

YUGOSLAVIA

CIRIC, V., First Internal Medicine Clinic (I Interna  
Klinika), Veterinary Faculty (Veterinarski Fakultet),  
Belgrade.

"Bulbar Paralysis as a Symptom of a Nervous Form of  
Distemper."

Belgrade, Veterinarski Glasnik, Vol 17, No 5, 1963, pp  
289-290.

Abstract: The author describes two cases of dogs with a  
nervous stage of distemper in which signs of chronic-pro-  
gressive bulbar paralysis (as distinct from acute and  
pseudobulbar) were discovered. No references.

1/1

- E N D -

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CSO: 2000-11

CIRILOV, S.

Polarization of protons from  $C^{12}(d,p)C^{11}$  reaction as a function of the incident deuteron energy. <sup>1/1</sup> ~~Silva D. Cirilov and Mira K. Juric (Inst. Nuclear Sci. "Boris Kidrich," Belgrade, Yugoslavia). *Bull. Inst. Nuclear Sci. "Boris Kidrich" (Belgrade) 9, No. 172, 39-41(1959).*—The polarization of protons from the  $C^{12}(d,p)C^{11}$  reaction was measured as a function of energy of the incident deuteron in the vicinity of the resonant energy at 1.16 m.e.v. The polarization varies rapidly with bombarding energy and at the peak of the resonance the polarization is 0. H. H. Hyman~~

2-443C

~~Silva~~ → CIRILOV, S.D.

Distr: 4E3c/4E3d

~~Polarization of protons from  $C^{12}(d,p)C^{13}$  reaction with deuterons of 1000 e.kv. M. K. Juric and Silva D. Cirilov (Inst. Boris Kidrich, Belgrade, Yugoslavia). Phys. Rev. 112, 1224-6(1958).~~ Nuclear emulsion detection of polarization of 1000-e.kv. deuteron-produced protons elastically scattered in C shows that at 20 and 140° production angle pos. polarizations occur with magnitudes of, resp.,  $54.3 \pm 0.6$  and  $20.4 \pm 12.6\%$ . Jack J. Bulloff

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CIREN, A.

"A valuable substitute for the willow: Clematis vitalba. " p. 40. (REVISTA PADURILOR, Vol. 68, no. 8, Aug. 1953, Bucuresti, Rumania)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 4, April 1954, Uncl.

CIRIN, A.; BUNDAU, I.

"Vegetative hybridization of evonymus". p. 140, (REVISTA PADURILOR, Vol. 69, No. 3, Mar. 1954, Bucuresi, Rumania)

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

CIRIN, A.; NISTOR, I.

"Methods of running reservations for seed production". p. 207, (REVISTA PADURILOR, Vol. 69, No. 5, May 1954, Bucuresi, Rumania)

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

CIRIN, A.

"Contributions to the Knowledge of the Phenology of the Late-blooming Oak",  
P. 374, (REVISTA PADURILOR, Vol. 69, No. 8, August 1954, Bucharest, Rumania)

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

CIRIN, A.; LAZAR, G.

Cultivation of the pine Taxodium distichum. Rich. in nurseries. p. 427.  
REVISTA PADURILOR. Bucuresti.  
Vol. 70, no. 9, Sept. 1955

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 2,  
February 1956



CIRIN, A.; ANCA, A.

Natural regeneration of acacia from seed. p. 537. REVISTA PADURILOR.  
(Asociatia Stiintifica a Inginerilor si Technicienilor din Romania si al  
Ministerului Agriculturii si Silviculturii) Bucuresti. Vol. 70, no. 11,  
Nov. 1955.

So. East European Accessions List Vol. 5, No. 8 August, 1956

CIRIN, A.

Contributions to the cultivation of osiers. P. 343. REVISTA PADURILOR.  
Bucuresti. Vol. 70, No. 7, July 1956. •

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

CIRIN, Liviu, ing.; FOTOCEANU, Ion, ing.; IONESCU, Gh., ing.

Economic relations of socialist industrial enterprises and their role in the achievement of socialist management and strengthening of material incentives. Probleme econ 16 no. 5: 140-142 My '63.

1. Director comercial, Uzinele de vagoane-Arad (for Cirin).
2. Director general, Combinatul siderurgic Resita (for Potoceanu).
3. Director tehnic, Uzinele "Steagul rosu", Brasov (for Ionescu).

CIRJAN, Emil, ing.

Asynchronous motors with two revolutions. Electrotehnica 12  
no.1/2:70 Ja-F '64.

PAUNESCU, C., conf.; SEROPIAN, E., dr.; COMOROSAN, S., dr.; OANCEA, R., dr.;  
SORIN, E., dr.; SAFIRESCU, Gh., dr.; PANAITESCU, Gh., dr.; SOIMU, I., dr.;  
GRECEANU, I., dr.; CIRJE, M., chim.

Clinical and biochemical aspects of atherosclerosis in young persons.

Med. intern. 14 no.8:937-944 Ag '62.

(ARTERIOSCLEROSIS) (HYPERCHOLESTEREMIA)

(LIPOPROTEINS)

SIMIC, M.; CIRKOVIC, D.; MARINKOVIC, D.; SLJIVIC, V.

Incorporation of Na-formiates-C into bases of desoxyribonucleinic acid and ribonucleinic acid of the spleen cells in vitro after primary antigenic stimulation. Bul sc Youg 7 no.1/2:14 F-Ap '62.

