BELOPITOV, P.; VASILEV, V.; MLADENOVA, A.

Concentration of penicillin in the blood serum in the prevention of rheumatism with depot-penicillin preparation benzacillin. Suvr. med. 14 no.5:44-47 '62.

(RHEUMATIC FEVER) (PENICILLIN)
(BLOOD CHEMICAL ANALYSIS)

MLADENOVA, E.

"Painless Childbirth" p. 12 La Bulgarie d'Aujourd'hui Biweekly, Vol. 3, no. 5/6, Mar. 1954.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

ISTATKOV, Stoian; EDREVA, Anlika; MLADENOVA, Iordanka

Presowing treatment of potato tubers with gibberellin acid, and its effect on some biochemical changes in the potato plant during the vegetation period. Selskostop nauka 2 no.5/6.549-557 '63.

STOIANOVA-IVANOVA; MLADENOVA, K.

Sulfonation of methyl -2- phenyl -3- indone and fusion of alcaline of obtaining monosulfonique acid. Doklady BAN 14 no.4:365-368 '61.

1. Note presentee par D. Ivanoff [D. Ivanov] membre de l' Academie.

MLADENOVA, M.; DASKALOVA, S.; BALDARANOV, D.

Treatment of thyrotoxicosis with lysates. Suvrem. med., Sofia 8 no.2:81-86 1957.

1. Iz Okruzhnata bolnitsa - Sofiia. (Gl. lekar; Manchev)
(HYPERTHYROIDISM, therapy,
lysates (Bul))

STRUTSKY, [illegible] L, [illegible]

[illegible] Ka[illegible]

[illegible]

TASHEV, Tasho A., prof.; [illegible], Ch.; [illegible], [illegible]

Dietetic regimens in case of experimental animals irradiated with sublethal doses of roentgen rays. Izv Inst khranene i [illegible] 83-94 '63.

1. Chl.-kor. na Bulgarskata akademiia na naukite, chlen na Redaktsionnata kolegiia i otgovoren redaktor, "Izvestia na Instituta po khranene" (for Tashev).

TASHEV, Tashe A., prof.; [illegible], T.; [illegible], L.

Application of lyophilized royal jelly (preparation [illegible]) to adult individuals. Izv. [illegible] Khranene [illegible].

1. Chl.-kor. na Bulg. [illegible] akademiia na naukite, [illegible] na Redakcionnata [illegible] [illegible] redaktor, "Izv[illegible] na Institutaq [illegible] [illegible]ashev).

BRAILSKI, Kh.; GRUNCHAROV, V. [Gruncharov,V]; MLADENOVA, Z.

Effect of the parsley juice and decoction on the secretory and motor functions of the stomach and the biliary secretion. Vop.pit. 22 no.1:13-17 Ja-F'63 (MIRA 16:11)

1. Iz kafedry gastroenterologii i diyetetiki (zav. - prof. T.Tashev) Instituta spetsializatsii i usovershenstvovaniya vrachey, Sofiya, Bolgariya.

TASHEV, T.A.; OBRAZTSOVA, N.; [illegible], Z.

The problem of the saturation of the population with ascorbic acid. Izv Inst Kazakhsk BAN 3:145-151 '62.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810019-3"

MLADENOVA-ORLINOVA, L.

BULG.

Dehydration of aryl-substituted β-hydroxy acids with sulfuric acid. Ch. Ivanov and L. Mladenova-Orlinova. *Bull. inst. chim. acad. bulgare sci.* [illegible] 0.5 hr. after 2 g. $MeCH(OH)PhCHPhCO_2H$ was added to 15 ml. 97.7% H_2SO_4, the mixt. was poured into 150 ml. H_2O and extd. with Et_2O until the ext. was not colored; the combined exts. were then washed with small amts. of H_2O, giving a yellow colored aq. soln. (I), which was extd. with 2% alkali to sep. the carboxylic acids (II), and the Et_2O distd. leaving a yellow oil, which crystd. from 95% EtOH to give *2-phenyl-3-methylindone* (III), m. 312-13°. II was acidified, extd. with Et_2O, the Et_2O evapd. and the residue taken up in EtOH, giving crystals, m. 175-7° (probably an *isomer* of *2,3-diphenylcrotonic acid*). When the action of H_2SO_4 was prolonged 2 varieties of crystals were obtained from the alk. soln.: cubic, m. 196-9° (probably *2-phenylindone-1-carboxylic acid*), and prismatic, m. 265-72° (probably *2,3-diphenyl-4-hydroxybutanoic acid*). Oxidation of 0.64 g. III with 0.84 g. $KMnO_4$ in water gave *p*-hydroxybenzoic and salicylic acids. Dehydration of $Ph-CH_3C(OH)PhCHPhCO_2H$ was carried out in the same way with 95.5% H_2SO_4; the Et_2O soln. yielded crystals, m. 143-4° (probably an *isomer* of *2,3,4-triphenylbutyrolactone*), and 154-5° (probably *2-phenyl-3-benzalhydrindone* (IV)). The alk. soln. yielded the unreacted acid while the aq. soln. upon satn. with NaCl gave oils which could not be crystd. When 97.7% H_2SO_4 was used, the Et_2O ext. gave colorless crystals (V), m. 122-5° (probably *sulfonic acid deriv.* of IV) and an oil which when dissolved in water and salted out with NaCl gave crystals, m. 239-42° (probably the *Na salt* of V).

G. Meguerian

MLADENOVA-ORLINOVA Lilyana

BULG

Dehydration of 2,3-diphenyl- and 2,3,4-triphenyl-3-hydroxybutyric acids. Chavdar Ivanov and Lilyana Mladenova-Orlinova (State Polytech. Inst., Leningrad, Stalin St.). Bulgar. sci. 6, No. 1, 31-6(1953) (French summary); cf. C.A. 49, 2306f.—2,3-Diphenyl-3-hydroxybutyric acid (I) (2 g.) heated in 95.5% 15 ml. H_2SO_4 yields: 2-phenyl-3-methylindone (orange crystals from EtOH, m. 67-8°), 2-(p-sulfophenyl)-3-methylindone (orange crystals from EtOH, m. 312-13°); white needles, m. 176-7° (from EtOH), probably an isomeric form of 2,3-diphenylcrotonic acid; prisms, m. 273° (from EtOH), probably 2,3-diphenyl-4-hydroxybutyric acid. 2,3,4-Triphenyl-3-hydroxybutyric acid (II) (2 g.) heated in 10 ml. 95.5% H_2SO_4 yields: 2-phenyl-3-benzylindone (0.140 g. yellow crystals from EtOH), apparently needles (0.280 g.), m. 115-4° (from EtOH), m. 164-5°); 2,3,4-triphenylbutyrolactone. Treatment of I and II with 97.7% H_2SO_4 gave predominantly sulfonated an isomer of products of lower concentration. A. Ivan Predniikow

1 4

IVANOV, Ch.; MLADENOVA-C.LI[illegible], L.

Dehydration of 1,3-diphenyl-2-arylmethyl-2-oxyglutaric acids with concentrated sulfuric acid. Doklady BAN 16 no.7: 721-724 '63.

1. Vorgelegt von Akademiemitglied D. Ivanoff [Ivanov, D.]; Chlen Redaktsionnoy kollegii, "Doklady Bolgarskoy Akademii nauk".

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810019-3"

L 34509-66 EWP(j) RM

ACC NR: AP6024750 SOURCE CODE: BU/0011/65/018/010/0943/0946

AUTHOR: Ivanov, Ch.; Mladenova-Orlinova, L.

