CZECHOSLOVAKIA/Virology - Viruses of Man and Animals. E
Viruses of Hepatitis.

Abs Jour : Ref Zhur Biol., No 6, 1959, 23884

Author : Krasna, V., Radkovsky, J., Klouckova, A.
Inst : -
Title : Evaluation of the Effectiveness of Gamma-Globulin as a Remedy in Prophylaxis of Infectious Hepatitis in Prague during the Period 1953-1956.

Orig Pub : Zh. gigiyeny, epidemiol., mikrobiol. i immunol. (Czechosl.), 1957, 1, No 4, 356-364

Abstract : No abstract.

Card 1/1

RADKOVSKY, Josef

Infectious hepatitis in families. J. Hyg. Epidem., Praha 1 no.2: 142-155 1957.

1. Institute of Epidemiology and Microbiology, Prague.
(HEPATITIS, INFECTIOUS, epidemiol.
family incidence in Czech.)

Abstract

KRASNA, V.; RADKOVSKY, J.; technical assistance: A. Kluckova

An evaluation of the efficacy of gamma globulin in the prophylaxis of infectious hepatitis in Prague, 1953-56. J. Hyg. Epidem., Praha 1 no.4:413-422 1957.

1. Regional station of Hygiene and Epidemiology of the Central National Committee, Prague, Institute of Epidemiology and Microbiology, Prague.
(HEPATITIS, INFECTIOUS, prevention and control,
gamma globulin, in Czech.)
(GAMMA GLOBULIN, ther. use,
infect. hepatitis prev. in Czech.)

KRASNA, V.; RADKOVSKY, J.; za techn. spoluprace A. Klouckove

Evaluation of the effectiveness of gamma globulin in prevention of infectious hepatitis in Prague in 1953-56. Cesk. epidem. mikrob. imun. 6 no.5:295-302 Sept 57.

1. Krajskahygienickoepidemiologicka stanice UNV v Praze red. Dr V. Krasna Ustav epidemiologie a mikrobiologie v Praze, red. prof Dr. K. Raska.

(HEPATITIS, INFECTIOUS, prevention and control,
gamma globulin, in Czech. (Cz))
(GAMMA GLOBULIN, therapeutic use,
infect. hepatitis prev. in Czech. (Cz))

SERY, V.; RADKOVSKY, J.; TUMOVA, B.; LOBKOWICZ, F.; CHOBOT, S.

Utilization of horse anti-influenza immune serum for prevention of influenza. Cesk. epidem. mikrob. imun. 6 no.5:309-317 Sept 57.

1. Ustav epidemiologie a mikrobiologie v Praze, reditel prof. Dr Karel Raska--Krajska hygienickoepidemiologicka stanice v Ostrave, reditel Dr J. Verner.
(INFLUENZA, prevention and control,
immune horse serum (Cz))

SKOVRANEK, V.; PECENKA, J.; ROUDNY, J.; RADKOVSKY, J.

Vaccination against poliomyelitis in Czechoslovakia in 1957. I. The epidemiological situation with regard to poliomyelitis in Czechoslovakia and the organization of the vaccination programme in 1957. J. Hyg. Epidem., Praha 2 no.4:415-422 1958.

1. Ministerstvo zdravotnictvi, Praha 12, Tr. W. Piecka 98, Czechoslovakia. (for Skovranek).

(POLIOMYELITIS, prev. & control, vacc. in Czech)

ZACEK, Karel; VLADIMIRVONKA; ADAM, Ervin; ADAMOVA, Vlasta; RADKOVSKY, Josef

The state of seroimmunity for poliomyelitis in Czechoslovakia. J. Hyg. Epidem., Praha 2 no.4:423-437 1958.

1. Institute for Sera and Vaccines, Prague, Clinical Laboratory for Research on Poliomyelitis, Institute of Epidemiology and Microbiology, Prague. K. Zacek, Ustav ser a ockovacich latek, Praha 12, Srobarova 48, Czechoslovakia.
(POLIOMYELITIS, immunol.
serol. tests in Czech.)

ADAM, E.; ADAMOVA, V.; ZACEK, K.; VONKA, V.; RADKOVSKY, J.

The incidence of poliomyelitis antibodies in children living in children's homes. J. Hyg. Epidem., Praha 2 no.4:438-442 1958.

1. Poliomyelitis Research Laboratories, Institute of Sera and Vaccines. Institute of Epidemiology and Microbiology, Prague. E. Adam, Infekcni klinika, Nemocnice Bulovka, Praha 8, Czechoslovakia.
(POLIOMYELITIS, immunol.
antibody titer in child. in Czech.)

SKOVRANEK, V.; RADKOVSKY, J.; ROUDNY, J.; CERVENKA, J.; PECENKA, J.; SOVINA, J.; ADAM, E.; ADAMOVA, V.; NOVAK, A.; ZACEK, K.; VONKA, V.

Vaccination against poliomyelitis in Czechoslovakia in 1957. II. Evaluation of morbidity following vaccination. J. Hyg. Epidem., Praha 2 no.4: 469-477 1958.

1. Ministry of Health, Prague; Institutes of Epidemiology and Microbiology, Prague and Bratislava; Clinical Laboratory for Poliomyelitis Research, Charles University, Prague; Children's University Hospital, Infectious Diseases Department, Bratislava; Institute of Sera and Vaccines, Prague. V. Skovranek, Ministerstvo zdravotnictvi, Praha 12, Tr. W. Piecka 98, Czechoslovakia.

(POLIOMYELITIS, prev. & control,
vacc. in Czech., morbidity in vaccinated child)

PROCHAZKA, J.; ADAMOVA, V.; ADAM, E.; RADKOVSKY, J.

Evaluation of vaccination against poliomyelitis in Czechoslovakia in 1957; The effect of vaccination on the clinical course of the paralytic form of poliomyelitis. J. Hyg. Epidem., Praha 2 no.4:473-483 1958.

1. Poliomyelitis Research Laboratories and Institute of Epidemiology and Microbiology, Prague. J. Prochazka, Infekcni klinika, nemocnice Bulovka, Praha 8, Czechoslovakia.
(POLIOMYELITIS, prev. & control,
vacc. in Czech., clin. course of paralytic forms in vaccinated child.)

RASKA, K.; PECENKA, J.; RADKOVSKY, J.; ROUDNY, J.; TUMOVA, B.

Influenza epidemic in 1957. Cas. lek. cesk. 97 no.20:626-633 16 May 58.

1. Cs. chripkova ustredna pri Ustavu epidemiologie a mikrobiologie v Praze, prednosta prof. dr. Karel Raska. K. R., Praha 12, Srobarova 48.

(INFLUENZA, epidemiol.
in Czech. (Cz))

RASKA, K. RADKOVSKY, J.

