

CIR, J.; NOVICKY, A.; KRALICEK, Q.

The press should contribute even more to further technical developments. p. 3

VYNALEZY A NORMALISACE, OCHRANNE ZNAMKY, OHRANENE ZYORY. Praha, Czechoslovakia
Vol. 3, No. 6, June 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

CIRAK JAN

CZECHOSLOVAKIA/Electronics - Vacuum Technique

H-9

Abs Jour : Ref Zhur - Fizika, No 3, 1958, No 6441

Author : Cirak Jan

Inst : Higher Institute for Acetylene Chemistry, Novaki, Czechoslovakia

Title : Vacuum Meter for Pressures 1 -- 760 mm mercury, Based on the Use of the Heat Conduction of Gases

Orig Pub : Slaboproudy obzor, 1957, 18, No 6, 407-412

Abstract : Description of a vacuum meter of the Pirani system for pressures from 1 to 760 mm mercury with mixing of air in the bulb. The heat balance is calculated with allowance for the mixing of the air, depending on the construction of the bulb. A heater for the apparatus has also been designed.

Card : 1/1

CIRAK, J.

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213100
AUTHORS:

also 2706, 2606

26850
Z/038/61/000/004/005/005
D238/D305

Petukhov, V.A., Habar, J., Zhuravlev, A.A., Karmasin, M.,
Kotov, V.J., Myae, E.A., Obukhov, J.L., Sochor, V., Cirák,
J., Benda, F., Dobiáš, J., Marek, M., Fukáček, T., Světov, L.

TITLE: A model of an annular cyclotron

PERIODICAL: Jaderná energie, no. 4, 1961, 136 - 137

TEXT: This is a translation of an Russian article entitled "Model' kol'tsevoogo fazotrona" (Model of an Annular Cyclotron) originally published in the Soviet periodical "Atomnaya energiya", 9, (1960), no. 12, pp 491-493. It deals with the model of an annular cyclotron which is a fixed-field, alternating-gradient accelerator, built by Soviet and Czechoslovak physicists at the United Institute of Nuclear Research in Dubna. The proposal for an annular cyclotron was made for the first time in 1953 by A.A. Kolomenskiy, V.A. Petukhov and M.S. Rabinovich (Ref 1: Nekotoryye voprosy teorii tsikli-cheskikh uskoriteley (Some Problems of the Theory of Cyclic Accelerators), AN SSSR, 1955; Pribory i tehnika experimenta (1956), no. 2, p. 26). The elec-
Card 1/2

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D238/D305

A model of an annular cyclotron

romagnet of the accelerator consists of eight similar, alternately reserved parts, each of which has two sectors with opposite orientation of the magnetic field, and two straight sections. The accelerator is used for electron acceleration. Electrons with energies of 20-40 kev can be injected either continuously or in pulses. Using a combination of eddy and radio-frequency fields, a beam energy up to 2MEV can be obtained with this model. Preliminary results obtained during test runs have shown the high accuracy of the machine and the great stability of its principal magnetic characteristics. Also, in agreement with the theory, a number of various resonances was observed which have a substantial influence on the intensity of the accelerated beam. There are 2 figures and 7 references: 4 Soviet-bloc and 3 non-Soviet-bloc. The references to the English-language publications read as follows: K. Symon, Phys. Rev. 98 (1952), 1152; T. Okhawa, Rev. Scient. Instrum. 29, (1958), 108.

Card 2/2

CIRAK, Jan

Preparing the optimum operation of production equipment.
Ropa a uhlie 6 no. 4: 104-107 Ap '64.

1. Slovnaft National Enterprise.

L 62744-65 EWT(m) DIAAP
ACCESSION NR: AP5011334

GZ/0055/65/015/004/0225/0235

AUTHOR: Cirak, J.

TITLE: Conditions for the origin of Vavilov-Cerenkov and transient radiation

SOURCE: Chekhoslovatskiy fizicheskiy zhurnal, v. 15, no. 4, 1965, 225-235

TOPIC TAGS: Cerenkov radiation, Vavilov Cerenkov radiation, transient radiation, charged particle

ABSTRACT: Attention is drawn to the connection between the virtual parameters and the physical effects produced during the rapid motion of a charged particle in a mass medium. In particular, the virtual position of a particle and its virtual velocity as a function of the real velocity of the particle and the position of the observer are investigated. On the basis of such a study it was possible to formulate a new method for the interpretation of the basic properties of Vavilov-Cerenkov and transient radiation. This method can be used in a simple manner to determine the conditions for the occurrence and the directional characteristics of Vavilov-Cerenkov radiation in both a homogeneous and an inhomogeneous medium. A study of the virtual parameters of a particle on the interface between two optics of differ-

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L 62744-65

ACCESSION NR: AP5011334

ent media leads to the assumption of the existence of two kinds of transient radiation. Orig. art. has: 14 equations and 9 figures.

ASSOCIATION: Electrotechnical Faculty, Slovak Technical University, Bratislava

SUBMITTED: 17Apr64

ENCL: 00

SUB CODE: NF, OP

NO REF SOV: 004

OTHER: 000

Card 2/2

CIRAK, Jan

Design of apparatus based on the heat conductivity principle.
Ropa a uhlie 7 no.4:114-118 Ap '65.

1. Slovnaft National Enterprise, Bratislava.

GIRAK, J.

Conditions of occurrence of the Vavilov-Cherenkov radiation and transient radiation. Chekhosl fiz zhurnal 15 no.4:225-235 '65.

1. Faculty of Electrical Engineering of the Slovak Higher School of Technology, Bratislava, Vasovova 1/b. Submitted April 17, 1964.

16 6500

Z/042/62/000/010/003/004
E140/E435

AUTHOR: Cirák, Július, Engineer Doctor

TITLE: A contribution to the method of equivalent transient characteristics

PERIODICAL: Elektrotechnický časopis, no.10, 1962, 607-614

TEXT: The author considers substitution of a second-order exponential curve for a graphically given transient characteristic in the analysis of stability, where the decisive factor is the ratio of the delay time to the risetime. Where this ratio is less than 0.107 the author gives a method for obtaining satisfactory equivalent characteristics of the type named above. There are 4 figures. LB

ASSOCIATION: Katedra jadrovej fyziky a techniky SVŠT, Bratislava.
(Department of Nuclear Physics and Engineering,
SVŠT, Bratislava)

SUBMITTED: June 18, 1962

Card 1/1

CIRAKI, Ranko, ing.