ORG: Department of Organic Chemistry, Institute for Chemical Technology, Sofia

TITLE: Oxidation of 2-phenyl-3-benzylindone and of 4-phenyl-3-oxy-1,2-benzfluorenone

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 10, 1965, 943-946

TOPIC TAGS: dehydration, isomerization, phenyl compound, oxidation

ABSTRACT: The authors established earlier (DAN, SSSR, 159, 1964, 131) that one obtains two isomeric 4-phenyl-3-oxydibenzfluorenone A and B and a single 2-phenyl-3-benzylbenzidone C during the dehydration of 1,3-diphenyl-2-(2'-naphtyl)-2-oxyglutaric acid. The present investigation aims at the clarification of the behavior during oxidation of the 3-benzyl substituted indones and of the 3-oxybenzfluorenone. To test the possibility that the products of such an oxidation could contribute to the clarification of the structure of analogously constructed compounds, the authors used as models certain easily accessible analogs with known structure, i.e., the 2-phenyl-3-benzfluorenone (D. Dalev, J. Pharmacy and Pharmacol., 1, 1949, 401) and 4-phenyl-3-oxy-1,2-benzfluorenone (Ch. Ivanov, Compt. rend. Acad. bulg. Sci., 7, 1954, 29). The article gives experimental details and theoretical interpretation of the oxidation by means of potassium permanganate of the two above mentioned compounds. This paper was presented by Academician D. Ivanov on 12 July 1965. [Orig. art. in German.] [JPRS: 34,805]

SUB CODE: 07 / SUBM DATE: none / ORIG REF: 004 / SOV REF: 002

OTH REF: 004

Card 1/1

L 43863-66 EWP(j) JW/RM

ACC NR: AP6032571 SOURCE CODE: BU/0011/65/018/012/1119/1122

36

AUTHOR: Ivanov, Ch.; Mladenova-Orlinova, L.

ORG: Department of Organic Chemistry, Chemical Technological Institute, Sofia

TITLE: Reduction of 4-phenyl-3-hydroxy-1,2-benz- and dibenzfluorenone 7 B

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 12, 1965, 1119-1122

TOPIC TAGS: fluorinated organic compound, chemical reduction, dehydration, isomer, reaction mechanism

ABSTRACT: The author showed in earlier papers that 1) the dehydration of the 1,3-dephenyl-2-(2'-naphthyl)-2-hydroxyglutaric acid with concentrated sulfuric acid generates the isomers A and B of the 4-phenyl-3-hydroxydibenzfluorenone (DAN SSSR, 159, 1964, 131) and 2) the A and B isomers are the 4-phenyl-3-hydroxy-1,2,6,7-dibenzfluorenone and the 4-phenyl-3-hydroxy-1,2,7,8-dibenzfluorenone, respectively. The present article describes in details a further reduction of these compounds converting the carbonyl group of the five-atom ring into a methylene group while preserving the phenol group at the position 3. The reduction leads alternately to the respective hydroxydibenzfluorenes. This paper was presented by Academician D. Ivanoff on 12 July 1965. Orig. art. has: 2 figures. [Orig. art. in German] [JPRS: 36,444]

SUB CODE: 07 / SUBM DATE: none / ORIG REF: 002 / SOV REF: 003

OTH REF: 005

Card 1/1 egb

EWT(1) RM SOURCE CODE: BU/011/65/018/011/1003/1006

ACC NR: AP6035624

IVANOV, Ch., MLADENOVA-ORLINOVA, L., Department of Organic Chemistry, Institute of Chemical Technology, Sofia [Original-language version not given]

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B

"Structure of the 2-Phenyl-3-Benzylbenzindone and the 4-Phenyl-3-Hydroxydibenzfluorenone Isomer Compounds Obtained During Dehydration of 1,3-Diphenyl-2-(2'-naphthyl)-2-Hydroxyglutaric Acid"

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 18, No 11, 1965, pp 1003-1006

Abstract: (German article) The authors proved in an earlier communication (DAN SSSR, 159, 1964, 131) that 4-phenyl-3-hydroxydibenzfluorenone A and B and 2-phenyl-3-benzylbenzindone C are obtained during dehydration of 1,3-diphenyl-2-(2'-naphthyl)-2-hydroxyglutaric acid with concentrated sulfuric acid. The present paper 1) presents the structure of these three compounds; 2) discusses the steps leading to the establishment of the respective structural formulas; and 3) describes the experimental procedures and techniques used during the investigation. This paper was presented by D. Iwanoff on 12 July 1965. Orig. art. has: 2 figures. [JPRS: 36,002]

TOPIC TAGS: dehydration, fluorinated organic compound, isomer, benzene derivative

SUB CODE: 07 / DATE SUBM: 12 Jul 65 / ORIG REF: 001 / OTH REF: 001
SOV REF: 003

Card 1/1 pb

0922 0024

MLADENOVIC, Borislav, inz.

The magnetite deposits of Lipovac. Rudar glasnik no.3:52-56 '62.

1. Rudnici i industrija samota, Arandelovac.

MLADENOVIC, Dragomir
MLADENOVIC, Dragomir

Diagnosis of the ectopic pregnancy. Med. glasn. 8 no.3-4:132-133 Mar-Apr 54.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta u Beogradu (upravnik prof. dr. S.Tasovac)
(PREGNANCY, ECTOPIC, diag.)

ROTOVIC, Aleksandar, prof. dr.; MLADENOVIC, Dragomir, dr.

Ultraviolet therapy of aspecific adnexitis. Med. glasn. 8 no.10: 360-364 Oct 54.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta u Beogradu (upravnik prof. dr. S.Tasovac) 2. Institut za fizikalnu terapiju Medicinskog fakulteta u Beogradu (upravnik prof. dr. A.Rotovic)

(ADNEXITIS, ther.
ultraviolet rays)
(ULTRAVIOLET RAYS, ther. use
adnexitis)

KOSTIC, Petar, doc.dr; MLADENOVIC, Dragomir, asist.dr.

Puncture of Douglas' cul-de-cas as a diagnostic method of actopic pregnancy. Srpski arh.celok.lek. 77 no.12:1535-1545 Dec.54.

1. Ginekolosko-akuserska klinia Medicinskog fakulteta u Beogradu Upravnik: prof. dr Sinisa Tasovac.

(PREGNANCY, ECTOPIC, diagnosis
puncture of Douglas' pouch)
(DOUGLAS'POUCH,
puncture in ectopic pregn.)
(PUNCTURES,
Douglas' pouch, in diag. of ectopic pregn.)

MIRJANIĆ, Nikola, doc. dr.; MLADENOVIĆ, Dragomir, asist. dr.; LIKAR, Mira, dr.

Two cases of atonic hemorrhage. Srp arhiv lekar 82 no.4:533-538 Ap '54. (EEAL 3:7)

1. Ginekolosko-akuserska klinika Midicinskog fakulteta u Beogradu. Upravnik: prof. dr. Sinisa Tasovac. (Rad je Uredništvo primilo 16 IX 1953 god.)

(PUERPERIUM, hemorrh.) (HEMORRHAGE
puerperal)

MLADENOVIC, Dragomir, Dr.; ZIVANOVIC, Nata, Dr.

Two cases of uterine tamponade in partial placenta praevia. Med. glasn. 9 no.6:238-240 June '55.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta u Beogradu (upravnik prof. dr Tasovac) Ginekolosko-akuserska odeljenje Bolnice u Sapcu (upravnik dr Novakovic).
(PLACENTA PRAEVIA,
partial, with uterus temponade)

KOSTIC, M.; MLADENOVIC, D.

Blood picture and erythrocyte sedimentation in diagnosis of ectopic pregnancy. Srpski arh. celok. lek. 83 no.4:452-465 Apr 55.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta u Beogradu. Upravnik: Sinisa Tasovac.