Comparative epidemiological study in infectious hepatitis and poliomyelitis. J.hyg.epidem., Praha 3 no.4:365-381 1959.

1. Institute of Epidemiology and Microbiology, Prague.
(POLIOMYELITIS epidemiol.)
(HEPATITIS INFECTIOUS epidemiol.)

RASKA, Karel; RADKOVSKY, Josef

Analysis of the epidemiological position of tuberculosis. Cas. lek. cesk. 98 no.5:129-144 30 Jan 59.

1. Ustav epidemiologie a mikrobiologie, Praha, prednosta prof. dr. K. Raska, K. R., Praha 12, Srobarova 48.
(TUBERCULOSIS, epidemiol.
in Europe (Cz))

ZACEK, Karel; ADAM, Ervin; RADKOVSKY, Josef; VONKA, Vladimir; VANECKOVA, Nina; REZACOVA, Dagmar; JANDA, Zdenek; ADAMOVA, Vlasta

Repeated serological surveys performed in the general population of Czechoslovakia before and after the vaccination of children with inactivated and live poliovirus vaccine. J.hyg.epidem., Praha 4 no.4:453-469 '60.

1. From Institute of Sera and Vaccines, Clinical Laboratory for Poliomyelitis Research and from the Institute of Epidemiology and Microbiology, Prague.
(POLIOMYELITIS immunology)

RADKOVSKY, J.

Terminology and indices in epidemiologie, Praha. Cesk.epidem.mikrob. imun.9 no.5/6:308-312 J1'60.

1.Ustav epidemiologie a mikrobiologie, Praha.
(VITAL STATISTICS)

RASKA, K.; RADKOVSKY, J.

Attempted evaluation of certain epidemiological characteristics of infectious hepatitis by means of the analysis of morbidity. Cesk.epidem.mikrob.imun.9 no.5/6:349-356 J1'60.

1. Ustav epidemiologie a mikrobiologie v Praze.
(HEPATITIS INFECTIOUS epidemiol)

RADKOVSKY, J.; SVANDOVA, E.

Statistical evaluation of tuberculin tests. Cesk. epidem. 12 no. 6:328-351 N '63.

1. Ustav epidemiologie a mikrobiologie, Praha.

CZECHOSLOVAKIA

RASKA, K., MD, Dr of Sciences, Prof., and RADKOVSKY, J., Institute of Epidemiology and Microbiology (Ustav epidemiologie a mikrobiologie), Prague, Dr K. RASKA, director.

"Epidemiological Utilisation of Tuberculin Tests."

Prague, Casopis Lekaru Ceskych, Vol CII, No 39, 27 September 63, pp 1087-1091.

Abstract [Authors' English summary, modified]: Tuberculin tests may be applied to follow the spreading of tuberculosis. For this purpose standard tuberculin and standard evaluation methods are used. The method may be applied even to a population vaccinated en masse insofar the BCG vaccine provokes a comparatively low allergy. If the the performance and reading of the tests is carefully standardized and results evaluated by an epidemiological and statistical method it is possible to differentiate between the post-vaccination and post-infection allergies (infection rate). Tuberculin tests could also be important for the chemoprophylaxis of groups with an increased TB risk - i.e., the intensity of the tuberculin allergy would serve as an indicator. Moreover, tuberculin tests are indispensable for solving some important methodological problems in the TB eradication. Five references.

1/1

RADKOWIAK, Jozef

Chemical Abstracts
May 25, 1954
Biological Chemistry

(3)

The effect of dyes on Rickettsia prowazeki. Stefan Kryński and Józef Radkowiak (Państwowy Inst. Med. Morskiej, Gdańsk, Poland). *Med. Doświadczalna i Mikrobiol.* 5, 449–56(1953); cf. *Przegląd Epidemiologiczny* 6, 7(1951).—*R. prowazeki* shows variation in its viability, activity and susceptability to chemicals depending on the medium. Viability and activity are highest in fat-free milk, and lowest in physiol. NaCl. The bacteriostatic effect of dyes is greatest in NaCl and smallest in milk.
I. Z. Roberts

KRYNSKI, Stefan; RADKOWIAK, Jozef

Further studies on the effect of stains of Rickettsia prowazeki. Bull. State Inst. Marine Trop. M. Gdansk Vol.5:54-63; Russian transl., 63-69; English transl., 69-75 1953.

1. Z Panstwowego Instytutt Medycyny Morskiej i Tropikalnej w Gdansku i Instytutu prof. Weigla w Krakowie.
(RICKETTSIA PROWAZEKI, effect of drugs on,
*stains)
(STAINS AND STAINING,
*eff. on Rickettsia prowazeki)

RADKOWSKI, J.

The use and construction of a short revolving furnace. p. 197

PROBLEMY PROJEKTOWE HUTNICTWA. (Biuro Projektow Przemyslu Hutniczego, Biuro Projektow Przemyslu Stalowego i Biuro Projektow Przemyslu Metalowego) Cliwice, Poland, Vol. 6, no. 7, July 1958

Monthly list of East European Accession (EEAI) LC., Vol. 9, No. 1, Jan. 1960

Uncl.

RADL, J.; DUDA, J.

Pelleting increases the production of agglomerates. p. 164. (Hutnik, Vol. 7, No. 5. May 1957, Praha, Czechoslovakia)

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

RADL, J.

Pelletising of Fines Increases Agglomerate Production. J. Duda and J. Rádl. (*Hutník*, 1957, 7, (5), 164–170). [In Czech]. Theoretical and practical aspects of ore pelletizing are surveyed. Experiments carried out by the authors with a pilot plant with a capacity of 56–60 t/m³ per 24 h are reported. Granulometry, moisture content of the ore, air permeability of the product, time of pelletizing, inclination of rotary pelletizing pan and other variables were correlated for ores and ore fractions of different types, e.g. Krivoi Rog ores and blast-furnace fines. The results show that pelletizing of fines increases the permeability on sintering and improves its efficiency.—P. F.

Pediatrics

CZECHOSLOVAKIA UDC 616.153.36:616.155.29-091-8)-039.5 Wiskott-Aldrich

HOUSTEK, J.; HRODEK, O.; RADL, J.; LIBANSKA, J.; 2nd Pediatric Clinic, Faculty of Pediatrics, Charles University (II. Detska Klinika Fak. Detskeho Lek. KU), Prague, Head (Prednosta) Dr J. HOUSTEK; Institute for the Research of Development of Children (Ustav Vyzkumu Vyvoje Ditete), Prague, Director (Reditel) Prof Dr J. HOUSTEK.

"Changes in Serum Proteins and in Subtle Morphology of Thrombocytes in Wiskott-Aldrich Syndrome."

