

COUNTRY :
CITY : CULTIVATED PLANTS.

ABSTRACT : [LIT ZHUR - BICLOGIYA, NO. 4, 1959, ... 1962]

AUTHOR :
INSTITUTION :

KEYWORDS :

ORIG. INFO :

ABSTRACT

:it is expedient to sow MF, TG and PR under a cover of two-row barley. The duration of the period of use for seed is not above 3 years. The wetting of DG and MF seeds before sowing hastens the appearance of sprouts by 3 to 5 days, but does not yield a gain to the harvest. Neat sowing with 60 x 60 cm spacing gave a crop practically close to the row sowing. 60 cm spacing between rows and cannot be recommended because of the higher net cost of seed production. -- M.V. Branishnikov

CARD: 2/2

AKS. JOUR. Tropicsl Cereals.
REF ZHUR - BIOLOGIYA. NO. 4, 1959, No. 15599

AUTHOR Balasoiu, Al.
INST. ---

TITLE Selection of winter barley in the local district.

ORIG. PUB. :Probl. agric., 1958, 10, No.7, 25-29

ABSTRACT In 1957-1957 at the agricultural test station in various experiments were conducted with various sorts of barley. It is recommended that winter barley be grown in large areas where it has a higher and yield than spring barley. Genal 700 is the best suitable sort for this locality.

CARD: 1/1

BIASIU, G.

The graphic method of loading ships using the full capacity of the net load and the volumetric capacity.

p. 96 (Revista Transporturilor. Vol. 3, no. 3, Mar. 1956. Bucuresti, Romania)

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

BATAGIIE, GH.

Concentration of productive forces for loading and unloading operations on ships.

p. 302 (Revista Transporturilor. Vol. 4, no. 9, Sept. 1957. Bucuresti, Rumania)

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

Malasov, M.N.

Malasov, M.N. "The effect of mountain climate on potato culture", *Vokleye Akad. nauk Izv. SSR*, No. 11, 1948, p. 23-27, (Resume in Czech), - Bibliog: 11 items

SO: t-3261, 10 April 53, (Istoria' Journal Izv. Statoy, No. 12, 1949

ACCESSION NR: AP3000077

Z/0009/63/000/005/0241/0244

AUTHOR: Dadak, Vojtech; Smejkal, Karel; Balasova, Eva

TITLE: Byproducts of aromatic nitration - 3. Hydroxylation of aromatic compounds by means of nitric acid.

SOURCE: Chemicky prunyal, no. 5, 1963, 241-244

TOPIC TAGS: nitration of xylenes, toluenes, chlorobenzene; ratio of nitro and hydroxy derivatives; uses as herbi- and fungicides

ABSTRACT: Literature references covering nitration byproducts did not cover data on hydroxylation of m- and p-xylene. The present work was carried out to complete the available information. Qualitative and quantitative data on hydroxylations of m- and p-xylenes, chlorobenzene, nitrobenzene, and o-, m-, and p-nitrotoluene are listed. Results show clearly the electrophilic character of the hydroxylation reactions. The separation of the individual products was made by elution from aluminum

Card 1/3

ACCESSION NR: AP3000077

oxide columns and identification by paper chromatography. From identified substances 2, 3-dinitro-p-cresol and 2, 5-dinitro-p-cresol and 2, 6-dinitro-p-cresol are active as herbicides against grassy weeds. Non-selective herbicide activity is shown by 4, 6-dinitro-p-cresol, 2, 3- and 2, 5-dinitrophenols, and 2, 4, 6-trinitrophenol. 2, 6-dinitro-4-chlorophenol and 2, 4-dinitro-6-chlorophenol seem promising as fungicides. The relationship between the yields of nitroderivatives and hydroxyderivatives of the various aromatic hydrocarbons tested are shown in Table 1., of the Enclosure. "The authors wish to express their thanks to the following: J. Hejlik, for the spectral analyses; J. Havlka, for the titanometric determination of the nitro groups; and Z. Horak, for checking the purity of the initial materials, by means of gas chromatography." Orig. art. has 7 tables.