1. Institut "B. Kidric," Vinca, Beograd.

\*

GLISIN, V.; SIMIC, M.; CIRKOVIC, D.

A simple chromatographic method for determining specific activity of the bases in marked nucleic acids. Bul se Young 7 no.1/2:14 F-Ap '62.

1. Institut "B. Kidric," Vinca, Beograd.

\*

CIRKOVIC, S.

The effect of poisonous gases and first aid.

p. 40 (Vojni Glasnik. Vol. 10, no. 8, 1956. Beograd, Yugoslavia)

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



9.4360 (32.03, 104-2064)  
9.7140  
15.2210 1275 1145, 1136

86717

R/004/60/000/007/002/002  
A231/A026

AUTHORS: Ivaşcu, Vasile, Engineer, Chief of Laboratory; Rozemberg, Mihai, Candidate of Sciences, University Lecturer; Tanach, Valentin, Engineer, Researcher; and, Cirlan, Lucia, Engineer, Chief Researcher; (Bucharest)

TITLE: Magnetic Ferrite Cores for Application in Radioengineering, Automation and Telecommunications. (Ferrites With Rectangular Hysteresis Loops)

X

PERIODICAL: Electrotehnica, 1960, No. 7, pp. 247-254

TEXT: The authors present the results of some studies conducted at the ICET (Electric Engineering Research Institute) with regard to the production of magnetic oxide materials (ferrites) with a rectangular hysteresis loop, to be used in electronic computers, automatic telephone exchanges, etc. The ICET investigations led to the development of several types of memorizing and switch cores with the corresponding characteristics presented in Table 1. Reference is made to J. Goodenough (Ref. 3) who described the properties of ferrites with a rectangular hysteresis loop. For their investigations, the authors prepared

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R/004/60/000/007/002/002  
A231/A026

Magnetic Ferrite Cores for Application in Radioengineering, Automation and Telecommunications. (Ferrites With Rectangular Hysteresis Loops)

the following three compositions: "HA", with ratio of  $\frac{\text{MnO}}{\text{MgO}} = \frac{1}{2}$ ; and "H", with a ratio of  $\frac{\text{MnO}}{\text{MgO}} = \frac{8}{3}$ ; and "V", a composition similar to in which 50 % of the

MgO have been replaced by ZnO. The granulation of the raw material was of the  $1 \mu$  order. Toroidal-shape pieces of different sizes have been prepared (Table 2). Measurements of size, density, hysteresis loop, initial permeability, reversal time, and variations of the hysteresis loop with the temperature have been accomplished. The results of the measurements are compiled in Figures 6, 7, 8, and 9, and Tables 3 and 4. The "HA" composition proved to be useful for memorizing circuits. The "H" composition can be used in switching circuits and telecommunications due to a low  $R_s$  coefficient, although the "V" composition is more advantageous for these purposes because of the low coercive force ( $\leq 0.2$  Oe). Different factors of heat treatment, i.e., temperature, cooling time, etc., have a certain influence on the properties of these compositions. An increase of the temperature and of the duration of the heat treatment, generally increases

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R/004/60/006/007/002/002  
A231/A026

Magnetic Ferrite Cores for Application in Radioengineering, Automation and Telecommunications. (Ferrites With Rectangular Hysteresis Loops)

the  $B_m$  maximum induction and the  $B_r/E_s$  ratio, but reduces the coercive force. An exception could be found at the H (I) composition after slow cooling. The characteristics of the cores are also depending on their dimensions. The values of the initial permeability of the cores produced (Table 3) are a direct consequence of the property of composition and treatment. The  $\mu_i$  value drops with the increase of the MnO content from the "H" composition to the "HA" composition via the "V" composition. With the "H" composition,  $\mu$  increases with the growing treatment temperature, or with the duration of the treatment. "HA", type IV, and "V", type II cores treated at 1,350° for 5 hours and then cooled rapidly, proved to be the best materials for memorizing and switch cores. In function of their application for which the cores with a rectangular hysteresis loop are determined, the following parameters are decisive for obtaining good performances: composition, shape and size of the cores, and heat treatment conditions. There are 10 figures, 5 tables, and 7 references: 3 Soviet, 3 English, 1 French.

ASSOCIATION: ICET (El. Engineering Research Institute), (Ivaşcu, Tanach, Cirlan);  
Universitatea "C.I. Parhon" (University) (Rezemberg)

SUBMITTED: February 25, 1960  
Card 3/3

CIRIJC, J.

Marginal notes on the article " Interpret and Utilize Correctly the Principle of Unity of Science and Practice."

p. 285.

Vol. 5, no. 6, 1955

ZA SOCIALISTICKOU VEDU A TECHNIKU

Praha, Czechoslovakia

Source: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, no. 2  
February 1956, Uncl.

CIRLIC, J.

Contribution to the discussion of the study of dialectical materialism, p. 327, ZA SOCIALISTICKOU VEDU A TECHNIKU (Prípravny vybor vedeckych technickch spolecnosti pri eskosloveske akademii ved) Praha, Vol. 5, No. 7, July 1955

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 4, No. 12, December 1955

CIRLIC, J.  
CIRLIC, J.

Growth of mildew on cotton fabrics; temperature in proportion to the quantity of spores. p. 75. (Textil, Praha, Vol. 9, No. 3, Mar. 1954)

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

CIRLIC, J

CIRLIC, J.

Research work in the textile industry. p. 324. (Textil, Praha, Vol. 9, No. 11, Nov. 1954)

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

GIRLIC, J.