Prague, Casopis Lekaru Ceskych, Vol 105, No 39, 23 Sep 66, pp 1047 - 1052

Abstract [Authors' English summary modified]: The syndrome of the disease as observed in 2 brothers is discussed; the elder died at the age of 13, the younger at the age of 2½. Immunochemical examination showed marked changes in immunoglobulins, with a drop in IgM and an increase in IgA, and the presence of a paraprotein of the IgG-L type. These and other data indicate that the disease is a special case of hereditary immunological

[illegible] 41 Western, 2 Czech references

TOUSEK, Milos; BLAHNIK, Zdenek; RADL, Jiri

Proteins of thoracic exudates. Cas. lek. cesk. 98 no.28:884-888 10 July 59.

1. Interni oddeleni OUNZ Novy Bydzov, prednosta dr. M. Tousek. M. T..
OUNZ - interni oddeleni, Novy Bydzov.
(EXUDATES AND TRANSUDATES
proteins in thoracic exudates (Cz))
(PROTEINS
in thoracic exudates (Cz))

2

KRAUS, Z., MD; RÁDL, J., MD; TOUŠEK, M., MD

Czechoslovakia

Internal Medicine Ward OUNZ Hradec Králové, Hospital in Nová Bydžova (Vnitřní oddělení OUNZ Hradec Králové, nemocnice v Novém Bydžově); Head: M. TOUŠEK, MD; Central Laboratory OUNZ -- Hradec Králové (Ústřední laboratoře OUNZ -- Hradec Králové); Head: J. RÁDL, MD; Dermatological Ward OUNZ -- Hradec Králové (Dermatoverologické odd. OUNZ -- Hradec Kralové); Head: Z. KRAUS, MD

Prague, Vnitřní lékařství, No IX-2, 1962, pp 174-177

"Benign Cryoglobulinaemic purpura."

[illegible] [illegible]; [illegible], Jiri

[illegible] protein [illegible] in [illegible]. Prac. lek. [illegible]
[illegible] '64.

1. Oddeleni nemoci z povolani Krajskeho ustavu narodniho zdravi [illegible] kraje v Hradci Kralove (vedouci MUDr. J. Jindri-chova, CSc.) a Ustredni laboratore nemocnice v Novem Bydzove (vedouci MUDr. J. Rall).

RADL, J.; RADL, V.

Use of an ion-exchange filling for preparation of good quality water for laboratories of the Institute of Public Health. Cas. lek. cesk. 103 no.28:809-811 6 Jl '64

1. Ustredni laboratore OUNZ v Hradci Kralove, nemocnice v Novym Bydzove (vedoucí: MUDr. J.Radl) a Vyzkumny ustav syntetickych pryskyric a laku v Padubicich (reditel: inz. Z.Ordelt, CSc.)

[illegible], R., [illegible]D., J.; POUPA, O.

The distribution and content of myoglobin in the heart of the rat during postnatal development. Physiol. Bohemos 14. no. [illegible] 317-319 '65.

1. Institute of Pathological Physiology and Institute of Child Development, Paediatric Faculty, Charles University and Institute of Physiology, Czechoslovak Academy of Sciences, Prague. Submitted October 27, 1964.

MARAN, Bohuslav, akademik, laureat statni ceny; KAUT, Vl., inz.; SVORCOVA, S., MUDr.; TUSL, M., MUDr., C.Sc.; RABA, Jan.; MATERNA, Jan, inz.; KLIMECEK, Rostislav; BETTELHEIM, Jan, inz.; HALA, Eduard, doc., inz., dr.; UHER, L., inz.; KORDIK, E.; ERDOS, Emerich, doc., inz., dr.; VOSOLSOBE, Jan, doc., inz., dr.; NADENIK, O., inz.; HRUDKA, J.; HOSTALEK, Zdenek, inz., dr.; RADL, K., inz.; PEKAREK, Vl., MUDr.; BLISTAN, J., inz.; STORCH, O. inz.

A national conference on protection against chemical fumes from electric heat plants; a sumary of reports. Energetika Cz 11 no.2:109-111 F '61.

RADL, Vladimir

RADL, Vladimir, MUDr.

Encephalitis in 1953 in Czechoslovakia. Prakt. lek., Praha 34 no.12:279-280 20 June 54.

1. Neurologicka ambulance OUNZ Decin.
(ENCEPHALITIS, EPIDEMIC, epidemiology
Czech.)

RADL, J.; RADL, V.

Use of an ion-exchange filling for preparation of good quality water for laboratoriesof the Institute of Public Health. Cas. lek. cesk. 103 no.28:809-811 6 Jl'64.

1. Ustredni laboratore OUNZ v Hradci Kralove, nemocnice v Novym Bydzove (vedouci: MUDr. J.Radl) a Vyzkumny ustav syntetickych pryskyric a laku v Padubicich (reditel: inz. Z.Ordelt, CSc.)

RADL, V.

SMID, J., RADL, V.
"Characteristics and Testing of Our First Strong Basic Ion Exchange Resin OAL," p. 179.
(Chemicky Prumysl, Vol.3, No.5, May 1953, Praha.)

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

RADL, Vladimir; KREJCAR, Emil

Cation exchange resins as drying agent for gases and liquids.
Chem prum 12 no.10:579-582 O '62.

1. Vyzkumny ustav syntetickych pryskyric a laku, Pardubice.

PESEK, Miroslav, inz.; RADL, Vladimir

Radiation stability of the styrene divinylbenzene type strong basic anion-exchanging substances. Chem zvesti 18 no.7:502-511 '64.

1. Research Institute of Synthetic Resins and Lacquers, Pardubice, S.K. Neumana 1316.

RADL, Z.

621.316.626.017.71

1100. TEMPERATURE RISE OF IRON COMPONENTS AROUND CONDUCTORS CARRYING LARGE ALTERNATING CURRENTS.

Z. Řídl.

Elektrotech. Obzor, Vol. 46, No. 1, 37-41 (1957). In Czech.

An experimental programme is described to measure the temperature rise around copper conductors in bushings that are mounted on iron plates 3,5 mm thick. From measurement correlations, the empirical formula for the temperature rise of the iron plate at 8 cm radius from the conductor centre has been determined: $\Delta\vartheta = 30\,(I/1000)^{1.88}$ °C. In conclusion, the author recommends the use of cast-iron sleeves in bushings to 1000 A, split cast-iron sleeves separated by non-magnetic distance pieces to 1500 A and above this value sleeves of non-magnetic materials. E.Erdélyi

RADL, Z.; POSPISIL, Z.

"Influence of the cavity on electric properties of supporting insulators."

Elektrotechnicky Obzor. Praha, Czechoslovakia. Vol. 47, no. 10, Oct. 1958.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

[illegible], [illegible].; [illegible], [illegible].; [illegible], [illegible].