Improvement of the ACJ-K 56 (ARK 30) system at the Nikola Tesla
Factory. Telekomunikacije 10 no.3:8-13 J1 '61.

(EEAI 10:9/10)

(Telecommunication)

CIRAKY, Ranko, inz.

Correlation between the exact and approximative computation
respecting the switch gear in the exchanges with indirect
crossbar system. Telekomunikacije 11 no.3:7-17 JI '62.

GIRAKY, Ranko, inz.

Traffic capacity in the sector of subscribers to the A-204
and Iskra 58 systems. Telekomunikacije 12 no.3:21-33 Je
'63

CIRAKY, Ranko, inz.

Traffic capacity in the sector of subscribers to the Iskra
58 system. Telekomunikacije 12 no.4:1-5 0 '63

HRUBISKO, M.; HRUBISKOVA, K. Technicka spoluprasa: CIRANOVA, M.;
ULLRICOVA, G.

Hemorrhage in von Willebrand's disease, its nature and therapy.
Bratisl. lek. listy 2 no.1:25-33 '64

1. Fakultna transfuzna stanica, subkatedra hematologie a trans-
fuzie krvi SYDL v Bratislave; veduci: doc. MUDr. M.Hrubisko, C.Sc.

CIRBUS, Jan, inz.; LUKOVINY, Vojtech, inz.

Use of tubular rectifiers in orientation of polygonal courses. Sbor VST Kosice 2: 151-157. '62.

1. Katedra banskeho meracstva a geofyziky, Vysoka skola technicka, Kosice.

CIRBUS, J.

Accuracy of angle measurement by the Th-3 theodolite with
eccentric telescope. Sbor VST Kosice no.1:133-143 '63.

1. Department of Mine Survey and Geophysics, Higher School of
Technology, Kosice. Submitted April 10, 1962.

CIRCIC, M.

AGRICULTURE

PERIODICAL: MORSKO RIBARSTVO Vol. 12, no. 7/9, July/Sept. 1958

CIRCIC, M. Some important problems of forestry pedology. p. 429

(EEAI)

Monthly List of East European accessions Vol. 12, no. 7/9
April 1959 Unclass.

RUMANIA

PREDESCU, C., Dr, Col, BERCU, C., Dr, Lt-Col, TETU, G., Dr, Maj,
WRICHE, D., Dr, Maj, and CIRCIUMARU, I., Dr, Maj [affiliation
not given] (3)

"Clinical Considerations on the Diagnosis and Treatment of
Accidents Involving the Swallowing of Caustic Substances."

Bucharest, Revista Sanitara Militara, Vol 17, No 1, Jan-Feb 66.
pp 57-64.

Abstract: After a brief summary of the pertinent statistics
and the presentation of some case histories, the authors discuss
the diagnosis, clinical evolution and therapy of accidents
arising from the swallowing of caustic substances. The impor-
tance of preventive measures in all places where caustic sub-
stances are used as well as of correct first aid procedures
is stressed.

Includes 5 Rumanian references. -- Manuscript received
27 May 1965.

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- 186 -

Circumarescu, C.

TECHNOLOGY

Periodical METALURGIA SI CONSTRUCTIA DE MASINI Vol. 10, No. 11, Nov. 1958

Circumarescu, C. Some economic and organization aspects of collecting
scrap iron. p. 977.

Monthly List of East European Accesssions (EEAI) LC. Vol. 8, No. 53
-May-1959, Unclass.
March

GOLDFRACHT, T., ing.; CIRCOANA, A., ing.

Taking into account remnant saturation in gases at the projecting
of gas bearing deposits with the advancement of marginal water.
Petrol si gaze ll no.3:112-117 Mr '60.

(Gas, Natural) (Oil field flooding)

VERNESCU, Al., ing.; CHIRAN, P., ing.; CIRCOANA, A., ing.

Pilot experiment for secondary recovery by water injection in
the 5-point panel at Drader I of Moreni-sud. Petrol si gaze
15 no.11:596-599 N '64.

ADAMACHE, I., ing.; IANCULESCU, E., ing.; PANTEA, I., ing.; BIRSAN, P.,
ing.; CIRCOANA, V., ing.

Criteria for applying methods against sand migration.
Petrol si gaze 15 no.10:542-549 0 '64.

RUMANIA/General and Systematic Zoology. Insects. Systematics and P
Faunistics

Abs Jour : Ref Zhur - Biol., No 3, 1959, No 11450

Author : Cirdei F.

Inst : Iassy University

Title : Data Towards Understanding the Distribution of the Dragon-
flies (Anisoptera) in Moldavia.

Orig Pub : An. stiint. Univ. Iasi, 1956, Sec. 2, 2, No 2, 203-210.

Abstract : There are presented 5 species of Gomphidae, 2 of Gordulegas-
tridae, 7 of Aeschnidae and 19 of Libellulidae (altogether,
33 species); among them, a new form of fauna of RNR species,
Onychogomphys uncatatus Charp.

Card : 1/1

- 3 -

CIRDEI, F. (Iasi)

House in which was born Emil G. Racovita (1868-1947), Rumanian naturalist. Natura Biologie 14 no. 1:79-80 Ja-F '62.

CIRDEI, F.; BULIMAR, Felicia

Ischyropsalis carli Lessert, Fam. Ischyropsalidae, Ord. Opiliones,
a new opilioxid for the fauna of Rumania. *Studia biol agr Iasi*
13 no.1:39-42 '62.

CIRDEI, F.; BULIMAR, F.

Variations of a feature of the species *Phalangium opilio*
L. (Ord. Opiliones). *Comunicari zoolog* 2: 225-228
'63.

GIRDEI, F.; BULIMAR, F.; VARVARA, M.

Data on the distribution of the species of the *Lasius* Fabr.
genus (Formicidae family) in Moldavia. Anal St Jassy II 10:
109-112 '64.