Decomposition of cotton with fungi. Chekh. biol. 3 no.4:226-232 Oct 54.

1. Mikrobiologicheskiy institut biologicheskogo fakul'teta universiteta v Brno i Issledovatel'skiy institut shersti, Brno.

(FUNGI,  
decomposition of cotton)

(COTTON,  
decomposition by fungi)



CIRIL, J.

Problems of transit transportation within the jurisdiction of the Direction of  
Railroads in Ljubljana. p.7

ZELEZNICE, Beograd, Vol 12, No. 2, Feb. 1956

SO: EEAL, Vol 5, No. 7, July, 1956

Cirlic J.

2

✓ Theory and practice of the blending of wool with artificial fibres. I. The tenacity, elongation at break and yarn twist in the manipulation of the two components. J. Cirlic and J. Kokojan (*Faserforsch. u. Textiltech.*, 1958, 7, 17-26). A discussion is given of the relationship between the strength of mixed wool/artificial fibre spun yarn and the strength of the individual component fibres, and of the factors which influence this relationship (including the tenacity, elongation at break, and twist of the component fibres and twist of the spun yarn). A triangular graph is proposed for evaluating the strength properties of the mixed spun yarn, and its use is illustrated for fixing the properties of mixed spun yarns containing wool blended with varying proportions of yarns of viscose rayon and of silk. A discussion is also given of the factors which vary the strength, etc. of the spun yarns in subsequent weaving and in woven fabrics.

H. L. WHITEHEAD.

CIRLIC, J.

A study of kemp wool fibers.

p. 217 (Tekstilna Industrija) Vol. 5, No. 6/7, June/July, 1957, Belgrade, Yugoslavia

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

CIRLIC, J.

Viscose staple fibers in the wool industry. I. Efforts toward improving viscose staple fibers. in foreign countries.

P. 206, (Textil) Vol. 12, no. 6, June 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

CIRLIC, J. ; POSPICALOVA, D. ; VAVERKA, J.

Cellulose staple fiber in the wool industry; crimped viscose staple fiber.

P. 325. (TEXTIL) (Praha, Czechoslovakia) Vol. 12, no. 9, Sept. 1957

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

COUNTRY	: Czechoslovakia	H-24
CATEGORY	:	
ABS. JOUR.	: RZhim., No. 22 1959No.	80616
AUTHOR	: Girlic, J.	
INST.	: Not given	
TITLE	: Viscose-Wool Blends. I. Strength and Elongation. II. Load-Elongation Curves. III. Surface Wear and Crease Wear.	
ORIG. PUB.	: Textil (Czechoslovakia), 13, No 2, 44-49; No 3, 93-95; No 5, 168-172 (1958)	
ABSTRACT	: No abstract.	

CARD: 1/1

Country : Czechoslovakia H-34  
Category : Chemical Technology. Chemical Products and Their  
Applications. -- Dyeing & Chem. Treatment of Text.  
Abs. Jour R. Zh. - Khim., No. 11, 1959 Materials. 41106  
Author : Cirlic, J.  
Institut. : Not given  
Title : Wool/Viscose Rayon Staple Fiber Blends. III.  
Surface Wear and Wear by Flexing.  
Orig Pub. : Textil (Czechoslovakia), 13, No 4, 128-129 (1958)  
Abstract : The theoretical principles and test methods are  
described. For Part II see RZhKhim, 1955, 22367.  
I. Fodiman

Card: 1/1

CIRLIC, J.; POSPICALOVA, D.; VAVERKA, J.

Degree of wrinkle resistance. p. 88.

TEXTIL. (Ministerstvo lehkeho prumyslu) Praha, Czechoslovakia. Vol. 14,  
no. 3, March 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11,  
November 1959.

Uncl.



MARUTA, Al.; CIRLIG, A.

Hydraulic conveying in pipes under pressure. Meteorologia hidrol  
gosp 7 no.3:199-205 '62.

CIRLIG, A.; MARUTA, Al.

On the annular hydroelevator. Hidrotehnica 8 no.3:109-111 Mr '63.

GTMIC, A.

Infiltrating toward a drain through a curved porous stratum. Studi  
vere me: apl 16 no.4:983-992 '62.

I. Hydrotechnical Research and Study Institute, Bucharest.

GIRLIG, Gh.

Care of internal combustion engines during cold weather. Constr  
Buc 15 no. 728;2 21 D '63.

CIRLIG, M., ing.

Exposition of National Economy Achievements of Rumania. Cel hirtie  
13 no.8:310-312 Ag '64.

Country : Rumania  
Category= : Chemical Technology. Chemical Products and Their Applications.- Instruments and Automation H-3  
Abs. Jour. : Ref Zhur - Khim., No 11, 1959 38934  
Author : Nemeth, A. and Cirlogan, C.  
Institut. : Not given  
Title : The Application of Thermal Magnetic and Infrared Gas Analyzers in the Production of Acetylene from Methane  
Orig. Pub. : Rev Chim., 8, No 2, 93-99 (1957)  
Abstract : In the production of acetylene from methane, a thermomagnetic analyzer is used for the determination of O<sub>2</sub>, and an infrared analyzer is used for the determination of acetylene. A description of the procedures used in the measurements is given together with a discussion of the construction of the instruments used.  
From authors' summary

CIRLOGAN, C.