"Improving the quality of Czechoslovak car-type insulators."

[illegible]. Praha, Czechoslovakia, Vol. 9, no. 4, March 1959

Monthly list of East European Accessions Index (EEAI), Library of Congress, Vol. 8, no. 8, August 1959

Unclassified

RÁDL, Zbynek, inz.; BENDA, Ladislav

New mallets and sockets for suspended insulators in Czechoslovakia. Energetika Cz 12 no.9:465-467 S '62.

1. Vzykumny ustav elektrotechnicke keramiky, Hradec Kralove.

RADL, Zb., inz.

Effect of the duration of operating voltage on the spark-over voltage of insulators under rain. El tech obzor 51 no.11:606-607 N '62.

[illegible], [illegible], inz.

Analysis of the electric field of a cap insulator. El tech obzor 53 no.4.20[illegible]-216 Ap '6[illegible].

High voltage laboratory of the Doulton [illegible]dustrial Porcelains Ltd. in England. Ibid.[illegible]

1. VUEK, Hradec Kral[illegible].

L 10468-66 EWT(1) IJP(c) GG

ACC NR: AP6003737 SOURCE CODE: CZ/0017/65/054/002/0077/0080

AUTHOR: Veverka, Antonin (Professor, Engineer, Doctor, Doctor of sciences); Radl, Zbynek (Engineer)

ORG: none

TITLE: Voltage distribution on the surface of a dielectric with an embedded electrode

SOURCE: Elektrotechnicky obzor, v. 54, no. 2, 1965, 77-80

ABSTRACT: Expressions are theoretically derived for the voltage distribution across the surface of a dielectric with an embedded circular electrode. In the limiting case the theoretical results agree with the expressions previously derived for a dielectric with an embedded electrode having a rectilinear edge. The voltage distribution was experimentally verified by measurement with a capacitance probe in compensating connection on objects of Plexiglas. Orig. art. has: 6 figures and 23 formulas. [JPRS]

SUB CODE: 20 / SUBM DATE: 03Dec64 / ORIG REF: 001 / SOV REF: 001

UDC: 537.226

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L 21366-66
ACC NR: AP6010921 SOURCE CODE: CZ/0039/65/026/006/0331/0334

51
B

AUTHOR: Radl, Zbynek (Engineer)

ORG: Research Institute of Ceramics Electrical Engineering, Hradec Kralove (Vyzkumny ustav elektrotechnicke keramiky)

TITLE: Modelling electrostatic or current fields with a resistor net

SOURCE: Slaboproudy obzor, v. 26, no. 6, 1965, 331-334

TOPIC TAGS: resistor, electric resistance, electric field, electrostatic field, electric capacitor, dielectrics, circuit microminiaturization

ABSTRACT: An analog method of calculating the fields in capacitor components by the use of a resistor net is described and the prospects of using it in research on microminiature components and dielectrics are pointed out. Orig. art. has: 10 figures and 10 formulas. [JPRS]

SUB CODE: 20, 09 / SUBM DATE: 25Feb65 / ORIG REF: 003

UDC: 621.317.729

Card 1/1 LJC

1(2) PHASE I BOOK EXPLOITATION CZECH/3132

Bádl, Zdeněk

O tryskovém létání (On Jet Flying) Praha, Orbis, 1959. 308 p. (Series: Knihovna Československé společnosti pro šíření politických a vědeckých znalostí, Sv. 145) (Series: Edice technické vědy, Sv. 22) 3,000 copies printed.

Resp. Ed.: Ema Bílková.

PURPOSE: The book is intended for the general reader with a basic knowledge of aircraft engineering and flying. The text could be of value to aircraft engineers and research scientists seeking compendious information on the development of jet propulsion and leading types of jet engines in the USA, USSR, and Great Britain.

COVERAGE: This well illustrated book is a comprehensive survey of the main aspects of jet propulsion all over the world. In a descriptive way the author presents the achievements in jet-aircraft designing and flying and discusses the main problems associated with the progress in nuclear propulsion and rocket engineering. The book covers the following subjects (in order

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On Jet Flying

of treatment): chief technological difficulties besetting a propeller-type aircraft regarding sonic and supersonic speeds; principles of aerodynamics explained in simplified-scientific terms; early history of jet-engine designing and an historical sketch of the work done and achievements in sonic and supersonic flying; technological fundamentals of jet propulsion; main types of contemporary jet engines; the problem of supersonics and achievements in overcoming the technological difficulties pertinent to supersonic flight; evaluation of attempts to augment the effectiveness of heat-transfer devices; jet aircraft and their military use; rules for safe landing, climbing and operation, including re-fuelling in flight; pecularities of jet-aircraft maintenance, servicing and housing and some data on jet airfields and their fuel supply; application of nuclear power in aircraft engineering, comprising an outline of nuclear-rocket propulsion and its achievements; space travel and its prospects; impact of space upon human physiology, with a survey of the fundamentals of aviation medicine. The book is rich in data and facts on Soviet engines and Soviet achievements, especially in the study of outer space. The book has Russian and German résumés. There are 275 figures, 40 photographs, 10 tables, and 4 inserts (with diagrams and data). There are 51 references, 22 Soviet, 19 Czech (among these - some translations from Russian), 5 English, and 5 German. No personalities are mentioned.

On Jet Flying

TABLE OF CONTENTS:

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On Jet Flying

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AVAILABLE: Library of Congress

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3-22-60

RADLE-DESYATNIK, S.S.

Malonic acid diamide. Met. poluch. khim. reak. i prepar. no.6:101-102 '62. (MIRA 17:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh reaktivov i osobo chistykh khimicheskikh veshchestv.

CZINGER, Jeno, dr.; BARTOS, Gabor, dr.; RADLER, Antal, dr.

On the Spongostan gelatin foam. Orv. hetil. 104 no.44:2081-2084 3 N '63.

1. Pecsi Orvostudomanyi Egyetem, Sebeszeti, Anatomiai es Mutettani Intezet es II Sebeszeti Klinika.
(HEMOSTATICS) (FIBRINOGEN)
(SURGERY, OPERATIVE)

HUNGARY

RADLER, Dr Antal, Surgical Clinic No 2 of the College of Medicine, Pecs (Pecsi Orvostudomanyi Egyetem II. sz. Sebeszeti Klinika)(Director: Prof. Dr. Tihamer KARLINGER).

"Omental Twist"

Budapest, Magyar Sebeszet, Vol 19, No 3, Jun 66; pp 179-181.

Abstract: On the basis of two cases of their own, authors discuss briefly the clinical aspects of omental twist. This is a rare disease, occurring in acute abdomen. The diagnosis is clarified in most cases only at operation; even in the authors' own cases the laparatomy was carried out on the basis of a diagnosis of acute perforative appendicitis. (19 References, mainly Western).