ASSOCIATION: VCHZ Synthesia n.p.; Vyzkumny ustav prumyslove chemie (Research Institute of Industrial Chemistry) Semtin

SUBMITTED: 18Jul61 DATE ACQ: 17Jun63 ENCL: 01

SUB CODE: 00 NR REF SOV: 003 OTHER: 013

Cord 2/3

ACCESSION NR: AP 3000077
Table VII

ENCLOSURE 1

Ratio of nitro- and hydroxyderivatives during aromatic nitration

① Original chemical ② Positions of substituents ③ Nitroderivatives % ④ Hydroxyderivatives %

① Výchozí sloučenina	② Substi- tuovaná poloha	③ Nitroderivát %	④ Hydroderivát*) %		
Toluol	2--	88,0 (8)	19,1(2)	} 80,8	
	3--	9,3	pod 1		
	4--	99,0	78,7		
m-Xylen	2--	16 (9)	(18,5)	} 100	
	4--	85	81,5		
Chlorbenzol	2--	81,04 (10)	13,8	} 80,8	
	3--	1,6			
	4--	88,78	78,5		
Nitrobenzol	2--	11,3 (10)		} 100	
	3--	87,5			
	4--	1,2	**)		
o-Nitrotoluen	2--	87,0 (8)	98	} 91	
	4--	93,0			
m-Nitrotoluen	2--	85 (13)	} 89,4	} 87,8	
	3--	95			18,5
	4--	85			
p-Nitrotoluen	2--	100	100	100	

one asterisk: balance to 100% by substances not identified

two asterisks: The ratio of isomers was not determined in by products of dinitration of nitrobenzene. All spots on paper chromatography were identified.

Card 3/3

BALASSA, Andreas (Chile)

The valley of lost cities. Elet tud 19 no. 7: 291-294 14 F
'64.

SOMOGYI, Miklos; MAROSAN, Gyorgy; BALASSA, Bela; SARKOZI, Ferenc; PASZTOR, Jozsef;
SZABADKAI, Gyula; TOTH, Erno, vajar; SZERENCSEI, Janos; BOSKOVITS, Istvanne;
KOMLODI, Sandorne

The 3d Conference of Trade-Union Stewards. Munka 8 no.9:1-8 S '58.

1. Szakszervezetek Orszagos Tanacsa elnoke (for Somogyi).
2. Dombovari Vasutigazgatosag (for Balassa).
3. Lang Gepgyar szakszervezeti bizottsaga elnoke (for Sarkozi).
4. Budapesti Tuzalloanyaggyar igazgatoja (for Szabadkai).
5. Petofi-banya.
6. Ozdi Kohaszi Uzemek (for Szerencsei).
7. Istvan-korhaz (for Boskovits).
8. Duna Cipogyar szakszervezeti bizottsaga elnoke (for Komlodi).
9. Pedagogiai Tovabbkepzo Intezet igazgatoja (for Pasztor).

HUNGARY, Budapest

Conference on Tools for Mechanized Casting Production held at the
Csepel Iron and Steel Foundries. Kérlap 98 no.1:Suppl.:Oldide 16
no.1:13 Ju '65.

BALASZA, GY.

Our forest economy on the road of socialist development. p. 201.

AZ ERDŐ. (Országos Erdészeti Egyesület) Budapest, Hungary.
Vol. 11, no. 9, ~~Sept.~~ 1959.

8 6 June

Monthly List of East European Accessions (EEAI) LC, Vol. 11, no. 9, ~~Sept.~~ 1959.

BALASSA, Gyula, dr.

The National Main Directorate of Forestry is ten years old.
Erdo 13 no.10:433-437 0 '64.

1. Editorial board member, "Az Erdo."

BALASSA, Gyula

The situation of our silviculture and the tasks of its development.
Magy tud 67 no.1:19-25 Ja '60. (REAI 9:7)

1. Orszagos Erdeszeti Foigazgatosag vezetoje.
(Hungary--Forests and forestry)

BALASSA, Gyula, dr.