(PREGNANCY, ECTOPIC, diag.
blood sedimentation (Ser))
(BLOOD SEDIMENTATION, in pregn.
in diag. of ectopic pregn. (Ser))

MLADENOVIC, Dragomir; SULOVIC, Vojin; GRUBAC, Milena

Atonic hemorrhage during and after labor. Srpski arh. celok. lek. 83 no.9:937-946 Sept 55.

1. Akusersko-ginekoloska klinika Medicinskog fakulteta u Beogradu. Upravnik: Sinisa Tasovac.

(LABOR, hemorrh.
etiol. & ther. (Ser))
(HEMORRHAGE, in pregn.
in labor, etiol. & ther. (Ser))

KOSTIC, Petar; MLADENOVIC, Dragomir; CEMERIKIC, Mihajlo

Errors and difficulties in diagnosis of chorionic epithelioma; various case reports. Srpski arh. celok. lek. 84 no.3:349-361 March 56.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta u Beogradu. Upravnik: Sinisa Tasovac.

(CHORIOCARCINOMA, case reports
uterus, (Ser))
(UTERUS, neoplasms,
choriocarcinoma, case reports (Ser))

MIRJANIC, Nikola; MLADENOVIC, Dragomir; GRCIC, Radivoj; KOSTIC, Pavle

Largactil in postoperative care. Srpski arh. celok. lek. 84 no.4: 501-510 Apr 56.

1. Ginekoloske-akuserska klinika Med. Fak. u Beogradu. Upravnik: Sinisa Tasovac.

(CHLORPROMAZINE, ther. use
postop. care in surg. for gynecol. dis.)
(POSTOPERATIVE CARE, in various dis.
chlorpromazine in surg. for gynecol. dis. (Ser))
(GYNECOLOGICAL DISEASES, surg.
postop. care with chlorpromazine (Ser))

MLADENOVIC, Dragomir; SULOVIC, Vojin; JOVANOVIC, Dusan

Delivery in old and young primipara. Srpski arh. celok. lek. 85 no.5: 588-595 Mar 57.

1. Ginekolosko-akuserska klinika Medicinskog Medicinskog fakulteta u Beogradu. Upravnik: Sinisa Tasovac.

(DELIVERY,
in old & young primipara (Ser))

KOSTIC, Petar; MLADENOVIC, Dragomir; PRICA, Radeta

Hysterectomy following cesarean section. Srpski arh. celok. lek. 87 no.9:245-253 S '59.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta u Beogradu, upravnik: prof. dr Sinisa Tasovac.
(CESAREAN SECTION)
(HYSTERECTOMY)

MLADENOVIC, Dragomir, doc., dr.; CEMERIKIC, Mihailo, dr.

Diagnostic difficulties in encocervical carcinoma of the uterine neck. Med. glasn. 14 no.12:553-555 D '60.

1. Ginekolosko-akuserska bolnica grada Beograda (Upravnik: prof. dr P. Kostic).

(CERVIC NEOPLASMS diag)

MLADENOVIC, Dragomir; POPOVIC, Dana; MAKSIMOVIC, Zoran

Contribution to surgical technics in the treatment of uterine prolapse with pressure erosions. Srpski arh. celok. lek. 88 no.10: 965-968 O '60.

1. Ginekolosko-akuserska bolnica u Beogradu. Upravnik: prof. dr Petar Kostic. 2. Clan Uredivackog odbora, "Srpski arhiv za celokupno lekarstvo" (for Mladenovic).

(UTERINE PROLAPSE surg)

MLADENOVIC, Dragomir, doc., dr.; LEPOSAVIC, Mihajlo, dr.; TASIC, Vasilije, dr.

Pelvo-peritonitis in gynecology. Med. glasn. 15 no.5:234-235 My '61.

1. Ginekolosko-akuserska bolnica grada Beograda (Upravnik: prof. dr P. Kostic).

(PERITONITIS surg)

MLADENOVIC, Dragomir; CEMERIKIC, Mihailo; MILOJEVIC, Slavoljub

Pulmonary tuberculosis and pregnancy. Srpski arh. celok. lek. 89 no.5:611-617 My '61.

1. Ginekolosko-akuserska bolnica u Beogradu. Upravnik: prof. dr Petar Kostic.

(TUBERCULOSIS PULMONARY in pregn)
(PREGNANCY compl)

KOSTIC, Petar; MLADENOVIC, Dragomir; CEMERIKIC, Mihailo; ZIVANOVIC, Zeljko

Role of exploratory curettage in the diagnosis of extrauterine pregnancy. Srpski arh. celok. lek. 89 no.6:667-673 Jl '61.

1. Ginekolosko-akuserska bolnica u Beogradu. Upravnik: prof. dr Petar Kostic.

(DIAGNOSIS ECTOPIC diag)

MLADENOVIC, Dragomir; LAZAREVIC-PALMAR, Sonja; DEVECERSKI, Dragoslav

Cervico-vaginal fistulae. Srpski arh. celok. lek. 89 no.9:977-980 S '61.

1. Ginekolosko-akuserska bolnica u Beogradu. Upravnik: prof. dr Petar Kostic. 2. Clan Uredivackog odbora, "Srpski arhiv za celokupno lekarstvo" (for Mladenovic).

(VAGINAL FISTULA) (CERVIC UTERI dis)

KIS, Oskar; MLADENOVIC, Dragomir; CEMERIKIC, Mihailo

Pregnancy and spontaneous labor following surgical therapy of congenital gynatresia. Srpski arh. celok. lek. 90 no.1:73-77 Ja '62.

1. Ginekolosko-akuserska bolnica u Beogradu Upravnik: prof. dr Petar Kostic. Ginekolosko-akuserska odeljenje Opste bolnice "Mosa Pijade" u Leskovcu Nacelnik: dr Oskar Kis.

(PREGNANCY) (GENITALIA FEMALE abnorm)

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

MLADENOVIC, Dragomir; KOKIC, Olga; NIKOLIC, Konstantin

Our experience with the interruption of pregnancy by the vaginal approach with the method of Fuchs. Srpski arh. celok. lek. 90 no.9:847-850 S '62.

1. Ginekolosko-akuserska bolnica u Beogradu Upravnik: prof. dr. Petar Kostic.
(PREGNANCY THERAPEUTIC)

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MLADENOVIC, Dragomir; SIMIC, Branislav

Diagnostic value of detection of Koch's bacillus in the menstrual blood. Tuberkuloza 15 no.3:386-380 Jl-D'63.

1. Ginekolosko-akuserska bolnica grada Beograda, (upravnik: prof.dr.Petar Kostic) i Specijalna decja bolnica za tuberkulozu i bolesti pluca "Dedinje" (upravnik: dr. Jovan Djordjevic).

S

YUGOSLAVIA

MLADENOVIC, Dragomir; [illegible], Mihailo; and [illegible], Zora; City Hospital for Obstetrics and Gynecologic Diseases (Ginekolosko-akuserska bolnica grada); Head (Upravnik) Prof Dr Petar KOSTIC, Belgrade.

"Pregnancy and Spontaneous Parturition Following Closure of Cervico-Vaginal Fistula."

Belgrade, Srpski Arhiv za Tsulokupno Lekarstvo, Vol 91, No 4, Apr 63; pp 419-420.

Abstract [German summary modified]: Case report: surgical excision of large epithelized fistula was followed by normal pregnancy and smooth parturition by 24-year-old woman.

1/1

MLADENOVIC, Dragoslav, doc. dr.

Retention of the cervix uteri. Med. glas. 18 [illegible]

1. Ginekolosko-akuserska klinika Medicinskog fak. [illegible]
(Upravnik: prof. dr. B. Milosevic).

MLADENOVIC, Dragomir

Delivery after perforation of the uterus and injuries of the small intestine. Srpski arh. celok. lek. 93 r .3:3.4-321 Mr ' 65.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta Univerziteta u Beogradu (Upravnik: prof. dr. Vasilijka Milosevic.