GAHAN, A., Conf.; BERCOVICI, C.; CIREDI, I.; BALTIN, A.; JOSUB, C.;
CORBER, S.

Sensitivity of typhoid bacilli to chloramphenicol and
nitrofurantoin. Rev. igiena microb. epidem., Bucur. Vol. 4:71-79
Oct-Dec 55.

1. Lucrare efectuata la institutul de medicina Iasi catedra de
epidemiologie si la Institutul Cantacuzino, filiala Iasi,
Sectia cercetari.

(SALMONELLA TYPHOSA, eff. of drugs on
chloramphenicol & nitrofurantoin, sensitivity tests.

(CHLORAMPHENICOL, eff.
on Salmonella typhosa, sensitivity tests.

(FURAN DERIVATIVES, eff.
nitrofurantoin, on Salmonella typhosa, sensitivity tests.

CIRDEI, I.

Rumania/Microbiology. Microbes Pathogenic for Man and F
Animals

Abs Jour : Rer Zhur-Biol., No 13, 1958, 57687

Author : Cahan A.; Bercovici C., Cirdei I., Baltiyev A.,
Josub C., Corber S.

Inst : Not given

Title : Sensitivity of Typhoid Fever Bacilli to Chlo-
ramphenicol and Nitrofuram

Orig Pub : Rev. microbiol., parazitol., si epidemiol.,
1956, 1, No 1, 25-33

Abstract : No abstract.

Card 1/1

L4040

S/124/62/000/012/007/009
D234/D308

26.1300

AUTHOR:

Cirdu, M.

16

TITLE:

A new type of reactive nozzle with adjustable profile and the possibility of its use in thermonuclear rockets

PERIODICAL:

Referativnyy zhurnal, Mekhanika, no. 12, 1962, 29, abstract 12B157 (Rev. transp. (RPR), 1962, v. 9, no. 4, 157-165 (Rum.: summaries in Rus., Ger., Eng. and Fr.))

TEXT:

The author shows the adjustment of reactive nozzles to be necessary in flight of a rocket. Three types of such nozzles are considered: an axially symmetric one with a central body, a plane one with adjustable outlet section and constant critical section, a plane one with adjustable critical and constant outlet section. Short descriptions of the stabilization systems and steering systems (with gas rudders, with vernier engines, with the use of deviation of the main engine) are given. For these, a version of

Card 1/2

A new type of reactive nozzle ...

S/124/62/000/012/007/009
D234/D308

nozzle with rotating supersonic part and supercharging of the working body in the critical section (at the point of rotation) is considered. The angle of rotation can reach 20° to the side. Dependences of the velocity of hydrogen ejected from such a nozzle on flying height (pressure drop), working body temperature and angle of rotation are given. 14 references.

[Abstracter's note: Complete translation]

X

Card 2/2

CIRDU, Mercea, ing.

Problem of best organization of two-stage rockets. Rev
transport ll no.2:66-70 F '64.

CIRDU, Mircea, ing.

~~Optimum organization of thermal atomic two-staged rockets. Rev transp~~

ll no.4:160-168 Ap '64.

L 36913-66 EWP(j)/I/EWP(t)/ETI IJP(c) JD/WW/WB/RM

ACC NR: AP6027838

SOURCE CODE: RU/0018/66/000/002/0093/0101

AUTHOR: Girdu, Mircea

46
B

ORG: none

TITLE: Characteristics of sea-water cooled condensing steam turbines

SOURCE: Constructia de masini, no. 2, 1966, 93-101

TOPIC TAGS: steam turbine, turbine cooling, sea water corrosion, corrosion resistant alloy

ABSTRACT:

the chief reasons for the corrosion damage to cooling devices on sea-water-cooled condensing turbines and discusses means of minimizing such damage, particularly those applicable in the work of the Resita Works. Among the measures suggested are proper choice of dimensions for the parts, use of corrosion resistant materials (particularly Cu-Ni alloys), and use of corrosion-resistant coatings.

The author analyzes the author analyzes

Orig. art. has: 4 figures and 7 tables. [Based on author's Eng. abst.] [JPRS: 36,559]

SUB CODE: 13, 11 / SUBM DATE: none / ORIG REF: 005 / SOV REF: 008
OTH REF: 006

Card 1/1

UDC: 621.165-713.1:620.193.15

0917

1360

L 64959-65 EWP(F)/T-2/ETC(m) WW		
ACCESSION NR: AP502452	RU/0018/64/000/009/0489/0495	
AUTHOR: <u>Cirdu, Mircea</u> (Engineer)	21	
TITLE: Reductor of the number of revolutions for 1,000 kilowatt steam turbines	B	
SOURCE: Constructia de masini, no. 9, 1954, 489-495		
TOPIC TAGS: steam turbine, electric power engineering		
ABSTRACT: Author's English summary modified: A description of the 1,000 kilowatt steam turbine built by the <u>Rasita Machine Building Works</u> . The design, calculations and assembly of the unit are presented, and some features of its operation are discussed. Orig. Art. Incl.: 8 figures and 2 tables.		
ASSOCIATION: none		
SUBMITTED: 00	ENCL: 00	SUB CODE: EE
NR REF SOV: 002	OTHER: 008	JPRS
<i>dm</i> 1/1		

RUMANIA / Cultivated Plants. Fruit Trees. Small
Fruit Trees.

M-7

Abs Jour: Ref Zhur-Biol., 1958, No 16, 73131.

Author : Cireasa, V.

Inst : Not given.

Title : Local Apple Tree Varieties Raised in the Ozana-
Topolitsa Lowland (Rumania).

Orig Pub: Anuarul lucrur. stint. Inst. agron. Iasi, Bucur-
esti, 1957, 107-115.

Abstract: The first of 12 local harvest and frost-resistant
apple tree varieties are described.

Card 1/1

127

CIRECEANU, P., ing.; NICOLAU, S., arh.

Concern in preparing the standard project. Constr Buc 14 no.649:3
16 Je '62.