The state and future of Hungary's silviculture. Erdo 11 no.12:529-537 D '62.

1. Miniszterhelyettes; az Országos Erdészeti Főigazgatóság vezetője, Budapest, és "Az Erdo" szerkesztő bizottsági tagja.

BALASSA, Gyula, dr.

State of Hungarian silviculture and the trend of its development. Erdo 13 no.1:1-5 Ja'64.

1. Miniszterhelyettes; Orszagos Erdeszeti Fozgazgatosag vezetője; "Az Erdo" szerkeszto bizottsagi tagja.

BALASSA, Imre

Some problems relating to the organization of design work in
precision mechanics. Finomechanika 1 no.12:353-355 D'62.

BALASSA, Janos

An attempt for the determination of the level of chemical engineering work. Magy kem lap 15 no.4:157-161 Ap '60.

1. Nehezipari Ministerium, Budapest.

BALOGH, J.

"A scientific methodological panel on the planning of technical and organizational measures and the calculation of their efficiency." p. 37. *PROCEEDINGS*, Vol. 7, no. 10, Oct. 1951, Budapest, Hungary.

S.: *Monthly List of the East European Accessions*, LC, Vol. 3, no. 4, April 1954.

BALASCA, J.

"Routing According to the Dispatcher System in the Management of Socialist Industrial Enterprises", P. 13. (TÖRTÉNYELEM, Vol. 8, No. 2, Feb. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EWAI), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

BALASSA, J.

"Hungarian Interpretation of Russian Terms in the Field of Organization
in Socialist Industrial Enterprises", P. 39. (TOBESZMUNKAS, Vol. 8,
No. 4, April 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (MEAL), IC, Vol. 4,
No. 1, Jan. 1955, Uncl.

BALASSA, J.

"Hungarian Interpretation of Russian Terms in the Field of Production in Socialist Industrial Enterprises", P. 36. (TOBTELEPIES, Vol. 8, No. 6, June 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EFAL), IC, Vol. 4, No. 1, Jan. 1955, Uncl.

BALASSA, J.

"Hungarian Interpretation of Russian Terms in the Field of Maintenance in Socialist Industrial Enterprises", P. 34. (TOBBTIE ELES, Vol. 8, No. 8, July 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EMAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

BALASSA, J.

"Hungarian Interpretation of Russian Terms in the Field of Heavy
Economy in Socialist Industrial Enterprises." P. 42. (TOPSECRET ELES,
Vol. 8, No. 8, Aug. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), 1C, Vol. 4,
No. 1, Jan. 1955, Uncl.

BALASSA, J.

"Hungarian Interpretation of Russian Words and Expressions," . 37
(TOBBTERIELES. Vol. 8, No. 9, Sept. 1954; Budapest, Hungary.)

So: Monthly List of East European Accessions, (EFAL), LC, Vol. 4,
No. 4, April 1955, Uncl..

PALASZ, J.

J. Ponto and J. Falint's Vallalati tervezes es szervezes a vegyiparban (Planning and Organization of Plants in the Chemical Industry); a book review. p. 37.
TOBTERVELES, Budapest, Vol. 9, no. 3, Mar. 1955.

SC: Monthly list of East European Accessions, (SEAL), 10, Vol. 4, no. 10, Oct. 1955,
Uncl.

BALASA, J.

Brigades to decrease prime cost (complex) for technical development. p. 6.
Vol 9, no. 10, Oct. 1955. TOSZTEKÉLEK. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

1957, 1958.

1958, 1959. Scientific centers for the organization of research in the Soviet Union. p. 29.

Vol. 13, no. 7, July 1956

1956, 1957

See: East European Research, Vol. 6, No. 1, 1957

BALATE, Jaroslav, ins.

Automatic catch of electric feed pumps. Energetika Cs 11
no.12:602-603 D '61.