YUGOSLAVIA

MIRKOVIC, Aleksandar; MLADENOVIC, Dragomir and AVRAMOVIC, Dusan; Clinic of Obstetrics and Gynecology of Medical College (Ginekolosko-akuserska klinika Medicinskog fakulteta,) Head (Upravnik) Prof Dr Bosiljka MILOSEVIC, Belgrade.

"Torsion of the Uterine Adnexa.

Belgrade, Srpski Arkhiv za Tselokupno Lekarstvo, Vol 93, No 3, Mar 65; pp 277-282.

Abstract [French summary modified] : Of 4685 laparotomies done in 58 months 1960-1964, 54 were with the indication of adnexal torsion; frequency has been increasing regularly every year from 0.9 in 1960 to 1.7% in 1964. Except for ectopic pregnancy, adnexal torsion is now the most frequent ob-gyn emergency surgical procedure. Five tables; 3 Yugoslav and 5 Western references. Ms rec 6 Jan 65.

1/1

YUGOSLAVIA

MLADENOVIC, Dragomir; Clinic of Obstetrics and Gynecology of Medical College (Ginekolosko-akuserska klinika Medicinskog fakulteta,) Head (Upravnik) Prof Dr Bosiljka MILOSEVIC, Belgrade.

"Parturition After Uterine Perforation and Lesion of Small Intestine.

Belgrade, Srpski Arkhiv za Tselokupno Lekarstvo, Vol 93, No 3, Mar 65; pp 319-321.

Abstract [German summary modified] : Severe postabortal sepsis with uterine perforation and vaginal prolapse of sizable piece of small intestine, 256 cm of which had to be resected, did not prevent normal term parturition 18 months after incident. Three Yugoslav, 2 Western references; manuscript received 25 December 1964.

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1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

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New resin acid from Manila elemi resin. I. M. Mladenović and H. Lux (Monatsh., 1931, 58, 69—72).—Fractional crystallisation of elemic acid from EtOH affords the less sol. *γ-elemic acid*, $C_{20}H_{30}O_2$, m. p. 281°, $[\alpha]_D^{20}$ +68·76° in MeOH (*K* salt +$2H_2O$; *Ac* derivative, m. p. 180°, $[\alpha]_D^{20}$ +58·17° in EtOH), which contains one OH and one CO_2H group, does not add Br, and is differentiated from the α-acid by its ready solubility in most org. solvents except MeOH and EtOH. J. W. Baker.

COMMON ELEMENTS

MATERIALS INDEX

OPEN

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

Elemic acid from Manila elemi resin. II. H. LEBE, M. MLADENOVIĆ, and (in part) F. GERTEKER and M. SOKOTKA (Monatsh., 1951, 82, 59—68).—Reduction of elemic acid, m. p. 221°, with H_2 and Pd in AcOH at 960 mm. gives dihydroelemic acid, $C_{20}H_{36}O_2$, m. p. 236°, $[\alpha]_D^{20}$ −12·86° in $CHCl_3$ (not $C_{21}H_{40}O_2$; cf. A., 1952, 412). Other derivatives also confirm the C_{20} constitution. Thus O_3 gives a *diozonide*, decomp. 199°, $[\alpha]_D^{20}$ −30·17° in EtOH, whilst with Ac_2O and pyridine, elemic acid affords an *Ac* derivative $C_{20}H_{40}O_4$, m. p. 225° $[\alpha]_D^{20}$ −40·06° in $CHCl_3$. Anhyd. HBr in Et_2O converts elemic acid into *bromohydroelemic acid*, $C_{20}H_{40}O_2Br$, m. p. 224°, whilst Br in Et_2O affords *dibromoelemic acid*, m. p. 207°, $[\alpha]_D^{20}$ −17·14° in $CHCl_3$, converted by KOH in MeOH into *bromoelemic acid*, $C_{20}H_{41}O_2Br$, m. p. 285°. Since analysis of elemic acid itself even after repeated crystallisation corresponds with the C_{21} formula, it must be contaminated with another acid of lower C content which can be removed only by conversion into derivatives (cf. following abstract).

J. W. BAKER.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

Acids of elemi resin. MILOŠ MLADENOVIĆ *Bull soc chim roy Yougoslav* 3, 5-10(in German 10-11)(1932); cf C A 26, 1936, 2463. The acids of elemi resin were isolated by steam distn and different solvents, they constitute 6-18% of the resin. The method of extn has no influence on the proportion of acids obtained. M does not agree with Tschirch's classification of these acids, as β-elemic acid was found to be a mixt of α- and γ-elemic acids and amyrin. J. G. Farris

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

CA

10

Further investigations of the α elemolic and elemonic acids Hans Leb and Milos Mladenovic Helv. Chim. Acta Fougeriae 3, 195-212 (in German 213-15) (1942). cf. C. A. 37, 301. Pure α elemolic acid, m. 221°, was prepd. by (1) alk. saponif. of the Ac deriv., (2) HBr elimination from the bromohydro-α-elemolic acid (I). Deriv. prepd. are acetyl-α-elemolic acid from the HBr decomposition product of I, dihydroelemolic acid from both products, bromo-α-elemolic acid from the dibromide. I m. 228° while earlier reports gave 224°, [α] −15.6° in acetone and −13.0° in alc. Dibromoelemolic acid from the Ac deriv. of the elemolic acid can easily be prepd. in cryst. condition with a m. p. of 235°, [α] 8.16° to 6.02°. Oxime, m. 230.7° and corresponds to the formula $C_{15}H_{25}O_3N$. The oxime of the hydrated elemonic acid m. 241° has [α] −120.1°, the oxime of the oxidized dihydroelemolic acid m. 240°, [α] −6.2°. The presence of an isomer here is suggested. All results support the C_{15}-formula. J. G. Lipton

BC

Oxidation product of α-elemolic acid. M. MLADENOVIĆ (Bull. Soc. Chim. Yougoslav., 1933, 4, 31—36).—α-Elemolic acid yields on oxidation (CrO_3 in AcOH) α-and β-elemonic acids; the latter, which is an unsaturated keto-acid, is identical with Ruzička's δ-elemonic acid (A., 1932, 750), and was probably present in the original resin. R. T.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

PROCESSES AND PROPERTIES INDEX

a-13

Methyl ether and bromine derivatives of α-elemonic and β-elemonic acids. H. LIEB and M. MEASMUVIC (with A. RATEK and M. SOBOTKA) (Bull. Soc. Chim. Yougslav., 1937, 4, 85—96).—α-Elemonic acid (I) or its Ac derivative on heating during 5—6 hr. with 4% H_2SO_4 in MeOH yields the *Me ether* (II) of (I), m.p. 242° (*Ac* derivative, m.p. 224°); the reaction consists in addition of MeOH to the ethylenic linking of (I), as is shown by the non-addition of Br or HBr to (II). The *Me ether* of α-elemonic acid (III), m.p. 280—281° (oxime, m.p. 243°), is prepared analogously to (II) from (III), or by oxidising (II) with CrO_3 in AcOH. The Br_2-derivative (IV), m.p. 286°, of (III) is prepared directly from Br and (III), or by oxidising the Br_2-derivative of (I), and the *Br*-derivative (V), m.p. 278°, of (III) by oxidising the Br-derivative (VI) of (I), or from (IV) and KOMe. The presence of OH in (VI) is demonstrated by preparing its *Ac* derivative, m.p. 260°. (VI) and (V) with Pd-H_2 yield, respectively, dihydro-derivatives of (I) and (III). R. T.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND COVERS

PROCESSES AND PROPERTIES INDEX

Ca

Catalytic hydrogenation of organic halogen derivatives

Miloš Mladenović *Bull soc chim roy Yougoslav* 4, 187-95(in German 195-6) 1933. Hydrogenation by means of PdCl$_2$ was carried out by M with the unsatd Br derivs of the cinnamic and cinnamic acids and satd Br free products were obtained Satd halogen derivs could not be isolated Paal's statement that these compds show high resistance against catalytic hydrogenation has been confirmed Pd C has also been used as a catalyst for the hydrogenation of some aromatic substances in alk without addn of H-halogen-binding agent The stability of the H derivs diminishes with increasing at wt The position of the halogen in the mol exerts no influence upon the velocity of the reaction In alk medium the hydrogenation takes place more rapidly than in neutral soln J. G. Tolpin

COMMON ELEMENTS

OTHER MATERIALS INDEX

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

BC

A-3

Oxidation product of γ-elemic acid, and its oxime. M. MLADENOVIĆ (Bull. Soc. Chim. Yougoslav., 1934, 5, 57—62).—γ-Elemic acid and CrO_3 in AcOH at 60° yield γ-elemonic acid, $C_{30}H_{48}O_3$, m.p. 295° (oxime, m.p. 273°). R. T.