1. I.S.C.A.S. (for Nicolau).

EUMANTIA/Diseases of Farm Animals. The Pathology of Multiplication R-3

Abs Jour: Ref Zhur - Biol., No 1, 1959, 2849

Author : Drugociu, Ghe., Decus, V., ~~Gires, Ghe.~~

Inst : Jassy Institute of Agronomy

Title : Studying the Sterility of Cattle in the Iasi Oblas⁵. II. Trichomonosis as a Cause of Sterility

Orig Pub: Annuarul lucrar. stint. inst. agron. Iasi. Bucuresti, 1957, 211-222

Abstract: No abstract

Card 1/1

CIRFUSE, M.
CA

Protecting beets against insects. Miklós Chifusz and

Sándor Mészáros (Sugar Mill, Szolnok, Hung.). *Agrotu-
domány 2, 303 5(1950)*. -The effects of contact poisons
varied to a great extent. Experience obtained during 3
yrs. on various beet plots proved that, besides the chem.
action, other factors also play a prominent role in insecticide
effect. The resistance of insects also depends on the season
and daylight. Results obtained recently by Pavlovski are
described. István Fűrly

CIRFOSE, M

06412.05004 61 31

50. Incrustation in crystal strikes, by M. Chirust
 ("Cukorpar" Sugar Industry -- Vol III, No 6, p. 142, June, 1970)

In mid-October of 1969, at the *Sednok* sugar plant a black-grey dark brown coloured lamellar incrustation appeared in the crystal strikes. According to chemical analysis this incrustation consisted chiefly of calcium pectinate with some calcium carbonate, calcium soap and calcium salt of ammoniac. The amount of incrustation decreased when the strike was boiled in water than usual, but its formation was not entirely inhibited. The cause of incrustation was most probably due to diffusion operations. In the one hand, a 12% to 12.5 per cent juice draw-off was applied since mid-October in order to avoid extraction losses and on the other hand, the temperature was often raised to 82°C. For attaining a more rapid diffusion the beet slices were slightly limed at the string infirmities. It is possible, therefore, that the pectic substances contained in beets dissolved in the diffusion battery and entered into the sugar solutions in the form of calcium pectinates. Since incrustation dissolved readily in alkalis, the problem was resolved by drawing into the vacuum pan a sufficient amount of a 60 per cent soda lye immediately prior to gram formation -- to obtain a pH value of 11.0.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

COMMON ELEMENTS: 1ST AND 2ND ORDERS, 3RD AND 4TH ORDERS, 5TH AND 6TH ORDERS

COMMON ELEMENTS: 1ST AND 2ND ORDERS, 3RD AND 4TH ORDERS, 5TH AND 6TH ORDERS

COMMON ELEMENTS: 1ST AND 2ND ORDERS, 3RD AND 4TH ORDERS, 5TH AND 6TH ORDERS

CIRFUSZ, M.

Investigations of the problems of operation of hydrocyclones. p.182.

ELELMEZESI IPAR. Budapest, Hungary. Vol. 13, no. 6, June 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

Cirfusz, M.

HUNGARY / Chemical Technology. Chemical Products and Their Application. Carbohydrates and Their Processing. H

Abs Jour: Ref Zhur-Khimiya, No 9, 1959, 33022.

Author : Cirfusz, M.
Inst : Net givon.
Title : Filtering Fabrics from Synthetic Fibers.

Orig Pub: Cukoripar, 1958, 11, No 6, 151-154.

Abstract: Fabrics from perlon, nylon and polyamide fibers were tested. The most suitable ones proved to be fabrics made of polyamide fibers. Although their cost is approximately 2.5 times higher than the cost of cotton fabrics, their longevity is 8-10 times greater, and they are, as a consequence, more economical. -- G. Yudkovich.

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CIRIC, A.

"Fossil Remains of the Cave Bear (Ursus Spelaeus Rosenmuller) in the Serbian Museum of Natural History." P. 277. (GLASNIK. SFRJJA A: MINERALOGIJA, GEOLOGIJA, PALEONTOLOGIJA. No. 5, 1952. Beograd, Yugoslavia.)

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

CIRIC, A.

"Styrian" Fauna in the Quarry at Lozovik near Svetozarevo (Jagodina),
Serbia. P. 309. (GLASNIK. SERIJA A: MINERALOGIJA, GEOLOGIJA,
PALEONTOLOGIJA. No. 5, 1952. Beograd, Yugoslavia.)

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

CIRIC, A.

Pikermi fauna from the vicinity of Titov Veles; a doctoral thesis. p.1.

(GLASNIK. BULLETIN. SERIJA A: MINERALOGIJA, GEOLOGIJA PALEONTOLOGIJA. Vol. 8, 1957
Beograd, Yugoslavia)

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

YUGOSLAVIA

MORELJ, Marijan, Dr, prof, CIRIC, A., Dr, KALEMBER-RADOSAVLJEVIC, A., Dr, BOGDANOV, Leo, Dr, Docent; Institute of Hygiene-Military Academy of Medicine, Belgrade; Hygienic-Epidemiological Unit, Nis (Higijenski zavod Vojno-medicinske akademije, Beograd; Higijensko epidemioloska stanica, Nis), Belgrade. (2)

"Spread of Streptococcal Sore Throat through Food"

Belgrade, Narodno zdravlje, Vol 21, No 10, 1965, pp 281-289

Abstract [Authors' English summary modified]: In July 1964, there was a sudden outbreak of alimentary sore throat epidemic. Out of 126 exposed persons, 68(54%) were taken ill in the course of five days, the period during which the epidemic lasted. Beta-haemolytic streptococcus (BHS) of the group A, type A-10 and A-12 was isolated from the throat of the patients. The epidemic occurred as a result of infected cottage cheese, prepared at a farmhouse and sold in the market. To check the role of the cheese in transmitting the infection under existing conditions, a laboratory experiment was carried out which confirmed the possibility of the infection transmission through this kind of cheese. The clinical picture was clearly defined. There was no trace of early or late complications, this being assigned to the prompt therapy applied to the sick and depo-penicillin protection of the healthy. Tables and graphs. 9 Eastern European, 13 Western references.