KOLOS, Richard, egyetemi tanar; FISCHER, Imre; HARSANYI, Istvan, dr., docens, kozzgazdasagi tudomanyok kandidatusa; LENGYEL, Karoly, dr., tudomanyos munkatars; BALASSA, Laszlo, foelado; KOZMA, Pal, dr., fokonyvelo; KASPER, Egon, dr.; MACSKASSY, Pal; LUKACS, Laszlo, okleveles elektromernok; SANTA, Balint, dr.

Scientific conference on retraining instrument industry personnel.
Meres automat 13 no.2/3:66 '65.

1. Secretary General, Council on Science and Higher Education, Budapest (for Kolos).
2. Head, Directorate of Instrument Industry of the Ministry of Metallurgy and Machine Industry, Budapest (for Fischer).
3. Instrument Industry Research Institute, Budapest (for Lengyel).
4. National Price Office, Budapest (for Balassa)
5. Instrument and Business Machine Trading Organization, Budapest (for Kozma).
6. Group Head, Ministry of Finance, Budapest (for Kasper).
7. Directorate of Instrument Industry of the Ministry of Metallurgy and Machine Industry, Budapest (for Santa).

BALASSA, H.

(5272)

A Budapesti Tudományegyetem Elme és Idegkörtani Klinikájáról. Adatok az agykérgi vegetatív központok elettanához Contributions to the physiology of the cortical vegetative nuclei Orvosi Hetilap 1948, 89/481-495 (490-495) Graphs 7

The vegetative nervous system was examined in five cases before and after prefrontal leucotomy. The blood sugar levels were below normal (54, 56, 60, 76 mg. per 100 ml.), and remained low for 1-2 months. It is suggested that prefrontal centres play a part in regulating sugar metabolism, and that emotional factors act through such centres. Sympathomimetic drugs, such as adrenaline, amphetamine, and metrazol, have a much-reduced effect on blood pressure and on the pulse, following leucotomy. The action of acetylcholine, morphine and scopolamine remains unchanged, however.

Issekutz - Budapest

So: Excerpta Medica, Vol. II, No. 10, Sect. II, Oct. 1949

HUNGARY / Human and Animal Physiology (Normal and Patho- T
logical). Internal Secretions. Pancreas

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 97759

Author : Fiala, Ervin and Balassa, Maria

Inst : Not given

Title : First Experiments with a New Internally Intro-
ducible Antidiabetic Preparation Invenole

Orig Pub: Orv. hetilap, 1957, 98, No 21, 554-555

Abstract: No abstract

Card 1/1

BALASSA, Maria, dr.; POLICZER, Miklos, dr.; FIALA, Ervin, dr.; MIKE,
Teresia, dr.; TARI, Lasso; VASVARI, Gabor

Radiiodine thyroid function test with the aid of the organic
phosphorus scintillator and GM tube. Magb radiol. 12 no.4:240-
244 N '60.

1. A Kosponti Allami Korhaz es a MTA Kosp. Kemiai Kutato Intezetnek
kosos koslemenye.

(THYROID GLAND physiol)
(IODINE radioactive)
(RADIOMETRY)

FIALA, Ervin, dr.; POLICZER, Miklos, dr.; NIKE, Terezia, dr.; BALASSA, Maria, dr.