1ST AND 2ND CODES

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH CODES

BC

B-II-2

Essential oils of gum elemi. M. MLADENOVIĆ (Bull. Soc. Chim. Yougoslav., 1934, 5, 143—149).—A substance, $C_{10}H_{16}O_2$ (probably dihydroxyphellandrene), m.p. 166°, $[\alpha]_D^{20}$ +10·39° in EtOH, has been isolated from the essential oils of Manila gum elemi. R. T.

CHEM. ELEMENTS

MATERIALS INDEX

ASM SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

BC

Dihydroelemolic acid. M. MLADENOVIC (Bull. Soc. Chim. Yougoslav., 1937, 8, 160—174).—The author's contention that the sole product of catalytic hydrogenation of pure elemic acid (I) is dihydroelemolic acid (II), m.p. 238° (A., 1931, 960; 1932, 397), and not a mixture of products, as asserted by Ruzicka (A., 1931, 1067), is confirmed by repetition of previous work; Ruzicka's objections (A., 1933, 60) are thus refuted. Impure (I) yields, apart from (II), only tetrahydro-β-elemonic acid, whereas Ruzicka reported formation of two other acids, in addition to the three dihydroelemolic acids obtained from pure (I).

R. T

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

MLADENOVIC, Milos

A study of Manila elemi resin. Milos Mladenovic. *Bull. soc. chim. roy. Yougoslav.* 8, 175-82(1937); cf. C. A. 31, 6016; 32, 1701; Tschirch, *Arch. Pharm.* 240, 263(1902). Extn. of elemi resin with 90% alc. and distn. of the ext. with steam yielded elemi oil (24%); the residue was extd. with CCl_4 and 1% KOH yielding elemi acid (... 15%), from the CCl_4 soln. a glycol (brein), m. 200°, appears on prolonged standing; after the CCl_4 was distd. off and the residue extd. with AcMe a mixt. of amyrin and brein was obtained. The remaining amorphous substance also contained amyrin. The total content of amyrin and brein is 42%. The resinol type of elemi resin is revealed by this method of analysis requiring no extensive heating.

J. G. Tolpin

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

CA

Isolation and properties of the elemic acids. Kreshimir Balenovic and Milosh Mladenovic. *Bull. soc. chim. Belgrade* 11, No. 3/4, 81-90(1940 for Pub. 1947) (in Serbian) (German summary). The Na and K salts of the elemic acids are readily salted out of aq. soln. They are sol. in benzene, phenanthrene, cholesterol, and fatty acids. The 2,4-dinitrophenylhydrazone of α-elemic acid was prepd. and analyzed. M. L. Nielsen

CHEMICAL ELEMENTS

OPEN

MATERIALS INDEX

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

CA

10

The double bonds in elemic acids. Milosh Mladenovic and Kreshimir Balenović. *Glasnik Khem. Drushtva Beograd* (Bull. soc. chim. Belgrade) 12, 38-50 (1947) (German summary). Ozonization of α-elemic acid, m. 281°, in $CHCl_3$ yielded a product, $C_{15}H_{24}O_5$, m. 80° (decompn.); ozonization of dihydro-α-elemic acid, m. 290°, gave $C_{15}H_{26}O_5$; the Me ester of α-elemic acid gave $C_{16}H_{26}O_5$. The γ-elemic acid remained unchanged under the action of O_3. In catalytic hydrogenation of the ozonized α-acid on Pt, one ozonized double bond is split about 1.5 times faster than the other; it indicates one active and one latent double bond in the α-acid. Chromatographic sepn. of the 2,4-dinitrophenylhydrazones of the catalytically hydrogenated ozonides of the α-acid, dihydro-α-acid, β-acid, and dihydro-β-acid shows that the mols. are not split, and the double bonds are probably located in the ring. Cleavage of the ozonide of acetyl-α-elemic acid with CrO_3 and treatment of the product with Ac_2O yielded a cryst. product, $C_{16}H_{24}O_6$, m. 265°; 2,4-dinitrophenylhydrazone, m. 280° (decompn.); the product is considered to be a pyroketone (I), of acetyl-α-elemic acid

$$AcO(C_{10}H_{17})\left\{\begin{array}{l} >CO \\ >CO \\ -CO_2H \end{array}\right. \quad (I)$$

Attempts to decarboxylate the α-acid and the dihydro-α-acid were unsuccessful. N. Thon

ASM SLA METALLURGICAL LITERATURE CLASSIFICATION

Mladenović, Miloš: Farmaceutska hemija I. Neorganski deo. Belgrade: M. Mladenović. 1948. 270 pp.

MLADENOVIC, M.

YUGO.

The acids from mastix. M. Mladenović. *Acta Pharm. Jugoslav.* 3, 1-4(1953)(German summary).—Prepn. and properties of an acid obtained from mastix are described. The analytical results and mol. wt. detn. indicate an empirical formula $C_{30}H_{48}O_4$. The acid is classified as a triterpene. V. Mihajlov

MLADENOVIC, M.

SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: [not given]

Affiliation: [not given]

Source: Belgrade, Arhiv za Farmaciju, Nr 5, 1960, pp 257-293.

Data: "Chemistry of Antibiotics."

MLADENOVIC, M.

YUGOSLAVIA/Organic Chemistry. Naturally Occurring Substances and Their Synthetic Analogs. H-3

Abs Jour: Referat Zhur-Khimiya, No 4, 1958, 11421.

Author : Mladenovic, M. and Dugandzic, M. A.
Inst :
Title : The Products of the Reduction of Elemenic Acids by Lithium Aluminum Hydride.

Orig Pub: Acta Pharm. Jugoslav, 7, No 1, 13-17 (1957) (in Serbo-Croat with summaries in German and English)

Abstract: The reduction of elemadienolic acid (I) by $LiAlH_4$ in ether solution (reflux 8-10 hrs) leads to the formation of elemadiendiol (II), yield 80%, mp 162° (after chromatography on Al_2O_3 in C_6H_6 and elution with a 1 : 1 mixture of benzene-chloroform), $[\alpha]_D^{18}$ -40° (from I; alcohol). The Liebermann-Burchard [Tr: spell-

Card : 1/2

MLADENOVIC, M.