Plant experiences with magnetic and infrared gas analyzers during the production of acetylene from methane.

p. 164 (Magyar Kemikusok Lapja. Vol. 12, no. 5/6, May/June 1957, Budapest, Hungary)

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

CIFANGA, Meodor, ing.

Tia rod beams for scaffolding. Constr Buc 17 no.782: 2 5 Ja '65.



CIRMAN, Ciril

The newer classification of the group of diseases known as  
ostitis fibrosa. Zdrav. vest., Ljubljana 24 no.7-8:277-282  
1955.

1. Ortopedska klinika medicinske fakultete v Ljubljani-  
predstojnik prof. dr. Bogdan Breclj.  
(OSTITIS FIBROSA,  
classif. (S1))

CIRLUGEA, Eleodor, ing.; NEGUT, I.C.; RISNOVEANU, C.

On the I.S.C.M. construction sites, Braila. Constr Buc 17 no.  
798:1 24 Ap '65.

CIRMAN, V.

Health risks of electric welding in light of present concepts. p. 92.

Vol. 5, no. 3, Mar. 1956

ZVARAIE

Bratislava, Czechoslovakia

Source: East European Accession List. Library of Congress  
Vol. 5, No. 8, August 1956

CIRMAN, Vladimír, MUDr.

Present concepts on health hazards in electrical welding.  
Pracovní lek. 8 no.1: 45-53 Jan 56.

1. Ústav hygieny práce a chorob z povolání, Praha, reditel  
prof. MUDr. J. Teisinger.  
(INDUSTRIAL HYGIENE,  
in electrical welding (Cs))

CIRMAN, V.

Health risks in electric welding in the light of modern conceptions.  
(Conclusion) p. 120.

ZVARANIE Vol. 5, no. 4, Apr. 1956

Czechoslovakia

Source: EAST EUROPEAN LISTS Vol. 5, no. 7 July 1956

CIRMAN, Vladimir, MUDr.; ROKL, Jindrich, PhMr.

Opinion of hygienists on cleaning and disinfection of passenger cars.  
Zel dop tech 10 no. 1:20-21 '62.

CIRMAN, Vladimir; HEJDA, Stanislav

Regimen of work, rest and nutrition in locomotive crews working on long-distance tracks. Prac. lek. 16 no.9:404-407 N '64

1. Ustredni ustav zeleznicniho zdravotnictvi v Praze (reditel MUDr. K. Vostatek) a Ustav pro vyzkum vyzivy lidu v Praze (reditel prof. dr. J. Masek, DrSc.).

CIRMAN, Z.

Some imperfections of chemical standards. p. 243.

NORMALISACE. Vol. 5, no. 11, Nov. 1956

Praha, Czechoslovakia

SOURCE: East European List (EEAL) Library of  
Congress, Vol. 6, No. 1, January 1957



Category= :  
Abs. Jour. : 39651  
Author : Cirman, Z.  
Institut. : Not given  
Title : Rubber Gasket Rings Used in the Pharmaceutical Industry  
Orig. Pub. : Obaly, 3, No 4, 112-114 (1957)

Abstract : The author has investigated methods for testing some of the properties of rubber gasket rings. Special attention is devoted to the determination of the effect of heat on the surface of the rings, chemical attack, pyrogenic properties, smoothness, and color. The presence of heavy metals and of other types of cations and anions has also been determined.

Card: 1/1

H-66

CIRMAN, Z.

Survey of standardization activities in the production of immunobiological preparations. p. 111. (Normalisace, Vol. 6, No. 5, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

CIRMAN, Z.

"Problems of technical terminology in applications concerning chemical and pharmaceutical inventions." p. 15.

VYNALEZY A NORMALISACE, OCHRANNE ZNAMKY, CHRANENE VZORY. (Urad pro vynalezy a normalisac). Praha, Czechoslovakia, Vol. 3, No. 4, Apr. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,  
August 1959.  
Uncla.

CIRMAN, Z.

Requirements concerning description of chemical and pharmaceutical inventions. p. 3.

VYNALEZY. (Uran pro patenty a vynalezky) Praha, Czechoslovakia. Vol. 3, no. 10, Oct. 1959.

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

Uncl.

CIRMAN, Z.

"Eliminating the creation of glass powder in ampoules." P. 180.

SKLAR A KERAMIK. (Ministerstvo lehkeho prumyslu). Praha, Czechoslovakia,  
Vol. 9, No. 6, June 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,  
August 1959.  
Uncla.

CIRMAN, Z.

Documentation of inventions for equipment for pharmacy and  
related fields. Cesk. farm. 13 no.7:381-384 S '64.

CIRMAN, Zdenek

Possibilities for protecting inventions in the field of technical control in chemistry. Chem prum 14 no.12:662-663 D '64

1. Patent and Invention Office.

PETRESCU, Al.; ATHANASIU, Pierrette; CIRNARU, Stela; PANCU, V.; VILCU-BOJINCA, Ioana

Biological characteristics of an inframicrobiol germ isolated from infants with an acute toxic respiratory syndrome. Stud. cercet. inframicrobiol. Bucur. 11 no.4:587-596 '60.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.  
(VIRUSES) (RESPIRATORY TRACT INFECTIONS microbiology)



BURLUI, Ada; OLARIU, Ana; BUSCA, Victor; CIRMARU, Stela

Should the prognosis of malignant congenital osteo-petrosis be  
revised? Reumanian M Rev. no.3:42-48 '61.  
(OSTEOPETROSIS in inf. & childh.)  
(INFANT NEWBORN diseases)

CIRNU, I.

