk~~; CHELBAYEVA, Yevgeniya Mikhaylovna, assistent; GUSEV, Boris Mikhaylovich, aspirant; SMIRNOV, A.F., prof.; VILKOV, G.N., red.izd-va; GILNENSON, P.G., tekhn.red.

[Guide to practical studies in structural mechanics] Rukovodstvo k prakticheskim zaniatiyam po stroitel'noi mekhanike. Pod obshchei red. D.V.Bychkova. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam, 1959. 327 p. (MIRA 12:10)

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Smirnov).

(Structures, Theory of)

14(10)

SOV/170-59-5-17/18

AUTHORS: Lokkenberg, L.K., Candidate of Technical Sciences, Docent, and Portayev, L.P., Candidate of Technical Sciences

TITLE: "Mechanical Properties of Ground Foundations" ("Mekhanicheskiye svoystva gruntovykh osnovaniy",)

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, 1959, Nr 5, pp 118-120 (USSR)

ABSTRACT: This is a review of the book with the above mentioned title written by I.I. Cherkasov, Doctor of Technical Sciences, Professor, and published by the publishing house "Nauchno-tekhnicheskoye izdatel'stvo avtotransportnoy literatury" (Scientific Technical Publishing of Literature for Automobile Transport) in 1958. The reviewers highly evaluate this book and recommend it for those readers for whom it was written, i.e., members of engineering geological surveying teams and engineers-designers of automobile roads and airfields.
There is one Soviet reference.

Card 1/1

AID P - 4616

Subject : USSR/Aeronautics - education
Card 1/1 Pub. 135 - 5/23
Author : Portenko, I. Ya., Capt.
Title : From the experience in educational work of squadron commanders.
Periodical : Vest. vozd. flota, 4, 26-29, Ap 1956
Abstract : The author describes how to properly organize the political and military education of personnel in a bomber squadron. The article is of little value.
Institution : None
Submitted : No date

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Efficacy of cytologic examination of bronchial secretions and direct smears in the diagnosis of pulmonary disease. Krebsarzt 6 no.3-4:82-86 Apr 1951.
(CIWL 20:9)

1. Of the Patho-Anatomical Institute (Head--Prof. H. Chiari, M.D.) of Vienna University.

PORTENKO, I.A.

Age and seasonal changes in the plumage of eiders. Trudy
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(Eiders)

PORTENKO, L. A.

21637

PORTENKO, L. A. Fauna nazemnykh pozvonochnykh (ptits i mlekopitayushchikh) Chukatskogo polucstrova i ostrova Wrangelya. Trudy Vtorogo Vsesoyuz. Nauch. S"yezda. T. Sh. M., 1949, s. 204-10.

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[Birds of the U.S.S.R.; part 2] Ptitsy SSSR. Chast' II, Moskva,
Izd-vo Akademii nauk SSSR, 1953. 343 p. (MLRA 6:11)
(Birds)

2
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Mbr., Zoological Inst., Acad. Sci., -c1950-.

"New Subspecies of Birds from the Wrangel Island," Dok.

AN, 43, No. 5, 1944;

"New and Rare Findings of Birds in the Extreme Southeast

USSR," *ibid.*, 70, No. 2, 1950.

PAVLOVSKIY, Ye.N., akademik; PORTENKO, L.A.

First All-Union Congress on Ornithology. Zool.zhur. 35 no.9:
1428-1436 S '56. (MLRA 9:12)
(Ornithology--Congresses)

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PORTENKO, Leonid Aleksandrovich. Dnepr i Pridneprov'ie. Moskva, Gosizdat, 1923.
192 p. (Rodnaia Priroda).

HN

DLC: Unclass.

Soi LC, Soviet Geography, Part II, 1951/Unclassified

ALEKSANDROV, A.M., inzh.; BAZHENOV, V.S., inzh.; BOBROVNIKOV, B.N.,
inzh.; VAGANOV, M.P., inzh.; GUREVICH, B.M., inzh.;
DZHIBELLI, V.S., inzh.; DROBAKH, V.T., inzh.; ISAKOVICH,
R.Ya., kand. tekhn. nauk; KAPUSTIN, A.G., inzh.; KONENKOV,
K.S., inzh.; MININ, A.A., kand. tekhn. nauk; PEVZNER, V.B.,
inzh.; PESKIN, G.L., inzh.; PORTER, L.G., inzh.; PRYADILOV,
A.N., inzh.; SLUTSKIY, L.B., inzh.; FEDOSOV, I.V., inzh.;
FRENKEL', B.A., inzh.; TSIMBLER, Yu.A., inzh.; SHUL'GIN,
V.Kh., inzh.; ESKIN, M.G., kand. tekhn. nauk; VOROB'YEV,
D.T., inzh. [deceased]; SINEL'NIKOV, A.V., kand. tekhn.
nauk; SHENDLER, Yu.I., kand. tekhn. nauk, red.; NESMELOV,
S.V., inzh., zam. glav. red.; NOVIKOVA, M.M., ved. red.;
RASTOVA, G.V., ved. red.; SOLGANIK, G.Ya., ved. red.;
VORONOVA, V.V., tekhn. red.

[Automation and apparatus for controlling and regulating produc-
tion processes in the petroleum and petroleum chemical industries]
Avtomatizatsiia, pribory kontrolya i regulirovaniia proizvodstven-
nykh protsessov v neftianoi i neftekhimicheskoi promyshlennosti.
Moskva, Gostoptekhizdat. Book 3. [Control and automation of the
processes of well drilling, recovery, transportation, and storage
of oil and gas] Kontrol' i avtomatizatsiia protsessov burenii
skvazhin, dobychi, transporta i khraneniia nefti i gaza. 1963.
551 p. (Automation) (MIRA 16:7)
(Petroleum production--Equipment and supplies)

PORTER, M. N.

Portable Tripod. Voenno-Meditsinskiy Zhurnal, No 1, p 73. 1955

FEYGEL'SON, Yakov L'vovich; PORTER, Mikhail Seménovich; ZAYTSEV, Viktor Ivanovich; VERZHBINSKAYA, I.I., inzh., red.; GVIRTS, V.L., tekhn. red.

[Making sectional hard-alloy dies]. Opyt izgotovleniia sostavnykh tverdosplavnykh shtampov. Leningrad, 1961. 20 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Omen peredovym opytom. Seria: Mekhanicheskaiia obrabotka metallov, no.2) (MIRA 14:7)
(Dies (Metalworking))

PORTER, R.

"Complexity of γ -globulin and of antibodies"

Ceskoslovenska Mikrobiologie. Praha, Czechoslovakia. Vol. 3, no. 4, 1958

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 7, July 59, Unclas

PORTER, YE, S.

"On Laboratory Control of the Quality of Disinfection in Baku during the period 1953-1955," a report given at the first republic scientific-practical conference of physician-bacteriologists of the Scientific Research Institute of Epidemiology, Microbiology, and Hygiene of the Ministry of Health Azerbaydzhan SSSR held in Baku, 25 Apr 56.

SUM: 1360 p. 239