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- 17 -

ARSIC, Bogoljub, sanitetski pukovnik docent dr.; BERDEN, Josip, sanitetski potpukovnik dr.; CIRIC, Aleksandar, sanitetski kapetan dr.; MARICIC, Franja, sanitetski potpukovnik dr.; PAGON, Stojan, sanitetski pukovnik dr.; POPOVIC, Radoslava, sanitetski potpukovnik dr.; SOKOLOVSKI, Borivoje, sanitetski kapetan I klase dr.

Shigella in the Yugoslav National Army during 1950-1962.
Vojnosanit. pregl. 22 no.6:398-405 Je '65.

1. Vojnomedicinska akademija u Beogradu, Epidemioloski institut HZ,
Higijensko-epidemioloski odredi.

HENEBERG, Dorde, sanitetski pukovnik docent dr.; MORELJ, Marjan, general-major sanitetske sluzbe profesor dr.; BIRTASEVIC, Bozidar, sanitetski potpukovnik dr.; PETKOVIC, Branko, sanitetski potpukovnik dr.; JOVANOVIC, Tihomir, sanitetski major dr.; DORDEVIC, Dusan, sanitetski major dr.; CIRIC, Aleksandar, sanitetski kapetan I klase dr.; RADOVANOVIC, Miroslav, sanitetski kapetan dr.; MIADINOVIC, Toma, sanitetski kapetan dr.

Controlled field trial of the protective effect of killed H1N1 vaccine against influenza and the Yugoslav People's Army in 1964. Vojnosanit. pregl. 22 no.12:748-753 D '65.

1. Higijenski zavod; Higijensko-epidemioloski odredi Jugoslovenske narodne armije.

CIRIC, B.

"Some Lamellibranchia of the Senonian fauna of Guca in the region of Rajicke Brdo near Dragacevo, western Serbia", p. 61 (Glasnik. Serija A: Mineralogija, Geologija, Paleontologija, No. 4, 1951, Beograd)

SO: Monthly List of ~~East European~~ Accessions, ^{Vol. 2, No. 9} Library of Congress, September 1953, Uncl.

CIRIC, B.

"Upper Cretaceous Fossils near Titov Veles. " P. 249. GLASNIK:
SERIJA A: MINERALOGIJA, GEOLOGIJA, PALEONTOLOGIJA. No. 5, 1952.
Beograd, Yugoslavia.)

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

CIRIC, B.

Geologic Study of Dragacevo. p.5

GLASNIK, BULLETIN. SERIJA A: MINERALOGIJA, GEOLOGIJA, PALEONTOLOGIJA.
Prirodnjacki muzej srpske zemlje. Vol. 9, 1958, Beograd, Yugoslavia.

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

Uncl.

VASOJEVIC, S., doc.dr; DIKLIC, D., dr; TEDESKI, B., dr; TAKIC, S., dr;
STANKOVIC, M., dr; CIRIC, D., dr; PETROVIC, M., dr.

Our experience with scarlet fever in 1957. Med.glasn. 14 no.7/8:
387-390 JI-Ag '60.

1. Klinika za infektivne bolesti Medicinskog fakulteta u Beogradu
(Upravnik: prof. dr M.Milosevic)
(SCARLET FEVER epidemiol)

ISAC, Maria, geol.; CIRIC, D., geol.

Tismana, a new deposit for lignite quarrying. Rev min 15 no.2:94-97
F '64.

STRASER, T., dr.; BOZINOVIC, Lj., dr.; CIRIC, D., dr.; MILUTINOVIC, L.,
mr.ph.; DORDEVIC, B.S., prof. dr.

Biochemical changes in myocardial infarct. Med.glasn. 14 no.4:218-
220 Ap '60.

1. Interna klinika B Medicinskog fakulteta u Beogradu (Upravnik: prof.
dr. R.Berovic)
(MYOCARDIAL INFARCT metab)

VASOJEVIC, S., doc. dr.; SUVAKOVIC, V., dr.; CIRIC, D., dr.; GROZA, A., dr.

Infectious hepatitis and hepatic coma (report of 3 cases). Med.
glasn. 15 no.7/8:330-334 JI-Ag '61.

1. Klinika za infektivne bolesti Medicinskog fakulteta u Beogradu
(Zamenik upravnika: doc. dr M. Nikolic).

(HEPATITIS INFECTIOUS compl)
(HEPATIC COMA etiol)

SULC, D.; CIRIC, D.; RUS, T.

Influence of vitamin C on the preservation of natural color
of apple juice and concentrate. Kem ind 13 no.12:997-1007
D '64.

1. Faculty of Technology, Novi Sad.

YUGOSLAVIA

KECMANOVIC, Miomir, Dr, CIRIC, Dusan, Dr; Clinic for Infectious Diseases, Faculty of Medicine, University of Belgrade (Head: NIKOLIC, Mihajlo, Dr, prof) (Klinika za infektivne bolesti Medicinskog fakulteta Univerziteta u Beogradu), Belgrade.

"Purulent Meningitis in Rhinorrhoea"

Belgrade, Srpski arhiv za celokupno lekarstvo, Vol 93, No 10, Oct 1965, pp 937-941

Abstract: Five cases are presented in which meningitis recurred from one to nine times in the course of eight years. They were successfully treated with antibiotics and sulfonamides. It was established for cases with recurrent attacks of pneumococcal meningitis that there is a great probability of the existence of fistular communication which enables the entrance of microorganisms into the subarachnoidal area. Although antibiotics help the patients, they do not provide protection from renewed attacks. Only surgical intervention ensures a definite cure. 13 Western references. German summary. Manuscript received 22 May 1965.

1/1

BRIC, J.

Production of carpets in Fiat. p. 113

GEOKRAFSKI VJESNIK vol. 20, 1954

Yugoslavia

30. EAST EUROPEAN ACCESSIONS LIST vol. 9, no. 10 Oct. 1956

CIRIC, J.

✓ Constructional Materials Resistant to Brines. Josip Cirib
(*Zbornik Materijala*, 1954, 2, 291-302; *C. Abstr.*, 1955, 49, 10154) HG
—A comprehensive article dealing with the influence of NaCl brines of various concentrations upon a large number of pure metals and alloys, and also non-metallic materials, at various temp. There is a general discussion on the elect. conductivity imparted to water by the presence of NaCl, and the action of local electrolytic cells brought about by the presence of NaCl. In the experiments described, the influence of pH, aeration, time, dimensions of the surfaces, and presence of CaCl_2 , are discussed. Corrosion inhibitors, such as Na silicate, Na_2CO_3 , and Na_3PO_4 , are mentioned, and protective coatings are briefly discussed.