1/1

NOWICKI, Andrzej Jerzy; RADLICZ, Krzysztof

On the occurrence and genesis of the Quaternary conglomerate. Kwartalnik geol 5 no.4:915-930 '61.

1. Zaklad Zdjec Geologicznych, Zaklad Petrografii i Geochemii, Instytut Geologiczny, Warszawa.

RADLICZ, Krzysztof

Petrography of the Jurassic in the Wisznice IG I and Mielnik IG I boreholes. Kwartalnik geol 5 no.4:941-942 '61.

1. Zaklad Mineralogii i Petrografii, Instytut Geologiczny, Warszawa.

RADLICZ, Krzysztof

Petrography of the Malm deposits in the Paslek IG I borehole. Kwartalnik geol 5 no.4:944-945 '61.

1. Zaklad Mineralogii i Petrografii, Instytut Geologiczny, Warszawa.

RADLICZ, Krzysztof

Petrography of the malm deposits in the Choszczno IG I borehole. Kwartalnik geol 6 no.2:398-399 '62.

1. Zaklad Mineralogii i Petrografii, Instytut Geologiczny, Warszawa.

RADLICZ, Krzysztof

Petrography of the malm deposits in the Krasnystaw IG I borehole. Kwartalnik geol 6 no.2:399-400 '62.

1. Zaklad Mineralogii i Petrografii, Instytut Geologiczny, Warszawa.

RADLICZ, Krzysztof

Petrographic characteristics of the malm deposits in the Tyszowce IG I borehole. Kwartalnik geol 6 no.2:400-401 '62.

1. Zaklad Mineralogii i Petrografii, Instytut Geologiczny, Warszawa.

RADLICZ, Krzysztof

Petrography of the malm deposits in the Goldap IG I borehole.
Kwartalnik geol 6 no.2:403-404 '62.

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RADLICZ, Krzysztof

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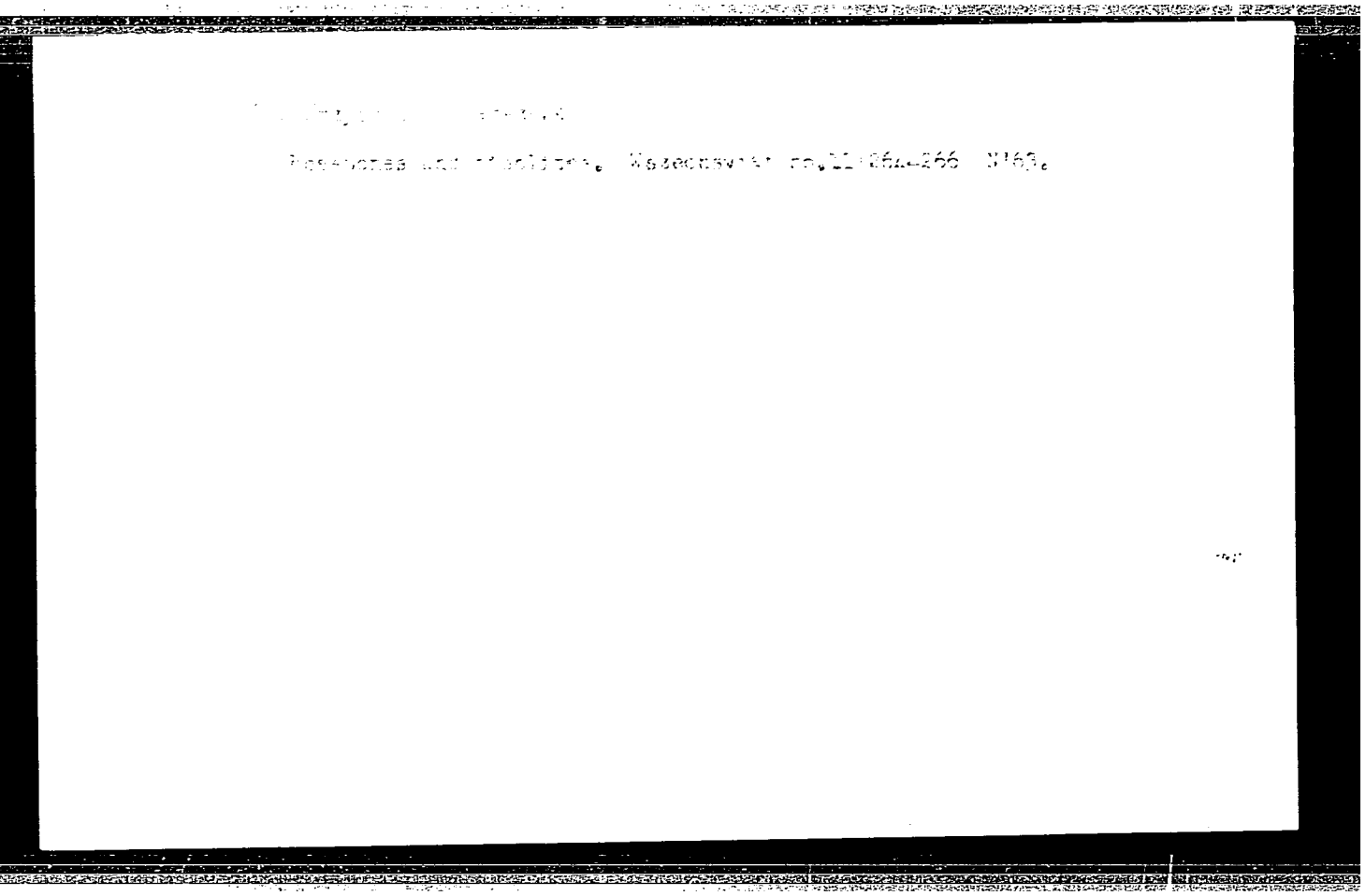