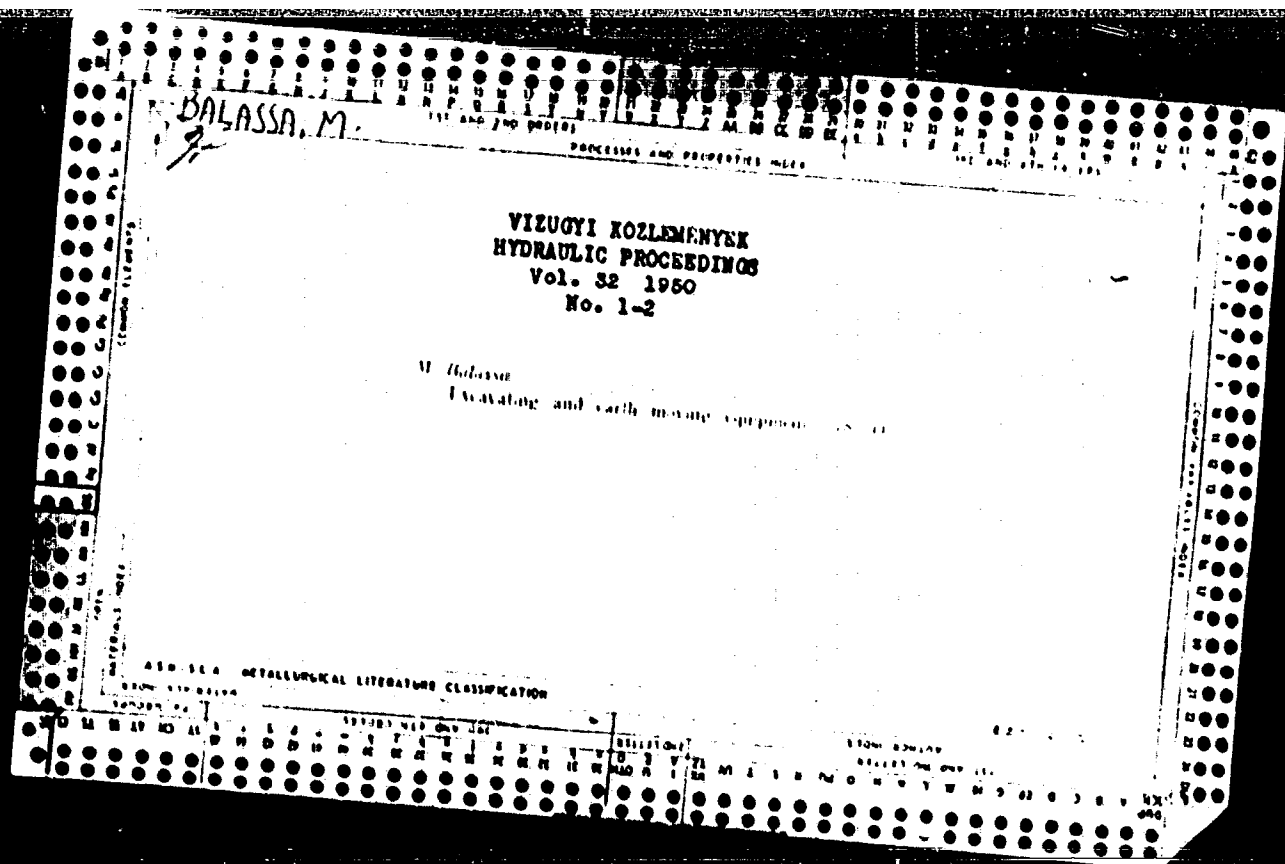
Comparative biological evaluation of function tests of the thyroid gland. *Magy.belorv.arch.* 13 no.3:78-84 J1 '60.