D J [Signature]

GIRIC, J.

Production of synthetic organic insecticides for agriculture, p. 409,
TEHNIKA, (Savez inženjera i tehnicara Jugoslavije) Beograd, Vol. 9,
No. 3, 1954

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

GIRIC, J

Organic stimulants of growth and herbicides. p. 1553

TEHNIKA, Beograd, Vol 10, No. 10, 1955

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

YUGOSLAVIA/Chemical Technology - Chemical Products and Their
Applications - Pesticides.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37298

Author : Ciric, J.

Inst :

Title : Complete Synthesis of Pesticidinal Substances from
Pyrethrum.

Orig Pub : Tehnika, 1957, 12, No 5, Hem Ind., 72-77

Abstract : Survey. Bibliography 13 references.

Card 1/1

CIPIC, J.

The total synthesis of the insecticidal ingredients of buhach. p. 776.
(Tehnika, Vol. 12, No. 5, 1957, Beograd, Yugoslavia)

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

JERICIC, Jovan V.

Nis. Geogr hor 8 no.4:17-30 '62.

CIRIC, Jovan

Contribution to the knowledge of the state of domestic geography
in Yugoslavia; results of an inquiry. Geogr hor 4 no.4:37-28 '59.

CIRIC, KAMENKO

Pripravljanje hrane za stoku.

Novi Sad, Yugoslavia. Pokrajinska uprava za poljoprivredu i sumarstvo,
1955. 184 p.

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 6
June 1959
Uncl.

~~Handwritten scribble~~, C.I.T.C., Milvoje

Camp ✓ One type of lithogenous soil in East Serbia (Milvoje
 Ciric (Pag. Agr., Zemun, Yugoslavia). These soils are black.
 1958-59/1963) English summary: ... These soils are black,
 not on account of their humus content which is low (0.97-
 5.44%), but because they contain so many of the primary
 minerals, especially the ferromagnesian silicates. How-
 ever, FeTiC₂ is absent. In the 1st stage of development, the
 soils contain 50% SiO₂ and 22% R₂O, just as the substru-
 tum; as development progresses, both SiO₂ and R₂O in-
 crease. These black soils are neutral and the satn. with
 bases is high, as in such dry climate it is impossible for an
 exchange complex to develop. Thus, these soils are similar
 to the ones called "Erubashon" in Germany, and "B-
 ay" and "Black Cotton Soil" in India. W. Jacobson

CIRK, MILIVOJE

The characteristics of the podzolization of the soils in

Serbia. Milivoje Cirik (Sarajewo, Yugoslavia). *Jugoslavica. Džurnal Prirodna Znanjstva* No. 3, 71 pp. (1950) (English summary). Data are given on granulometric compn., hydrolytic acidity, total adsorbed bases, pH in H₂O and in KCl soln., SiO₂, R₂O₃, Fe₂O₃, MgO, Na₂O, and K₂O of Serbian podzols. These soils do not form "crude humus," which is the main source of the fulvic acids and is the principal characteristic of podzolization in northern countries. Serbian soils decomp. mainly under the influence of CO₂ and some tannic acid from the *Quercus* species in which these soils abound. Al₂O₃ migrates together with silicate, not as a complex of fulvic acid. Fe can migrate only if reduced to Fe(II); this reduction can occur if there is a stagnation of surplus water. The ratio SiO₂/Al₂O₃ is constant throughout the Serbian podzols. Serbian podzols contain more Al and Fe and less humus than do northern podzols and have higher pH (5.20-5.50). 113 ref. reves.

Werner Jacobson

CIRIC, M.

Classification problem of podsol soils. p. 48.

NARODNIA SUMAR. (Društvo sumarskih inženjera i tehnicara Bosne i Hercegovine)
Sarajevo, Yugoslavia. Vol. 12, no. 1/3, Jan./Mar. 1958.

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

Uncl.

CERIC, M.

Dimitrije Afanasijev's Fertilizacija pitomog kestena (Fertilization of the Sweet Chestnut); a book review. p. 199.

NAPODNEIA SUMAR. (Društvo sumarskih inženjera i tehničara Bosne i Hercegovine) Sarajevo, Yugoslavia. Vol. 12, no. 1/3, Jan./Mar. 1958.

Monthly list of the East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959.

Uncl.

DUKIC, Dragomir; CIRIC, Miodrag; MARKOVIC, Radojka; CARVEIC, Milica

Contribution to the study of rickets in our country. Srpski arh.
celok. lek. 88 no.5:535-543 My '60.

1. Decje odeljenje Opste. bolnice "Dr Mihajlo Ilic" u Kragujevcu.
Sef: dr Dragomir Dukic.

(RICKETS epidemiol)

NEJGEBAUER, V.; CIRIC, M.; FILIPOVSKI, G.; SKORIC, A.; ZIVKOVIC, M.

Classification of soils of Yugoslavia. Zemljiste biljka 12 no.
1/3:21-44 Ja-D '63.

PREDANIC, Edo; KAMCEVSKI, Djordje; CIRIC, M.

Prostatic adenoma. Analysis of 138 operated cases. Srpski
arh. celok. lek. 92 no. 6:609-622 Je '64.

CIRIC, M.M.; PUPEZIN, J.D.

Separation of lithium isotopes on the cation exchanger of
Amberlite IRO120. Bul Inst Nucl 13 no.2:29-45 J1 '62.

1. The Boris Kidrich Institute of Nuclear Sciences, Department of
Physical Chemistry, Vinca.

PUPEZIN, J.; CIRIC, M.; LAZAREVIC, D.

Isotopic analysis of lithium with a mass spectrometer. Bul
Inst Nucl 13 no.2:77-83 JI '62.

1. The Boris Kidrich Institute of Nuclear Sciences, Department
of Physical Chemistry, Vinca.

NIKOLIC, B.; NIKOLIC, V.; PAVLOVIC-KENTERA, V.; LAPCEVIC, E.;
PAVLOVIC, O.; PAUNOVIC, S.; CIRIC, O.; KNEZEVIC, N.;
MIHALOVIC, M.