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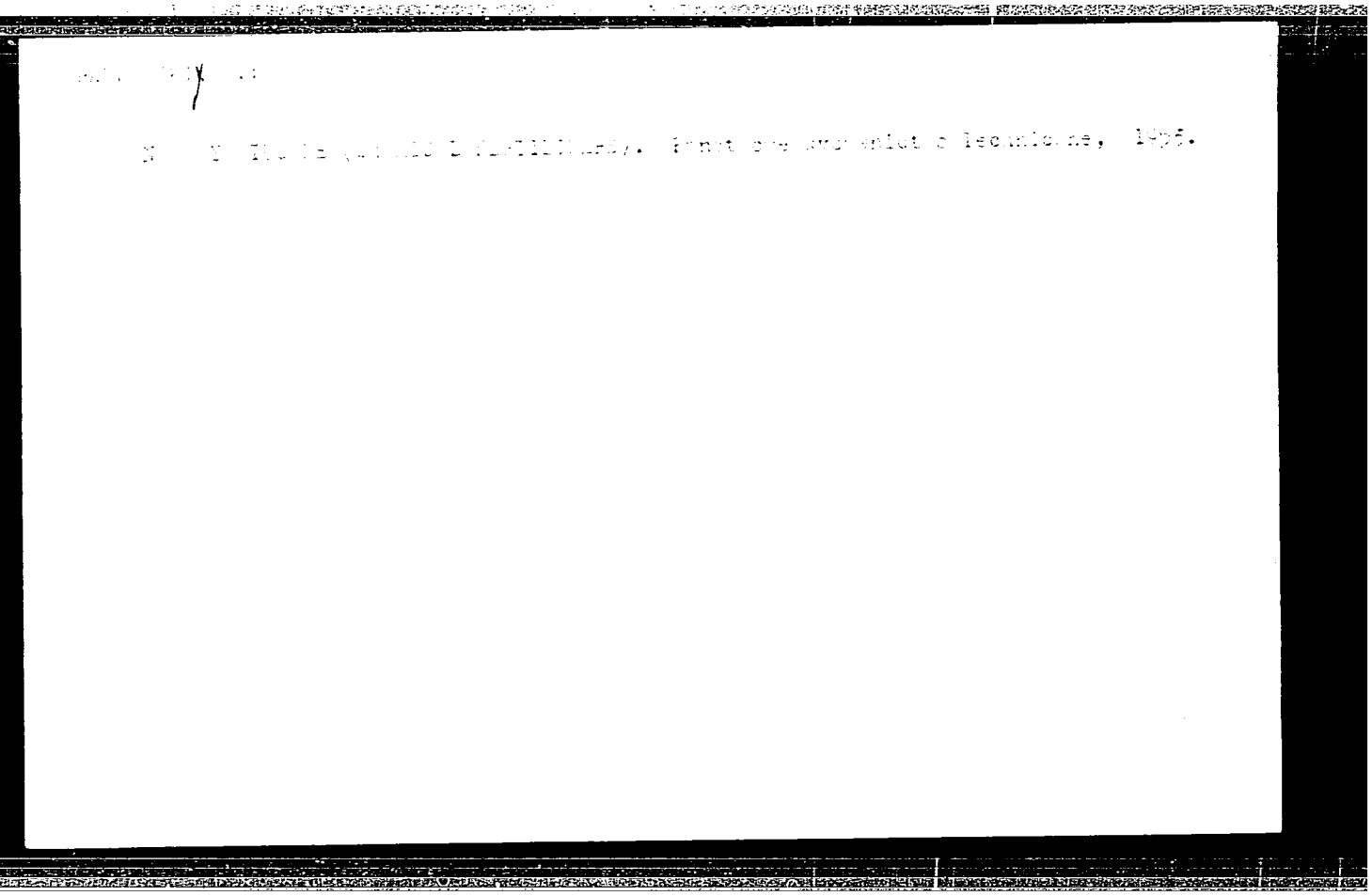

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Development of chemical synthesis in Poland during the last ten years.

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1. Minister Przemyslu Chemicznego.

P/005/61/000/006/003/005
A076/A026

AUTHOR: Radliński, Antoni, Master of Engineering, Minister

TITLE: What Will Chemistry Bring in 1961 - 1965

PERIODICAL: Przegląd Techniczny, 1961, No. 6, pp. 7 - 8

TEXT: This article outlines the production plans of the Polish chemical industry during the 5-year plan 1961 - 1965. Steps will be taken during this period to ensure high-quality products and to start new chemical products. Special attention will be paid to improve the disproportion between production of plastics and of synthetic fibres and solve the problem of raw material supply. It is planned to increase the oil processing capacity of Polish refineries 4 times during that period. In 1961, the processing capacity of the oil refinery in Czechowice will increase to 500,000 tons annually. Further, one of the biggest investments of the 5-year plan, the construction of the Mazowieckie Zakłady Rafineryjne i Petrochemiczne (Mazowsze Refinery and Petrochemical Plant), will be completed. This plant will increase the oil production 8 times by 1968. In addition, a considerable quantity of oil will be available after the oil pipeline between Poland and the USSR is completed. In order to improve the quality of oil and gasoline new and modern thechno-

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logical processes will be introduced. The industry for chemical synthesis and nitrogen fertilizer will be expanded and its production based mainly on natural gas. The recently discovered new natural gas fields in Poland and the additional supply of 1 billion m^3 from the USSR will assure ample resources of natural gas for the Polish chemical industry. A large nitrogen plant, supplying about 140,000 tons of nitrogen fertilizer, 80,000 tons of polyvinyl chloride and synthetic resin, will be built in Tarnów during the 5-year plan. At the same time a similar combine will be built in Puławy. This combine will process about 300 million m^3 of natural gas when starting operation; later about 600 million m^3 and finally about 900 - 1,000 million m^3 of natural gas will be processed annually. Further, the Zakłady Chemiczne (Chemical Plant) in Oświęcim will process about 5 times more natural gas in the production of plastics, etc, during that period, thus decreasing production costs by about 30% and saving about 850,000 tons of metallurgical coke by 1965. A new industrial branch, petrochemistry, will be expanded and new products will be made, e.g. ethylbenzene, polyethylene, synthetic fibres, butylene, phenol, acetone and soap ingredients. Due to the expansion of sulfur mines, which by 1965 will produce about 400,000 tons of sulfur, the production costs of sulfur acid will be decreased by about 40%. There are 2 tables.

ASSOCIATION: Przemysł Chemiczny (Chemical Industry)

P/005/61/000/000/003/005
A076/A026

What Will Chemistry Bring in 1961 - 1965

Table 1: A Chemical Industry; (B) Products: (1) Synthetic ammonia, (2) gas chloride, (3) sulfur acid calculated on 100%, (4) sulfur elements, (5) calcinated soda, (6) caustic soda, (7) carbide 75%, (8) nitrogen fertilizer converted to N_2, (9) phosphatic fertilizer converted to $P_2 P_5$, (10) synthetic methyl alcohol, (11) synthetic butyl alcohol, (12) acrylonitrile, (13) caprolactam, (14) synthetic rubber, (15) tannin and other products for tanning industry, (16) products for textile industry, (17) synthetic silk yarn, (18) cut fibres, (19) synthetic fibres type: (20) steelon, (21) elana, (22) anilana, (23) vinyl polychloride, (24) polystyrene, (25) polyethylene, (26) products from polyvinyl chlor, (27) varnish, (28) soap ingredients, (29) rubber products, (30) automobile tires for (a) passenger cars, (b) trucks; (C) Measurement Units: (1) - (30) = thousand tons, (30) (a) and (b) = thousand units.