Acceleration of winter repairs by means of a better supply of spare parts and materials.

p. 33 (Mecanizarea Si Electrificarea Agriculturii) No. 1, Jan. 1957, Bucuresti, Romania

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

RUMANIA/Human and Animal Physiology (Normal and Pathological) T  
Nervous System. Higher Nervous Activity. Behavior.

Abs Jour : Ref Zhur Biol., No 6, 1959, 27047

Author : Cirnu, V.

Inst :

Title : Conditioned Defensive Reflexes in Animals with Unilate-  
ral Removal of Cerebral Cortex. A. Cortical Represen-  
tation of Pain Sensitivity. B. Auditory Differentiation.  
C. Postoperative Defensive Inhibition.

Orig Pub : Studii si cercetari neurol. Acad. RFR, Inst. neurol.,  
1957, 2, No 1, 117-133

Abstract : Motor defensive positive and differentiated conditioned  
reflexes (CR) to auditory stimuli were produced in dogs  
and cats with removed left side of cerebral cortex in-  
dependently of that to which paw (contra- or ipsilateral  
in relation to injury) stimulation was applied. With  
this, in the first case more combinations were required

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RUMANIA/Human and Animal Physiology (Normal and Pathological) T  
Nervous System. Higher Nervous Activity. Behavior.

Abs Jour : Ref Zhur Biol., No 6, 1959, 27047

than in the second case. Respiratory CR under the same conditions were produced faster and were more stable than motor reflexes. Apparently, surface pain sensitivity is represented in both hemispheres; furthermore, its contralateral representation is prevalent.

Card 2/2

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CIFONEANU, I.  
SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees: -Dr.-

Affiliation: -not given-

Source: Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol VI,  
No 5, Sep-Oct 1961, pp 397-407.

Data: "The History and Control of Trichinosis in Our Country."

CIRONEANU, I., dr.

Factors conditioning the epidemiology and epizootology of trichinellosis in the Arges region. Microbiologia (Bucur) 8 no.4: 345-351 JI-Ag '63.

(TRICHINOSIS) (EPIDEMIOLOGY)  
(SWINE DISEASES) (DOG DISEASES)  
(CAT DISEASES) (RODENT DISEASES)  
(CARNIVORA)

STOENESCU, A.; CIRCNEANU, I.; SIRBU, E.; VISAN, C.; MINASCURTA, C.;  
BRETEANU, E.; MOLDOVAN, T.

Observations on the distribution, incidence, economic importance  
and control of bovine hypodermatosis in the Rumanian People's  
Republic. Wiad. parazyt. 11 no.1:296-304 '65.

OLTEANU, Gh., dr., candidat in stiinte veterinare; CIRONEANU, I., dr.;  
CRISTESCU, M., dr.; ALMASAN, H., biolog, candidat in stiinte  
biologice; SIREU, E., dr.; LUPU, A., dr.; NESTEROV, V., dr.

Trichinellosis in domestic and wild animals in the Rumanian  
People's Republic. Microbiologia (Bucur.) 10 no.3:257-264  
My-Je '65.



SOFONEA, I.; CALCANDI, V.; CIROPOL, Josefina; RETEZEANU, Maria

Contributions to the dynamics of the accumulation of cardiotonic  
glycosides in the leaves of *Digitalis purpurea* L. Rumanian M. Rev.  
2 no.2:94 Apr-June 58.

(DIGITALIS

*purpurea*, dynamics of accumulation of cardiotonic glycosides  
in leaves)

RUMANIA

CIRONEANU, I., Dr, of the Ministry of Light Industry (Ministerul Industriei Usoare), SIMION, Elena, Veterinarian, of IRIC [unidentified] Bucharest, CADIS, A., Eng, of the IRIC, Cluj, BADEA, Ecaterina, Eng, and CHEBAC, C. of IRIC, Galati.

"Investigations on Cattle Hypodermosis in Rumania."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13, No 6, Jun 63, pp 67-74.

Abstract [Authors' English summary modified]: It was found that hypodermosis is most frequent in the sub-Carpatian, hilly and plateau regions, less frequent in the plains, and rare in the Danube lake region. The frequency of hides depreciated by hypodermosis increases rapidly starting in March, reaches its apex in April-May, is still quite high in June-August and then gradually diminishes. Intensity and frequency of affliction is higher for young bulls than for adult cattle, in some areas as much as 2.2 times. Because of their localization in the dorsal region, hypodermoses damage the most valuable part of the hide and thus reduce its value by about 50 percent. Contains 1 table, 2 graphs, 3 figures and 13 Rumanian references.

1/1

PAMBUCCIAN, Gr.; CIRONEANU, I.

Observations on experimental trichinellosis in white rats. Rumanian  
med. rev. no.2:8-13 '62.

(TRICHINOSIS)

CIROVIC, R.

Situation of railroads in the United States. p. 30

ZELEZNICE, Beograd, Vol 12, No. 2, Feb., 1956

SO: EEAL, Vol 5, No. 7, July, 1956

POPOVICI, Calin; CIRSMARU, Magdalena; DINESCU, Alexandru; SINGEORZAN,  
Ion Corvin

Visual observations of the earth's artificial satellites carried  
out at Station 1131 of the Astronomical Observatory in Bucharest  
during the period January 1-December 31, 1963. Studii astron  
9 no. 1:101-111 '64.