Distr: 4E2c(j)

Contribution to the knowledge of amyrin. M. Mladenović and O. M. Stefanović (Fac. Farm., Beograd, ~~Yugoslavia~~). *Acta Pharm. Jugoslav.* 8, 11-15(1958).—Benzoylation of amyrin gave α-amyrin benzoate, m. 228°, higher than that cited. By means of fractional crystn. and mech. sepn. of crystals of α- and β-amyrin benzoate, α-amyrin benzoate, m. 228°, was relatively easily sepd. from β-amyrin benzoate, m. 194°. The following derivs. of α-amyrin were prepd.: acetyl-α-amyrin, m. 235°; α-amyrone, m. 185° (oxime, m. 254°). The m.ps. of these derivs. differ also from those stated in the literature. T. Bićan-Fišter

CC 1/1

3 MAY

[illegible] Given Names

[illegible] Yugoslavia

[illegible] None given

[illegible] None given

[illegible] Galenika, Belgrade, Vol 7, No 5, 1961, pp [illegible]

[illegible] "The Chemistry of Antibiotics"

MLADENOVIC, Milos; STEFANOVIC, Olga

Nitric substances of Helleborus. Glas Hem dr 28 no.3/4:157-161 '63

Carbohydrates of the indigenous species of Helleborus. Glas Hem dr 28 no.3/4:163-165 '63

1. Pharmaceutical Faculty, Institute of Pharmaceutical Chemistry, Belgrade, and Faculty of Medicine, Institute of Medical Chemistry, Novi Sad.

YUGOSLAVIA

MLADENOVIC, M. [Affiliation not given.]

"Vitamins."

Belgrade, Arhiv za farmaciju, Vol 12, No 6, 1963; pp 421-431.

Abstract : Comprehensive discussion of the chemistry and chemical [illegible] of essentially all of the known vitamins and many related chemical compounds such as thioctic acid, essential fatty acids. Detailed review of laboratory and industrial synthetic and manufacturing procedures and analytical techniques. Ten Western references.

1/1

NESKOVIC, M.V.; ZIVKOVIC, R.; CORBIC, M.O.; BOJANOVIC, J.J.; MLADENOVIC STOJIMIROVIC, Z.T.

Metabolic relations of proteins, lipids and glucides. IV. The effect of the intravenous injection of glucose on the fatty acids of the blood plasma in dogs during alimentary hyperlipemia produced after fasting. Acta med. iugosl. 16 no.2:213-221 '62

1. Biokemijski institut i Hemijski institut Medicinskog fakulteta u Beogradu.

(GLUCOSE) (BLOOD LIPIDS) (FATTY ACIDS) (FASTING)

MLADENOVIC, Milovan, ing. (Beograd, Karadordeva 48)

Application of geophysical methods in the exploration of coal deposits in Yugoslavia. Tehnika Jug 16 no.11:1953-1961 '61.

1. Chief of the Coal Department of the Institute for Geological and Geophysical Exploration "Jovan Zujovic", Beograd.

MLADENOVIC, M S

MLADENOVIC, Milorad S.

Chemical Abst.
Vol. 48 No. 6
Mar. 25, 1954
Nuclear Phenomena

Long-lens β-ray spectrometer [illegible] (Inst. Nuclear Sci. "Boris Kidrich," Belgrade, Yugoslavia). *Bull. Inst. Nuclear Sci. "Boris Kidrich"* (Belgrade) 3, No. 39, 69-73(1953); cf. *C A.* 45, 467*h*, Glaser, *Z. Physik.* 116, 19(1940).—A description is given of an Fe-free long-lens β-ray spectrometer strengthened at the edges and an electron gun with 2 hemispherical electrodes, which was used for the adjustment of the spectrometer. For a source of 2 mm. diam. and a solid angle of 1.4% of 4π, the resolving power of the spectrometer is 0.46%. The lens consists of 4 coils wound with Cu tubing, the outer coils contg. 12 layers of 28 turns and the inner coils 9 layers of 21 turns per layer. An electron gun was used for the precise detn. of fine focus dimensions. It consists of an indirectly heated [illegible] cathode of hemispherical form mounted concentrically [illegible] an anode made of fine mesh.

C. J. O'Brien

7-22 [illegible]

MLADENOVIC, M. S

General principles of thermonuclear reaction and its utilization. II.
p. 494.

ELEKTROPRIVREDA. (Zajedica jugoslovenske elektroprivrede) Beograd,
Yugoslavia. Vol. 12, no. 10, Oct. 1959.

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

Uncl.

STEPIC, Rista; MLADENOVIC, Milorad S.

The inclined source in the permanent magnet spectrometer. Bul Inst Nucl 10:175-176 Mr '60. (EEAI 10:5)
(Spectrometer)

YUGOSLAVIA

V. MILJKOVIC, N. MILJKOVIC, P. [illegible], [illegible], [illegible], [illegible], [illegible], D. NIKODIJEVIC, V. [illegible] and [illegible] DAVIDOVIC, Clinic for Reproduction Sterility and Artificial Insemination of Veterinary Faculty (Klinika za porodiljstvo, sterilitet i veštačko osemenjavanje Veterinarskog fakulteta) Belgrade.

"Ten Years of Artificial Insemination of Cattle in Serbia.

Belgrade, Veterinarska [illegible], [illegible], No [illegible], 1961; pp 31[illegible]-422.

Abstract (German summary [illegible]) Gratified review of excellent results achieved with artificial insemination in Serbian and Yugoslav cattle. In Yugoslavia in 1961, 7[illegible],[illegible] cows were inseminated by 008 bulls from 42 artificial insemination centers. Detailed statistical data by 7 breeds; 13 Serbian centers; many technical details and comments. One urgent need now is for a specialized national scientific journal dealing with bovine sterility and artificial insemination. Eighteen Yugoslav references.

1/1

MLADENOVIC, Olga, dipl. fiz., asistent (Beograd, Niska 8/III)

Wear and tear tested with radioactive isotopes. Tehnika Jug 17 no.8:Suppl.: Radioizotopi zrac 1 no.8:1452-1459 Ag '62.

1. Institut za nuklearne nauke "Boris Kidric", Beograd-Vinca.

MLADENOVIC, O.

School for the Training of Cadres in Handling Radioactive Materials of the Boris Kidric Institute of Nuclear Sciences, Vinca; abstract. Glas Hem dr 27 no.9/10:484 '64

1. The Boris Kidric Institute of Nuclear Sciences, School for the Training fo Cadres in Handling the Radioactive Material, Belgrade-Vinca.

KEKIC, Halil; MLADENOVIC, Olivera; PAVLOVIC, Vojislav

Central and surface temperature of students while studying and during examinations. God Biol Inst Sar 15 no.2/2:3-[illegible] '62

1. Prirodno-matematicki fakultet Univerziteta, Sarajevo.

PAVLOVIC, Vojislav; MLADENOVIC, Olivera; ZEEVI, [illegible]; [illegible]

Sedimentation and number of erythrocytes, and concentration of hemoglobins in Salmo trutta m. fario L. and Thymallus thymallus L. from the area of the source of the Bosna River under seasonal and ecological conditions. Pt.2. Bull Inst Sar 15 no.1/2:55-[illegible] 1965

1. Prirodno-matematicki fakultet i Biološki institut Univerziteta, Sarajevo.

BUDISAVLJEVIC, M.; SIBER, D.; MLADENOVIC, R.; MARTINIS, U.

Our 1st case of intralobar pulmonary sequestration. Acta chir. Iugosl. 9 no.1:80-85 '61.

1. Institut za tuberkulozu NR Srbije (Director prof. dr Milic Grujic).
(LUNGS abnorm)

RASOVIC, Lj., doc., dr; BUDISAVLJEVIC, M., dr; MALENIC, S., dr; DUKIC, J., dr; MLADENOVIC, R., dr; MARTINIS, U., dr

Pleural decortication in the treatment of complications and sequelae of pneumothorax. Med. glas. 16 no.1:26-28 Ja '62.

1. Institut za TBC NR Srbije (Upravnik: prof. dr M. Grujic)

(PNEUMOTHORAX ARTIFICIAL compl)

STEFANOVIC, Dorde; MLADENOVIC, Slobodan; MILOVANOVIC, Aleksandar; STEFANOVIC, Milutin

Reactivity of bisamide condensation prodcuts. Glas Hem ir 28 no. 1: 31-36 '63.