Experimental intoxication of dogs with venoms from Vipera
berus and Vipera ammodytes. II. Biochemical blood changes.
Vojnosanit. pregl. 20 no.1/2:7-13 Ja-F '63.

1. Veterinarski fakultet u Beogradu, Fizioloski institut i
Interna klinika, Institut za medicinska istrazivanja u Beogradu.
(VENOMS) (ERYTHROCYTE COUNT) (BLOOD VOLUME)
(BLOOD COAGULATION) (BLOOD PLATELETS)
(CAPILLARIES) (PROTHROMBIN TIME)
(BLOOD CHEMICAL ANALYSIS)

S

SPUZIC, V.; ZIVKOVIC, M.; VERBIC, N.; CIRIC, O.; ZIVKOVIC, M.

Current status of allergy in Ohrid inhabitants. Glas. srpske akad.
nauk. [Med] no.15:5-8 '60.

(ALLERGY epidemiol)

NIKOLIC, V.; IVKOVIC, L.; NIKOLIC, B.; GIRIC, O.; PAVLOVIC, D.

The blood serum protein system in persons hypersensitive to cold.
Acta med. iugosl. 13 no.3:313-318 '59.

(URTICARIA blood)

(COLD eff. inj.)

(BLOOD PROTEINS)

GIRIG, Olivera; NEDELJKOVIC, Srecko

Our experience with the value of the determination of serum transaminases in coronary disease. Srpski arh. celek. lek. 88 no.10:959-964, 0 '60.

1. Odeljenje za medicinu rada Instituta za medicinska istrazivanja Srpske akademije nauka u Beogradu. Upravnik: akad. prof. dr Ilija Duricic i Interna klinika B Medicinskog fakulteta Univerziteta u Beogradu. Upravnik: prof. dr Radivoje Berovic.

(CORONARY DISEASE blood) (TRANSAMINASES blood)

CIRIC, OLIVERA,

②

YUGOSLAVIA

Dr Petar MILUTINOVIC, magister Sonja STEINFL, Dr Vladimir BOSNJAKOVIC,
Dr Olivera CIRIC and Gligorije NOVICIC [same affiliation as above.]

"In Vitro Fixation of Erythrocyte Tri-Iodothyronine-¹³¹I as an Index of
the Functional Condition of the Thyroid Gland."

Belgrade, Medicinski Glasnik, Vol 17, No 3-4, Mar-Apr 63; pp 116-120.

Abstract [English summary modified]: Tests in 137 euthyroid (including
97 goitrous) and 122 hyperthyroid patients. Data on 237 patients are
given in detail. Test is considered useful complement to currently
accessible diagnostic methods. Four tables, 3 graphs; 4 Western and 1
Yugoslav (meeting) references.

1/1

MILUTINOVIC, Petar, dr.; STEINFL, Sonja, mr.; BOSNJAKOVIC, Vladimir, dr.;
CIRIC, Olivera, dr.; NOVICIC, Gligorije

In vitro fixation of triiodothyronine-I-131 by erythrocytes
as the index of functional conditions of the thyroid gland.
Med. glas. 17 no.3/4:116-120 Mr-Ap '63.

1. Institut za medicinska istrazivanja u Beogradu - Centralna
laboratorija za medicinsku primenu radioaktivnih izotopa
(V. d. direktora: prof. dr B.S. Dordevic).

(THYROID FUNCTION TESTS)
(IODINE ISOTOPES, DIAGNOSTIC)
(ERYTHROCYTES) (TRILODOETHYRONINE)

S

SPUZIC, V.; LJALJEVIC, M.; TUFEGDZIC-LJALJEVIC, J.; VERBIC, Natalija;
CIRIC, Olivera; DAMNJANOVIC, V.

Unfavorable effects of local factors in the appearance of allergic
manifestations. Glas. Srpska akad. nauk [Med] 17 no.257:1-5 '64.

CIRIC, Stevan, Dr.

Esophageal body of the esophagus extracted by cervicothoracic esophagotomy. Med. pregl. 7 no.1:56-58 1954.

1. Hirursko odeljenje Glavne Pokrajinske bolnice, Novi Sad.
primarius dr. Vladimir Jakovljevic.
(ESOPHAGUS, foreign bodies,
*surg.)
(FOREIGN BODIES,
*esophagus, surg.)

CIRIC, Steva

PUTNIK, Milan, dr.; CIRIC, Steva, dr.

Treatment of varicose ulcer of the leg. Med. pregl. 7 no.2:
113-117 1954.

1. Hirursko edeljenje Glavne pokrajinske bolnice - Novi Sad;
sef-prim. dr. Vladimir Jakovljevic.
(VARICOSE VEINS, ulcer
*ther.)

CIRIC, Stevan

PUFNIK, Milan, dr.; CIRIC, Stevan, dr.

Surgery of varicose veins. Med. pregl., Novi Sad 7 no.4:286-291
1954.

1. Hirursko odeljenje Glavne pokrajiske bolnice Novi Sad, sef
primarius dr. V.Jakovljevic.
(VARICOSE VEINS, surg.)

CIRIC, Stevan, dr.

Case of congenital umbilical hernia treated by homoplasty. Med. pregl., Novi Sad 7 no.4:306-308 1954.

1. Hirursko odeljenje Glavne pokrajinske bolnice, Novi Sad, sa primarius dr. V.Jakovljevic.

(HERNIA, UMBILICAL
congen., homoplasty)

(TRANSPLANTATION
homografts, in congen. umbilical hernia)

CIRIĆ, Stevan

CIRIĆ, Stevan, dr.

Personal experiences with Phillips-Van Slyke's method in post-operative and preoperative care. Srpski arh. celok. lek. 82 no. 5:615-618 My '54.

1. II Hirursko odeljenje Glavne bolnice u Novom Sadu, V.d. sefa: dr. Milan Putnik. (Rad je Urednistvo primilo 14.IX.1953 god.) My '54.