POPOVICI Galin; DINESCU Alexandra; CIRSMARU, Magdalena; CORVIN SINGEORZAN,  
Ion

Visual observations of artificial satellites obtained at the  
(1131) Bucharest Station in 1964. Studii astron 10 no.1:113-  
125 '65.

1. Astronomical Observatory, 5 Cutitul de Argint St., Bucharest.

CIRSTEA, Dumitru, ing. principal (Craiova); TENESCU, Virgil, ing. (Craiova)

Experimental research on the cooling of power transformers.  
Electrotehnica 10 no.9:347-354 S '62.

1. Uzinele "Electroputere", Craiova.

CIRSTEA, D., ing.; MATHE, B., ing.; PANCIU, A., ing.

On errors in recording strong currents when using measuring transformers. Metrologia apl 11 no. 7:297-302 J1 '64.



CIRSTEA, D., ing. (Craiova); MATHE, E., ing. (Craiova); OGREZEANU, St.,  
ing. (Craiova); PANOIU, A., ing. (Craiova); TUDORACHE, C., ing.  
(Craiova).

Studies on the commutating capacity of the IUP-110 switch, under  
laboratory and network conditions. Pt. 1. Electrotehnica 12 no.4:  
132-141 Ap '64.

1. "Electroputere" Plant, Craiova.

L-49227-65

ACCESSION NR: AP5015214

RJ/0004/64/000/007/0241/0249

3  
8

AUTHOR: Girstea, Dumitru(Engineer)

TITLE: Experimental determination of axial forces in power transformers

SOURCE: Electrotehnica, no. 7, 1964, 241-249

TOPIC TAGS: electric transformer, electric power engineering, magnetic induction

Abstract [Author's English summary modified]: The author reviews the various experimental methods described in the literature for the determination of the axial forces in power transformers and describes the methodology used at the Electroputere plants to determine the radial distribution of magnetic induction and the radial stresses of various types of power transformers. Orig. art. has 8 figures, 3 graphs, and 4 tables.

ASSOCIATION: Uzinele "Electroputere", Craiova(Electric Power Works)

SUBMITTED: 16Mar64

ENCL: 00

SUB CODE: EE, EM

NO REF SOV: 004

OTHER: 018

JPRS

Card

1/1

CIRSTEA, D.; COJOCARU, I.; GACIU, C.; OGREZEANU, S.; STANCIU, V., ing.;  
TOMA, Gh., ing.

Investigations on the dynamic and thermal stability of transformers in case of an abrupt short circuit. Energetica Rum 13 no.1:17-28 Ja '65.

1. Chief Engineer, "Electroputere" Plant (for Cirstea, Cojocaru, Gaciu, OGREZEANU). 2. Head of the Transformer Technical Department, "Electroputere" Plant (for Toma). 3. Head of Homologation Department, M.I.C.M. (for Stanciu).  
Submitted July 20, 1964.

CIRSTEA, M.

EXCERPTA MEDICA Sec 18 Vol. 2/10 Cardio. Diseases Oct. 58

2971. *Roles of the pulmonary and bronchial circulations in the production of bronchomotor effects by intravenously administered drugs* Cercetari asupra rolului circulației pulmonare și al circulației bronșice în producerea efectelor bronhomotoare prin agenți farmacologici administrați intravenos CIRSTEA M. and GRUNSPAN M. *Insl. de Fiziol. Normala și Patol., București Stud. Cercet. Fiziol.* 1957, 2/3-4 (435-439) Graphs 1

In a dog with a left tracheotomy, the bronchus of the left lower lobe was intubated, under artificial respiration, with a tube carrying a small balloon connected to a Marey drum for registration of bronchomotor effects. Via the anatomical space formed after dissection and isolation of the artery and veins of the left lower lobe from the bronchus in question, a small cuff of thin rubber was introduced around the intubated bronchus, in such a way that the bronchial vessels could be compressed without interfering with the pulmonary circulation. By alternating exclusion of the pulmonary and the bronchial circulation to the lobe in question it was shown that drugs injected i.v. produce their bronchomotor effect via the pulmonary circulation, the bronchial circulation playing only a minor role. (II, 18)

RUMANIA/Human and Animal Physiology. The Sensory Organs

T-13

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65818

Author : Cirstea M.

Inst : -

Title : An Investigation of the Mechanism of Adaptation of Intestinal  
and Splenic Interoceptors to Chemical Stimuli

Orig Pub : Fiziol. norm. si patol., 1957, 4, No 2, 143-150

Abstract : No abstract

Card : 1/1

EXCERPTA MEDICA Sec 2 Vol 12/5 Physiology May 59

1946. ACTION OF ADRENALINE ON BRONCHIAL MUSCULATURE AND PULMONARY VESSELS IN THE DOG - *Acțiunea adrenalinei asupra musculaturii bronhice și a vaselor pulmonare la câine* - Cirstea M. and Grunspan M. - *STUD. CERCET. FIZIOL.* 1958, 3/2 (211-219) Graphs 4

The technique used permitted simultaneous registration of bronchomotor and vaso-motor effects of adrenaline perfusing the lower lobe of the left lung, the artery, vein and bronchus of which had been isolated without injury to the nerve fibres. In 27 of the 30 dogs used, adrenaline caused vasoconstriction in the perfused lobe, and in 23 dogs it had no effect on the broncho-pulmonary musculature. The vasoconstrictor effect was suppressed or reversed by yohimbine and the consequent vasodilator effect persisted after injection of atropine. Perfusion rates ranging from 5 to 150 ml./min. made no difference to the results, nor did the use of phenobarbital as anaesthetic or the use of curarized instead of urethan-anaesthetized dogs.