1. Prirodno-matematicki fakultet, Hemijski institut, Beograd.

MISOVIC, Vukic M., MLADENOVIC, Djordjan, STEFANOVIC, Milorad

Reaction of tropinone with acetylene. Preparation of 1-ethyltropane-1-ol. [illegible]

MLADENOVIC, SRETEN.

Quantitative electrolytic generation of permanganate ions. Panta S. Tutundžić and Sreten Mladenović (Univ., Belgrade, Yugoslavia). *Anal. Chim. Acta* 12, 382-9 (1955)(in German).—A study of anodic potentials on Pt and electrolytic oxidation processes was used for the quant. formation of MnO_4^- ions from $MnSO_4$ in aq. H_2SO_4.
Norman E. Pickering

(1)

MLADENOVIC, SLETEN

Coulometric permanganometric determination of oxalate, ferrous and arsenious ions. Panta S. Tutundzic and Sleten Mladenović (Univ. Belgrade, Yugoslavia). *Anal. Chim. Acta* 12, 390-9(1955)(in German); cf. preceding abstr. Procedures based upon the electrolytic generation of MnO_4^- in aq. H_2SO_4 of $MnSO_4$ were used. The end point was detd. with ferroin. Norman E. Pickering

1

COUNTRY : YUGOSLAVIA
CATEGORY : Chemical Technology. Chemical Products and Their Applications. Electrochemical Industries

MLADENOVIC, Sreten N.

Coulometric titration of arsenous and ferrous ions. Glas Hem dr 25/26 no.1/2:119-123 '61.

1. Faculty of Technology, Institute of Physical Chemistry and Electrochemistry, Beograd.

(Volumetric analysis) (Arsenic) (Iron)

MLADENOVIC, TESIMIR

551.583(497.1)

5.3-280

Mladenović, Tešimir. Klima Zaječara. [The climate of Zaječar.] *Srpska Geografska Društvo, Glasnik*, 31 (1) 3-17, 1951. 8 figs., 11 tables. In Serbian; French summary p. 15-17. Legends for figs. in French. DLC.—A picture of climatic conditions prevailing at Zaječar (128 m) in E. Serbia, a rather narrow plain covered mostly with grainfields and some vineyards and woods on its elevated parts, is presented. Data showing extreme and mean ranges of monthly and annual temperature, atmospheric pressure, absolute humidity, frequency, direction and speed of prevailing winds, number of clear and overcast days, precipitation amounts, etc. are presented in tables and graphs. According to Körner's classification the climate of Zaječar can be defined as "Cfa"—moderately humid with a hot summer similar to the climate of Virginia. *Subject Headings:* 1. Climate of Zaječar 2. Climatic data 3. Zaječar, Yugoslavia.—*A.M.P.*

BURIJAN, Jovan; MLADENOVIC, Vlastimir; IVANKOVIC, Dragoslav

Five cases of syphilis of the joints. Srpski arh. celok. lek. 83 no.9:962-968 Sept 55.

1. II Interna klinika Medicinskog fakulteta u Beogradu. Upravnik: Djordje Brkic.

(SYPHILIS,
joints, diag. & ther. (Ser))
(JOINTS, dis.
syphilis, diag. & ther. (Ser))

STAMBOLOVIC, Blagoje; MLADENOVIC, Vlastimir

Neuralgia pelvis. Srpski arh. celok. lek. 84 no.7-8:884-889 July-Aug 56.

1. II Interna klinika Medicinskog fakulteta u Beogradu. Upravnik: prof. dr. Djordje Brkic. Poliklinika VI Doma narodnog zdravlja u Beogradu. Upravnik: dr. Katarina Guelmino.

(PELVIS, innervation,
pudendal neuralgia (Ser))

(NEURALGIA,
pudendal nerve (Ser))

VRCELJ, Stefanija; MLADENOVIC, Vlastimir.

On pyloric stenosis in the aged. Srpski arh. celok. lek. 88 no 6 637-645 Je '60.

1. Interna klinika A Medicinskog fakulteta Univerziteta u Beogradu. Upravnik: prof. dr Branislav Stanojevic.

(PYLORIC STENOSIS in old age)

[illegible]

MLADENOVIC, Z.; STOJANIC, S. and DAVICA, M.; Department of Parasitoses of Veterinary College (Institut za invazione bolesti Veterinarskog fakulteta,) Belgrade; and Veterinary Institute (Veterinarski zavod,) Zemun.

Protecting Chickens from Cecal Coccidiosis with Irradiated Oocysts.

[illegible], Veterinarski Glasnik, Vol 20, No 7, 1966; pp 527-530.

[illegible] English summary modified: Inoculation of 5 to 1000 oocysts of Eimeria tenella previously irradiated with 10M to 25M r, challenge with [illegible] normal oocysts: results inconclusive. Three tables; ms rec 23 May 66.

1/2

STOJIMIROVIC, Branislav; DANILOVIC, Vojislav; DJURISIC, Milutin; BOGDANOVIC, Miodrag; MLADENOVIC-STOJIMIROVIC, Zagorka; MEDJEDOVIC, Veljko

Chronic nephritis in the rural population of the valley of Morava. Srpski arh. celok. lek. 87 no.11:1027-1031 N '59.

1. Interna klinika B Medicinskog Fakulteta u Beogradu, Upravnik: prof. dr Radivoje Berovic; Mikrobioloski institut Medicinskog Fakulteta u Beogradu, Upravnik: prof. dr Milutin Djurisic.
(NEPHRITIS epidemiol.)

Surname (in caps); Given Names

Country: Yugoslavia

Academic Degrees: /not given/

Affiliation:

Source: Belgrade, Veterinarski glasnik, No 6, 1961, pp 505-510.

Data: "Contribution to the Treatment of Fasciolosis with Oral and Subcutaneous Application of Carbone Tetrachloride."

Authors:

BUGARSKI, V., /presumed affil. Veterinary Center (Veterinarski zavod), Zemun.
MLADENOVIC, Z., /presumed affil./ Veterinary Center, Zemun.
ZAKULA, S., /presumed affil./ Veterinary Center, Zemun.
SOKOLIC, A., /presumed affil./ Institute for Invasion Diseases of the Faculty of Veterinary Medicine) Institut za invazione bolesti Veterinarskog fakulteta) Belgrade.
NEVENIC, V., /presumed affil./ Institute for Invasion Diseases of the Faculty of Veterinary Medicine, Belgrade.

Surname (Initials); Given Names

Country: Yugoslavia

Academic Degrees: not given

Affiliation:

Source: Belgrade, Veterinarski glasnik, No 7, 1961, pp 587-592.

Data: "Hexaphen Efficiency in the Prevention of Fascioliasis and Gastro-Enteric Strongylosis in Sheep."

Authors:

MLADENOVIC, Z., Veterinary Center (Veterinarski zavod), Zemun
ZAKULA, S., affil. not given
BUGARSKI, V., affil. not given
NEVENIC, V., Institute for Invasion Diseases of the Faculty of Veterinary Medicine (Institut za invazione bolesti Veterinarskog fakulteta), Belgrade

NESKOVIC, Milutin V.; BOJANOVIC, Jelena J.; MLADENOVIC-STOIMIROVIC, Zagorka T.; STEFANOVIC, Ljubica S.; KULIC-JAKUNDZIC, Ivanka M.; ĆORBIC, Milanka O.; KOSTIC, Dusan M.

Metabolic relation of lipides, glycides and proteins. I. Changes of glycemia, nonesterified fatty acids and total proteins of blood plasma in the alimentary hyperlipemia of dogs, provoked after fasting. Glas Hem dr 25/26 no.5/7:345-354 '60/'61.