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(1) Przemysł chemiczny (Chemical Industry)

(2) Wyszczególnienie (Products)	(3) Jedn. miary	1937	1949	1955	1960	1965
Amoniak syntet.	tys. t	33,4	48,6	166,5	344,0	680
Chlor gazowy	"	4,0	5,0	8,1	35,0	101,0
Kwas siarkowy w przelicz. na 100%	"	180	276	450	669	1328
Siarka element.	"	—	—	12,9	26,5	411,5
Soda kalcyn.	"	88,7	121	219	523	740
Soda kaustyczna	"	21,9	56,4	101,5	170,9	284,0
Karbid w przelicz. na 75% (4)	"	64,4	154,0	211,3	365	450
Nawozy azotowe w przeliczeniu na N_2	"	42,6	73,9	154,1	269	464
Nawozy fosforowe w przeliczeniu na P_2O_5	"	43,9	73,6	132,1	205	400
Alkohol metylowy syntetyczny	"	—	—	9,3	20,7	83,0
Alkohol butylowy syntetyczny	"	—	—	—	1,3	10,0
Akrylonitryl	"	—	—	—	—	12,0
Kaprolaktan	"	—	—	0,5	5,2	16,2
Kauczuk synt.	"	—	—	—	20,0	45,0
Garbniki i środki pomocnicze dla p. garbarskiego	"	—	0,69	4,9	8,3	12,0
Środki pomocnicze dla p. włókienniczego	"	—	—	4,6	16,1	23,9
Przędza sztucz. jedw.	"	0,5	9,0	15,4	21,6	31,8
Włókna cięte	"	1,0	13,0	35,0	47,9	50,0
Włókna sztuczne syat. typu (5)						
stelon	"	—	0,02	0,5	4,5	12,0
typu elana	"	—	—	—	—	7,0
typu anilana	"	—	—	—	—	10,0
Polichlorek winylu	"	—	—	—	11,0	60,0
Polistyren	"	—	—	—	3,3	12,5
Polietylen	"	—	—	—	—	10,0
Wyroby z polich. wiu.	"	—	—	4,3	25,1	87,0
Wyroby lakiernicze	"	4,2	10,7	49,5	90,6	181,0
Proszki do prania	"	6,6	30,0	65,4	65,8	134,0
Wyroby gumowe	"	10,2	20,3	72,9	127,5	188,4
Opony samochodowe	tys. szt.	—	52,0	131,6	575,0	960,0
Łosobowe	tys. szt.	—	93,0	337,5	640,0	1010,0
ciężarowe						

P/005/61/000/006/003/005
A076/A026

What Will Chemistry Bring in 1961-1965

Table 1 continued

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Table 2: (A) Supply of Fertilizer for Rural Districts; (B) within borders; (C) former; (D) present; (1) Total in pure ingredients in thousand/tons, (2) nitrogen fertilizer, (3) phosphatic fertilizer, (4) potassium fertilizer, (5) lime fertilizer.

Table 2 (A) Zaopatrzenie wsi w nawozy sztuczne

	(B) 1937/38 w granicach		1948/49	1955	1960	1965
	(C) dawnych	obecnych				
Ogółem w czystym składniku tys. (1)	125,1	696,5	262,4	543,9	751,1	1243
Nawozy azotowe „ (2)	30,1	148,3	70,8	137,7	252,4	433
„ fosforowe „ (3)	54,4	180,1	81,7	145,8	181,0	360
„ potasowe „ (4)	40,6	278,1	109,9	260,4	317,7	450
Wapno nawozowe „ (5)	11,0	—	83,1	438	394,8	1450

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S/064/61/000/011/007/007
B110/B101

AUTHOR: Radliński, A., Minister of the Chemical Industry of the Polish People's Republic

TITLE: Development of the chemical industry of the Polish People's Republic

PERIODICAL: Khimicheskaya promyshlennost', no. 11, 1961, 77 - 80

TEXT: In 1960, the production of H_2SO_4 (685,000 tons) was four times, that of soda six times, of man-made fibers 10 times, of chlorine 14 times, of varnishes and paints 22 times the amounts of 1937. 478,000 t of nitrogen and phosphate fertilizers were produced. 2500 new products including 20,000 t of synthetic rubber, 55,000 t of plastics, 4500 t of polyamide fibers (stylon), and 22.7 t of antibiotics were produced. In 1961, the production of plastics was 2.1, of man-made fibers 2.7, and soaps 6.2 kg per head of the population (30,000,000). The supply of liquid fuels, plastics, synthetic fibers, varnishes, and paints is still insufficient. By 1965, chemical production is to be increased by 110% as compared to 1960, which means that chemical industry will increase

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Development of the chemical industry...

twice as fast as the total industry. Raw material bases (sulfur, coke oven gas, petroleum, etc.) should be increasingly utilized, and methods are to be improved. Production and export of synthetic fibers and plastics, fertilizers and plant protectives are to be increased. Known sulfur resources amount to 110,000,000 t. In 1961, the Piaseczno Deposit yielded 151,000 t of sulfur, for 1965 400,000 t are provided 145,000 t of which are to be exported. The production of table salt is to be increased from 1,900,000 t in 1960 to 2,450,000 t in 1965. The potash deposits of Kłodawa are abounding. So far, the petroleum industry could not meet the demands. By 1965, the Płock petrochemical combine is planned to produce gasoline, Diesel oil, lubricants, asphalts, petroleum coke, paraffins, etc., from Soviet crude petroleum supplied through pipelines. By 1965, the production of H_2SO_4 is to attain 1,325,000 t, 625,000 t of it from sulfur ~ 600,000 t of the planned 740,000 t of calcined soda are to be supplied by the Janikow Plant where 300,000 t are produced now. 200,000 t are intended for export. In 1964, two up-to-date electrolytic units for 45,000 t of chlorine each will be put into operation at the Tarnów plant of fertilizers and the Oświęcim chemical combine. Chlorine production at the "Rokita" plant will be increased. A plant for the oxidation of natural gas is to be erected

Card 2/3

in Tarnów. It is planned that 45,000 t of synthetic rubber, 200,000 t of plastics including 60,000 t of PVC, 10,000 t of polyethylene be produced by 1965. 29,000 t of the projected 114,500 t of man-made fibers are to be synthetic fibers, 12,000 t polyamide (stylon), 7000 t polyester, and 10,000 t polyacrylonitrile fibers, 23,000 t rayon, and 8800 t viscose cord. Expansion of the Kędzierzyn, Chorzow, and Tarnów plants (planned daily output = 2300 t of NH_3) will allow the production of 464,000 t of nitrogen fertilizer. A nitrogen plant is to be built in Puławy. The production of 400,000 t of P_2O_5 allows the erection of a new superphosphate plant in Tarnobrzeg. Of 1,450,000 t of CaO, 64% will be $CaCO_3$ and 36% CaO. 45,000 t of forage urea, 10,000 t of bone meal, 4500 t of forage precipitate, 50 t of antibiotics, and 20 t of vitamins will be supplied for cattle breeding. By 1965, 162,000 t of rubber will be produced. Already now, salicylates, sulfonamides, pyrazolones, barbiturates, poppy alkaloids, penicillin, detreomecin, and three different tetracyclines are being exported. Intensified production of vitamins, organic preparations, cortisons, preparations for psychotherapy and X-ray diagnosis is planned. Exports will amount to about 1,800,000,000 złoty. Present exports include synthetic rubber, polystyrene, PVC, and Ba salts. There is 1 table.