Graur - Bucharest

CIRSTEA, M.; GRUNSPAN, M.

Studies on the inactivation of the endogenous histamine in the lungs of dogs. Studii cerc fiziol 4 no.4:547-552 '59. (EEAI 9:9)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.Danielopolu" al Academiei R.P.R., Laboratorul de fiziologie pulmonara. 2. Secretar stiintific, Comitetul de redactie, Studii si cercetari de fiziologie (for Cirstea)

(HISTAMINE)

(LUNGS)

(CURARE)

(ANTIGENS AND ANTIBODIES)

CIRSTEA, M.

Action of heparin upon the anaphylactic bronchospasm in dogs. Studii  
cerc fiziol 5 no.2:399-403, 1960. (EEAI 10:2)

1. Institutul de fiziologie normala si patologica " Prof. Dr.  
D.Danielopolu" al Academiei R.P.R., Comitetul de redactie, Studii  
si cercetari de fiziologie, secretar stiintific, Studii si cercetari  
de fiziologie.

(HEPARIN) (ANAPHYLAXIS)  
(BRONCHI) (SPASMS)



CIRSTEA, M.

Researches on the anaphylactic bronchoconstriction in dogs. Studii  
cerc fiziol 5 no.3:579-586 '60. (EEAI 10:2)

1. Institutul de fiziologie normala si patologica "Prof. Dr.  
D.Danielopolu" al Academiei R.P.R., Comitetul de redactie, Studii  
si cercetari de fiziologie, secretar stiintific.  
(BRONCHI) (ANAPHYLAXIS)

KIRSTYA, M.D. [Girstea, M.D.] (Bukharest)

Histamine. Usp. sovr. biol. 51 no.1:21-33 Ja-F '61. (MIRA 14:3)  
(HISTAMINE)

GRUNSPAN, M.; CIRSTEA, M.; SUHACIU, G.

Release and metabolization of endogenous histamine in the lung of dogs with alloxan diabetes. Rumanian M Rev. no.1:166-169 Ja-Mr '61.

1. The "Prof. Dr. Danielopolu" Institute of Normal and Pathological Physiology, R.F.R. Academy. Director: Acad. Prof. Gr. Benetato.  
(DIABETES MELLITUS experimental) (HISTAMINE metabolism)

CIRSTEA, M.

On the mechanism of belated death due to anaphylactic shock in the  
guinea pig. Rev. sci. med. 7 no.1/2:33-35 '62.  
(DEATH) (ANAPHYLAXIS) (PROMETHAZINE)

GIRSTEA, M.; SUHACIU, Gh.

Considerations on the mechanism of the anti-anaphylactic effect of Tween on dogs. Rev. sci. med. 8 no.3/4:107-109 '63.

(ANAPHYLAXIS) (SURFACE-ACTIVE AGENTS)

CIRSTEA, M.; SUHACIU, G.; BUTCULESCU, Ioana

Evaluation of the role of bradykinin in anaphylactic shock.  
Stud. cercet. de fiziol. 10 no.2:165-177 '65.

RUMANIA / Soil Science. Genesis and Geography of Soils.

J-1

Abs Jour : Ref Zhur - Biologiya, No 16, 1958, No. 72627

Author : Popovat, M.; Cirstea, S.

Inst : Rumanian Academy

Title : Paleopedological Data on the Genesis of Some Modern Soils

Orig Pub : Comun. Acad. RFR, 1957, 7, No 5, 559-566

Abstract : Results are reported of the study of buried soils in the south-eastern part of Olteniya. In the southern part of the right bank of the Olta, on the upper, middle and lower terraces, two horizons are traced of buried ancient soils. On the basis of a comparison of the morphology and some physical-chemical properties of the buried and modern soils, the authors come to the conclusion that the age of the chernozem type soils spread here does not exceed the age of the lower terrace, and that after the formation of the upper terrace and before

Card 1/2

CIRSTEA, St.

SOBOLEV, S.S.  
CIRSTEA, St.  
Surname (in Cyril); Given Name

Country: Rumania

Academic Degree: Engineer

Affiliation: [not given]

Source: Bucharest, Revista de Geografie si Organizarea Teritoriului,  
Vol 5, No 3, 1961, pp 78.

Date: "The Development of Erosion Processes in the European Part  
of the Territory of the Soviet Union and the Battle Against It,"  
[ a review of SOBOLEV's Resvitiye eroziy i protsessy na territorii  
evropeiskoi chasti SSSR i borba s nimi. Vol II. Moscow, 1960.]



CIRSTEA, St., ing.

"Practical measures for the preservation of pasture fields" by I. Resmerita, Z. Spirchez. Reviewed by St. Cirstea. Rev. geodezie 8 no.1:58 '64

"Rational joining of the production branches on collective farms" by Fl. Gilca, M. Ionita. Reviewed by St. Cirstea. Ibid.: 58

"Contributions to the medium precision, direct measurement of distances by suspended metallic bands and wires; a study of the correction formulas and their precision" by [conf. ing.] A. Costachel, [asist. ing.] E. Ulea, [asist. ing.] M. Neamtu. Reviewed by St. Cirstea. Ibid.: 58

"Situation and evaluation of the agricultural lands" edited by K. I. Ivanov. Reviewed by St. Cirstea. Ibid.: 59-60

CIRSTEA, St., ing.