1. Medicinski fakultet, Biohemijski institut, Hemijski institut, Beograd.

NESKOVIC, M.V.; MLADENOVIC-STOJIMIROVIC, Z.T.; BOJANOVIC, J.J.; JEVTOVIC, J.J.; MILOSEVIC, P.P.; KULIC-JAPUNDZIC, I.; STEFANOVIC, Lj.S.

Metabolic relations of proteins, lipids and glucides. II. The effect of the intravenous injection of glucose on the fatty acids of the blood plasma in dogs during starvation. Acta med. iugosl. 16 no.2:201-202 '62.

1. Biohemijski institut i Hemijski institut Medicinskog fakulteta u Beogradu

(GLUCOSE) (BLOOD LIPIDS) (FATTY ACIDS) (STARVATION)

SALIKAHO, A.; [illegible]

[illegible]
Med. Pharm. [illegible]

1. Klinika za [illegible]
Skopje [illegible]

SADIKARIO, A.; PRILEPCANSKI, I.; MLADENOVSKI, B.; SAIKOVSKI, V.

Clinical and epidemiologic aspects of Q fever. Zb. zasp. med. fak. Skopje 11:181-187 '64.

1. Republicki zavod za zdravstvena zastita vo Skopje (direktor: prim. d-r. G. Tofovski) i Klinika za detski bolesti pri medicinskiot fakultet, Skopje (direktor: doc. d-r. H. Inma .

SADIKARIO, Aviam, M.[illegible] Vladimir

Some experiences with [illegible] in children. Sod.Pediatr.Ved. [illegible]

Value of [illegible] studies in [illegible] of [illegible] in children. [illegible]

[illegible] ("Pravda [illegible]

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134810019-3

IVANKOV, L.I.; KULIKOVSKIY, A.S.; MLADENTSEV, G.D.; MARKELYUN, L.F.; FATIKOV, R.F.

Geological characteristics of the Dzhezkazgan deposit and new facts obtained by the mining geological service. Trudy Inst. geol. AN Kir. SSR no.9:253-263 '57. (MIRA 11:4)
(West Kazakhstan Province--Ore deposits)

AUTHORS: Mladentsev, A.D., and Markelyun, L.F. 26-58-5-14/57

TITLE: The First Findings of footprints of Vertebrate quadrupeds in the Upper-Paleozoic Sandstones of Dzhezkazgan (Pervaya nakhodka otpechatkov sledov chetveronogikh pozvonochnykh v verkhnepoleozoyskikh peschanikakh Dzhezkazgana)

PERIODICAL: Priroda, 1958, Nr 5, pp 72-74 (USSR)

ABSTRACT: The footprints of vertebrate quadrupeds found in the grey sandstone strata with copper and polymetallic mineralization of the Dzhezkazgan Mine, date back over 200 million years and are considered to be extremely rare. Diverse geological interpretations of these strata were given by D.G. Sapozhnikov (1948), K.I. Satpayev and V.F. Bespalov, and N.V. Litvinovich (1952).
There are 2 figures, 1 photo and 2 Soviet references

ASSOCIATION: Rudnik Dzhezkazgan, Karagandinskaya Oblast' (Dzhezkazgan Mine, Karaganda Oblast')

AVAILABLE: Library of Congress

Card 1/1 1. Paleoecology - USSR 2. Vertebrate quadrupeds - History

MLADENTSEV, L.V.

Potentialities of sawmill production in the Buryat A.S.S.R.
Trudy BKNII no.5:201-203 '61. (MIRA 18:2)

USSR/ Analytical Chemistry. General Problems. G-1

Abs Jour: Referat. Zhur.-Khimiya, No. 8, 1957, 27118.

Author : K.A. Sukhenko, I.O. Mladentseva, N.P. Gorozhankina, Z.S. Platonova, A.V. Aksenova, S.M. Il'ina.

Inst. : Academy of Sciences of USSR.

Title : Production and Study of Standards of Various Alloys for Spectral Analysis.

Orig Pub: Izv. AN SSSR, Ser. fiz., 1955, 19, No. 2, 161 - 164.

Abstract: Abridged review of the state of production of standards for spectral analysis in USSR. The method of casting of standards at the Scientific Research Institute of Ministry of Aviation Industry is described. The application of the method of continued casting for preparing standards

Card 1/2

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The effect of a third element on the results of spectral analysis of aluminum and magnesium alloys K. A. Sukhenko and O. I. Mladentseva *Zavodskaya Lab.* 11, 1132-6(1945). — Mg in Si alloys was detd. by the lines Mg λ 2802, Al λ 2652, Mn in Duralumin and Al 7 alloys by Fe λ 2569, Al λ 2652, Si in Duralumin alloys by Si λ 2516, Al λ 2652, Si in Silumin alloys by Si λ 2528, Al λ 2652, and Cu in all alloys by Cu λ 3247, Al λ 2652. Mn had no effect on the detn. of Si, Fe, and Cu in Duralumin alloys. Results of the analyses of all components of Mg alloys MA4 and MA5 can be combined into one graph. This simplifies the analysis and reduces the time required for the analysis. W. R. Henn

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***Spectral Analysis of Complex Alloys of Nickel, Cobalt, and Aluminium.** K. A. Sukhenko, O. I. Mladentseva, and N. P. Yakovleva (*Zavod. Abad. Nauk. S.S.S.R.*, 1948, [Fiz.], **12**, 436–438. C. Abs., 1950, **44**, 3838). (In Russian.) The following are the line pairs used, the mean error (and the corresponding concentration of the unknown element), in analyses for the element named first. *Ni Alloys.* Cr 2861–Ni 2863 Å., 4·2% (20·4%); Cr 2862–Ni 2863, 7·0 (20·4); Cr 3147–Ni 3012, 3·5 (20·4); Cr 2851–Ni 2863, 4·7 (20·4); Cr 2853–Ni 2863, 6·0 (20·4); Al 3961–Ni 3783, 15·3 (0·77); Si 2528–Ni 2546, 10·4 (1·00); Mn 2593–Ni 2546, 10·0 (0·55); Mn 2593–Ni 2584, 11·1 (0·55); Ti 3261–Ni 3012, 10·9 (2·30); Ti 3261–Ni 3087, 11·8 (2·30); Fe 2599–Ni 2566, 8·6 (1·30); Fe 2599–Ni 2546, 12·3 (1·30). *Co Alloys.* Cr 2863–Co 2649; Cr 2861–Co 2649; Cr 2853–Co 2649; Cr 2851–Co 2649; Mn 2594–Co 2649; Si 2516–Co 2649; Fe 2599–Co 2649; Fe 2598–Co 2649; Fe 2399–Co 2467; Ni 2438–Co 2467; Ni 2394–Co 2398; W 2489–Co 2649; W 2683–Co 2649; W 2603–Co 2649; W 2589–Co 2649. *Al Alloys.* Zn 3302–Al 3050; Zn 3282–Al 3050; Zn 2557–Al 2652, in a condensed spark, also Zn 2502–Al 2652; Mg 2770–Al 2652, for 2·6% Mg, with Fe > 0·8%; Mg 2915–Al 2652 and Mg 2776–Al 2652, for 9·16% Mg; Mg 2795–Al 2652 and Mg 2802–Al 2652 for Mg of the order of 0·001%.

PA 62T72

MLADENTSEVA, O. I.

Mar 1948

USSR/Metals
Zirconium
Magnesium Alloys - Analysis

"Spectral Analysis Method for Determining Zirconium in Magnesium Alloys," O. I. Mladentseva, All-Union Inst Aviation Materials, ½ p

"Zavod Lab" Vol XIV, No 3 - p. 369

Observations conducted on the ultraviolet band of the spectrum with the aid of type O-24 spectrograph. This method permits determination of zirconium in amounts of 0.3 to 1%. Tests conducted at GiRedMet.

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