Card 3/3

RADLIN'SKI, A.

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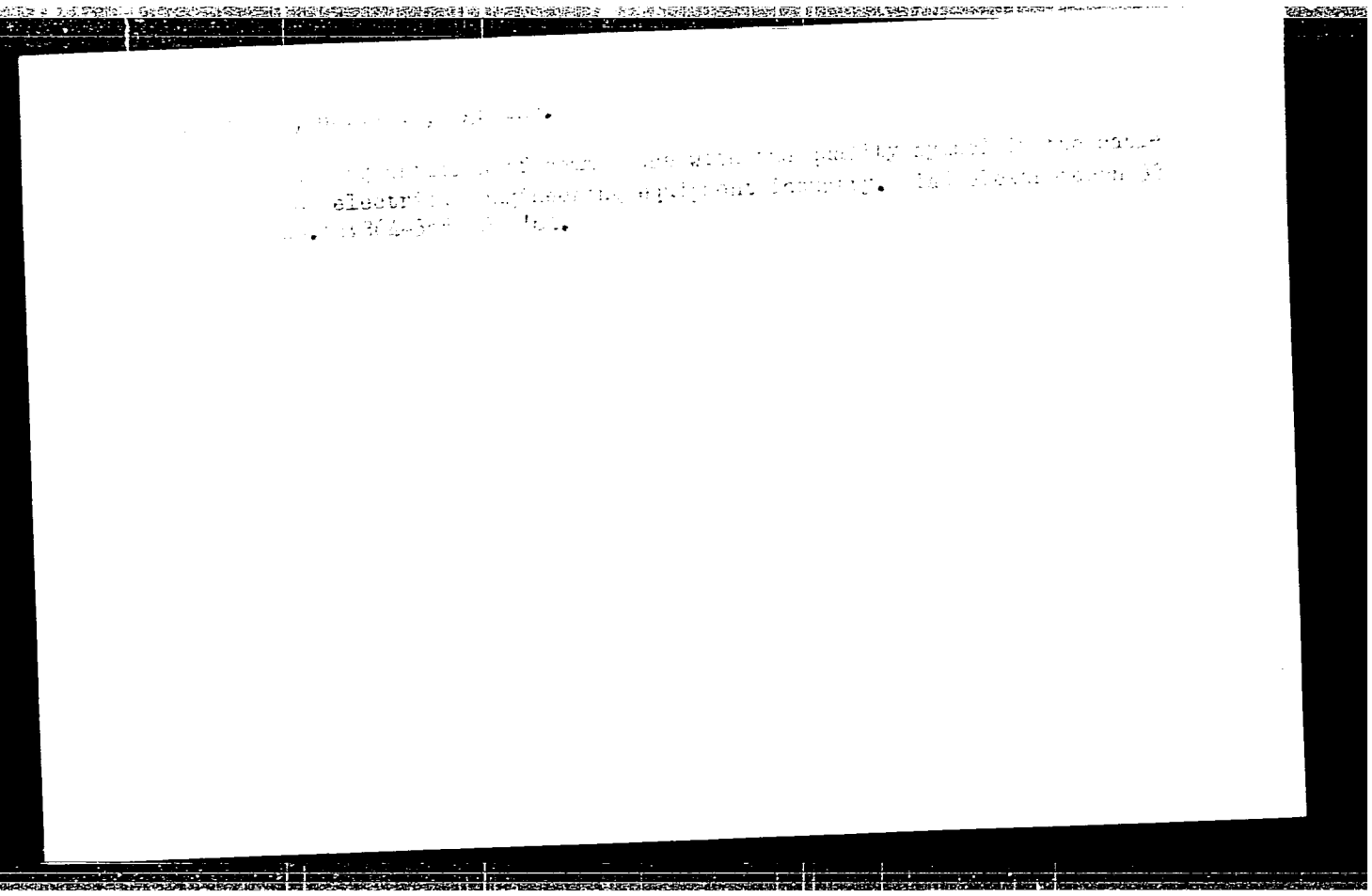

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SO: Letopis' Zhurnal'nykh Statey, Vol. 45, Moskva, 1949

RADIOVA, L. N.

58/49T4

USSR/Astronomy May/Jun 49
Nebulae
Photography

"Integral Photographic Astral Dimensions of Certain Planetary Mists," L. N. Radlova, O. V. Kats, O. D. Dokuchayev, State Astr Inst imeni P. K. Shternberg, 1½ pp

"Astron Zhur" Vol XXVI, No 3

Discusses southern planetary mists photographed in 1947 by L. N. Radlova and O. V. Kats at Abastuman Astrophys Obs. Photographing was done with an 8-inch camera (one meter length)

58/49T4

USSR/Astronomy (Contd) May/Jun 49

and a Schmidt nonaberration camera (D-36 cm, F-62 cm). Gives table of names of mists, their coordinates for the year 1900, angular diameters, etc.

58/49T4

RADLOVA, L. N.

16875

USSR/Astronomy - Academy of Sciences Sep/Oct 50
Personalities

"Chronicle: Scientific Session of the Department of Physicomathematical Sciences, and Meeting of the Astronomical Council, Academy of Sciences USSR, at Riga", L. N. Radlova

"Astron Zhur" Vol XXVII, No 5, pp 321-322

Subject groups met 21-23 Jun 50 with Latvian, Lithuanian, and Estonian Academies of Sciences. Briefs lectures by V. A. Ambartsumyan, Ya. Ya. Ikauniyeks, P. V. Slavenas, A. Ya. Kipper, L. E. Gurevich, A. I. Lebedinskiy, A. G. Masevich, I. A. Kurzemiyentse, N. N Pavlov, N. S. Yakhontov, K. A. Shteyns, D. Kalinin, and O. Sinov.

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SO: [illegible] -- Astronomiya i [illegible], No. 4, 1954 ([illegible]307)

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