Progress in pedological studies necessary to the agriculture  
in Rumania. Rev\_geodezie 8 no. 3:38-43 '64.

1. Higher Council of Agriculture.

CIRSTEA, STELIAN

~~STELIAN CIRSTEA~~  
 Country: Rumania  
 Academic Degree: Engineer  
 Attribution: not given  
 Source: Bucharest, Revista de Geodezie al Organizarea Teritoriului,  
 Vol 5, No 2, 1961, pp 75-76.  
 Date: "The Method of Soil Mapping in the Pre-Caspian Depression on  
 Aerophotogrametric Materials" - a review of Simaceva's  
 "Metodica kartirovaniia rosvi Prikasniiskoi nizmenosti po materialam  
 aerofotostenki" included in: Posivno-geograficheskie issledovaniia  
 i izrazheniia aerofotostenki v Karkirovani rosvi, Moscow, 1959.

CIRSTEA, S., ing.

"Method of drawing large scale pedological maps using  
aerophotogrammetric materials" edited by [dr. in stiinte  
geografica si agricole] I.A. Liverovski. Reviewed by  
S. Cirstea. Rev geodezie 7 no.2:67-70 '63.

CIRSTEA, S., ing.

First Session of the Group of Work regarding the Classification and Prospecion of Soil and Soil Resources of the European Committee in the frame of the Food and Agriculture Organization of the United Nations. Rev geodzie 9 no.1:66-67 '65.

CIRSTEANU, M.; MACOVSCI, E.; VASU, S.

Effect of ureases upon urea, and the B-amylases upon starch in the presence of some glucoprotein coacervates. In Russian. p. 279.

REVUE DE CHIMIE. JOURNAL OF CHEMISTRY. (Academia Republicii Populare Romine) Bucuresti, Rumania. Vol. 2, no. 2, 1957.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959.

Uncl.

CIRSTEANU, M.; MACOVSCI, E.; VASU, S.

Effect of rease and B-amylase on the urea, and consequently on the starch, in the presence of certain glycoproteic coacervates. p.933.

COMUNICARILE. Bucuresti, Rumania, Vol. 7, no. 11, Nov. 1957.

Monthly List of European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959.

Uncl.

CIRSTEANU, Mioara

Influence of experimental hyperemia, time, and temperature on electrolyte exosmosis in the normal human skin. Studii cerc biochimie 6 no.2:255-261 '63.

1. Institutul de biochimie al Academiei R.P.R., Bucuresti.

X



COUNTRY : ROMANIA R  
CATEGORY : Diseases of Farm Animals. Diseases Caused by  
Bacteria and Fungi  
ABS. JOUR. : Bacteriol., No. 13, 1956, No. 59721  
AUTHOR : Popovici, I.; Taca, H.; Girstat, I.  
INST. : Rumanian Academy  
TITLE : Vaccination against Infectious Agalactia of Sheep  
and Goats with Live Cultures  
ORIG. PUB. : Bul. stiint. Acad. RPR. Sec. biol. si stiinte  
agric. Ser. agron., 1957, 9, No 1, 71-76  
ABSTRACT : Four-year experience in vaccination of sheep and  
goats in Rumania against infectious agalactia (in  
all, 328,000 animals were inoculated) with live  
culture of the attenuated strain of Capromyces  
agalactiae showed that 10-12 days after inocula-  
tion a stable immunity lasting not less than 12  
months takes place. Vaccinated ewes present no  
danger to their sucklings nor to other nonvac-  
cinated animals. In lactating animals, following  
vaccination a rapidly passing decrease of the

Card: 1/2

COUNTRY : RUMALIA R  
CATEGORY : Diseases of Farm Animals. Diseases Caused by  
Bacteria and Fungi  
ABS. JOUR. : ZHhBiol., No.13, 1958, No. 59724  
AUTHOR :  
INST. :  
TITLE :  
ORIG. PUB. :  
ABSTRACT : milk yield and sometimes certain changes in the  
cont'd. lactiferous gland (hyperemia, sickness) were  
noted. The vaccination is better tolerated in  
spring during the beginning of the lactation pe-  
riod. In case of widespread epizooty, especially  
in hot months, the vaccination usually leads to  
an increase in the number of cases of infection  
during 5-6 days following vaccination.-- L. S.  
Goberman

Card: 2/2

R - 15

HUTTMANN, A.; PASZTOR, P.; GHERASIM, M.; COJOCARU, L.; ~~CIRSTOCHA, I.~~  
; NICULESCU, M.; TAFFET, E.; STEFANESCU, C.R.; MOSOIU, G.

Diagnosis and therapy of sciatica; clinical study of 100 cases.  
Probl. reumat., Bucur. Vol. II.:49-84 1954.

(SCIATICA

etiol, differ. diag. & ther.)

(INTERVERTEBRAL DISK DISPLACEMENT, compl.

sciatica, differ. diag. & ther.)

(POSTURE

in ther. of sciatica caused by intervertebral disk  
displacement)

(PHYSICAL THERAPY, in various dis.

sciatica caused by intervertebral disk displacement)

HUTTMANN, A.; RADULIET, Fl.; PASZTOR, P.; TAPPET, E.; CIRSTOCEA, I.;  
STEFANESCU, C.H.; COJOCARU, L.; KRASHOSELKI, K.

Study of cervical disk hernia. Probl. reumat., Bucur. Vol. II.:  
137-150 1954

(INTERVERTEBRAL DISK DISPLACEMENT  
cervical)