(PREOPERATIVE CARE

*blood protein & hemoglobin determ., Van Slyke-Phillips method)

(BLOOD PROTEINS, determ.

*postop. & preop., Van Slyke-Phillips method)

(HEMOGLOBIN, determ.

*postop. & preop., Van Slyke-Phillips method)

(PREOPERATIVE CARE

*blood protein & hemoglobin determ., Van Slyke-Phillips method.)

CIRIC, S.

PUTNIK, M.; CIRIC, S.

Surgical treatment of rectal carcinoma and its results. Acta chir.
jugosl. 2 no.2-3 185-195 '55.

1. Hirursko odjeljenje Glavne pokrajinske bolnice, Novi Sad (sef:
prim. dr Vladimir Jakovljevic)
(RECTUM, neoplasms
surg., results (Ser)

CIRIC, S.

A review of 1637 appendectomies in children. Srpski arh.
celok. lek. 83 no.4:520-523 Apr 55.

1. Hirursko odeljenje Glavne pokrajinske bolnice u Novom Sadu.

Sef: Vladimir Jakovljevic.

(APPENDIX, surg.

in child., statist. (Ser))

CIRIC, S.

The Macedonian textile industry's lack of professional cadres.

p. 74 (Tekstilna Industrija) Vol. 5, No. 2, Feb. 1957, Belgrade, Yugoslavia

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

CIRIC, Stevan S.

Our views on the organization of traumatological services. Med.
pregl. 17 no.9:509-511 '64

CIRIC, Stevan

Severe septic toxemia with hemolysis and agranulocytosis treated
by exchange transfusion. Srpski arch. osloz. lek. 92 no.4:
451-454 Ap '64

1. Hirursko odeljenje Opste bolnice "Andja Rankovic" u
Vrsacu (Sefa dr. Stevan Ciric).

ĆIRIĆ, Stevan

Yugoslavia

Dr

Ward of Surgery of the General Hospital "Anda Ranković"
— Vršac (Hirurško odeljenje Opšte bolnice "Anda Ranković" — Vršac), Vršac; Chief: Stevan ĆIRIĆ, Dr.

Belgrade, Medicinski pregled, No 8, 1962, p 483.

"Meckel's Diverticulum With Accessory Pancreas."

GIRIC, Stevan; SMEDEREVAC, Nenad; PESKIR, Petar

Obstructive jaundice caused by echinococcosis. Srpski arh. celok.
lek. 91 no.3:297-300 Mr '63.

I. Hirursko odeljenje Opste bolnice "Anca Rankovic" u Vrscu
Sef: dr Stevan Ciric Interno odeljenje Opste bolnice "Anca
Rankovic" u Vrscu Sef: dr Nenad Smederevac.

(ECHINOCOCCOSIS, HEPATIC)
(JAUNDICE, OBSTRUCTIVE)
(CHOLANGITIS) (SUPPURATION)

S

YUGOSLAVIA / Diseases of Farm Animals. Diseases Caused by Viruses and Rickettsiae. R-2

Abs Jour : Ref Zhur - Biol., No 17, 1958, No 78953

Author : Lapcevic, E.; Nikolic, B.; Ciric, V.; Stosic, N.; Pavlovic, O.

Inst : Not given

Title : New Febrile, Hemorrhagic and Infectious Illness in Dogs.

Orig Pub : Veterin. glasnik, 1957, 11, No 8, 752-760

Abstract : A feverish condition, bleeding from all mucous membranes and skin hemorrhaging were basic symptoms. There were noted: thrombo-cytopenia, increase of the coagulation time of the blood, depression of the formation of thromboplastin, increase of the quantity of alpha and beta globulins and decrease of the quantity of the gamma globulin. The illness proceeded into an acute (death in 1 - 2 days) or subacute form. In the latter case, hemor-

Card 1/2

YUGOSLAVIA / Diseases of the Farm Animals. Diseases Caused by R-2
Viruses and Rickettsiae.

Abs Jour : Ref Zhur - Biol., No 17, 1958, No 78953

rhagic bronchopneumonia developed. By tests with the
innoculation of dogs with filtrates of extracts of the
organs of the sick dogs, it is shown that a virus is the
cause of the illness. The distinction of the given ill-
ness from fever and virus hepatitis is indicated.

Card 2/2

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YUGOSLAVIA

V. CIRIC, First Internal Medicine Clinic of Veterinary Faculty (I interna klinika Veterinarskog fakulteta) Belgrade.

"Need for Timeliness in Diagnosing Mycoses in Domestic Animals."

Belgrade, Veterinarski Glasnik, Vol 17, No 4, 1963; pp 371-373.

Abstract [German summary modified]: General review of clinical and microbiological diagnosis and therapy of mycoses in domestic animals. Fourteen Western and 2 Yugoslav references.

1/1

YUGOSLAVIA

ERCEGOVAC, D., and V. CLJIC, First Internal Medicine Clinic (I. Interna Klinika) and Institut and Clinic for Infectious Diseases (Institut i Klinika za Zaraze), Faculty of Veterinary Medicine (Veterinarski Fakultet), Belgrade.

"A Contribution to Knowledge of the Aujeszky Disease in Cats and Its Transmission to Humans."

Belgrade, Veterinarski Glasnik, Vol 17, No 6, 1963, pp 499-501.

Abstract: Authors' German summary modified In three years, 245 cases have been recorded of cats suffering from the Aujeszky disease in three clinical forms, the first distinguished by pruritus as well as strong salivation and miaowing, the second by strong excitation and aggression, and the third by depression and vomiting. In 97 humans injured by 59 cats suffering from the Aujeszky disease, no changes were noted within one to three days after the injury. Six references, mainly German, of recent date.

YUGOSLAVIA

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

"Practical Experience in the Treatment of the 'Nervous Form' of Distemper."

Belgrade, Veterinarski Glasnik, Vol 17, No 6, 1963, pp 547-549.

Abstract: [Author's German summary modified] Treatment depends on duration, localization, seriousness of clinical manifestations, age, temperament, etc. in the individual case. Treatment of psychic changes at the onset of the disease usually succeeds. Disturbances in sensibility linked to deeper changes in the central nervous system are incurable in most cases.

Eleven recent references, mainly German.

1/1