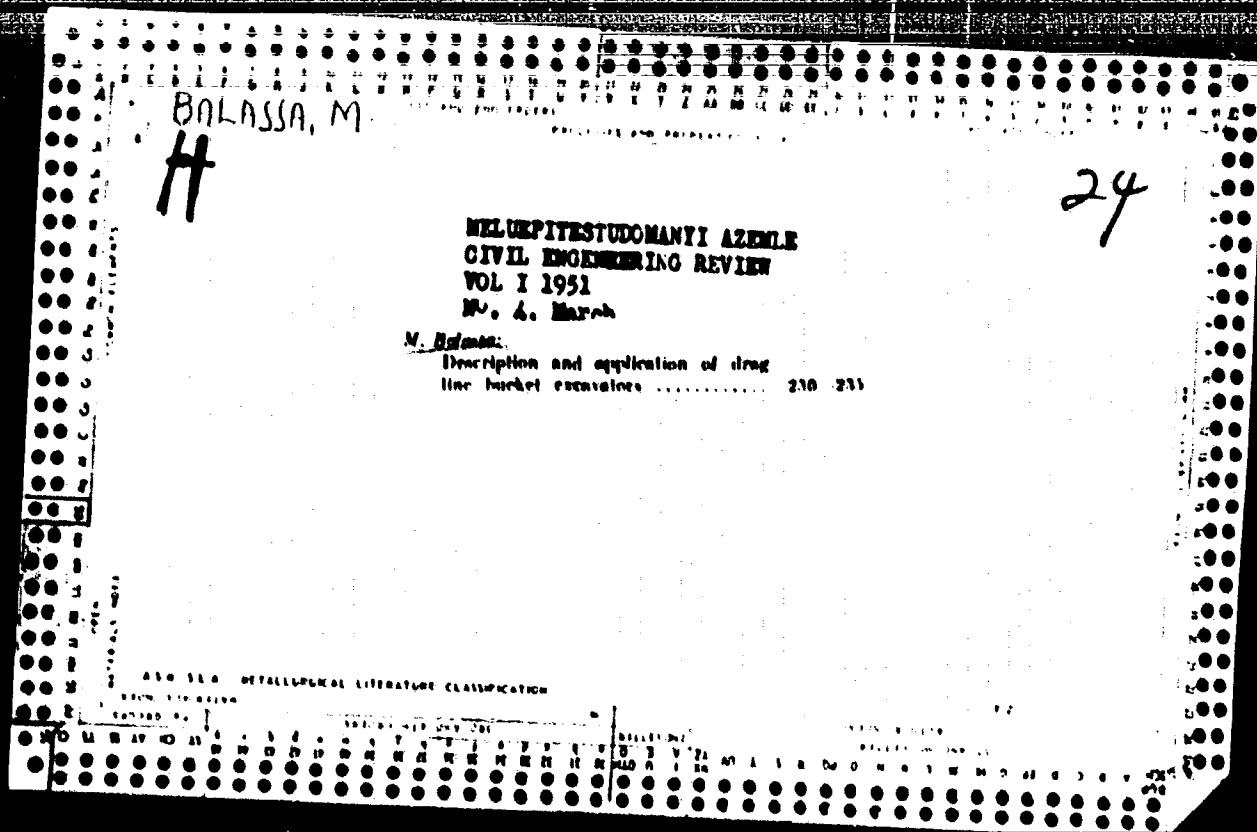
1. A Kosponi Allami Kozhas (Kutvolgyi ut 4.) (Igazgato-foorvos: Fenyvesi Jozsef dr.) I. sz.belosztalyanak (Foorvos: Policzer Miklos dr. az orvostudomanyok kandidatusa) koslemenye
(THYROID GLAND physiol)

MIKE, Terezia, dr.; POLICZER, Miklos, dr.; FIALA, Ervin, dr.; BALASSA, Maria, dr.

Thyroid function tests in hypertension and peptic ulcer. Orv.
hetil. 101 no.14:482-484 3 Ap '60.

1. Koszonti Allami Korhas i. Belosztaly.
(THYROID GLAND physiol.)
(HYPERTENSION physiol.)
(PEPTIC ULCER physiol.)





FALASSA, L.

"Excavator with a Disk Digger", p. 388 (MELNYETESTUDOMANYI SZEMLE,
Vol. 3, no. 3/9, Aug./Sept. 1953, Budapest, Hungary).

Source: Monthly List of East European Accessions, LC, Vol. 3, no. 5,
May 1954/Uncl.

BALAZS, F.

"Hungarian Names for Our Machine Tools", p. 302 (MISZKÉPÍTÉSTUDOMÁNYI
SZEMLÉ, Vol. 3, no. 2/9, Aug./Sept. 1953, Budapest, Hungary).

Source: Monthly List of East European Accessions, LC, Vol. 3, no. 5,
May 1954/ Uncl.

BALASZ, F.

Helyepitestudományi Szemle - Vol. 5, no. 4/5, Apr./May 1955.

Mechanization of earthwork. p. 225.

SO: Monthly list of East European Accessions, (KEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

FALASSA, M.

FALASSA, M. Mechanization of work in covering entankments of the Volga-Ion Canal.
. 361.

Vol. 5, No. 8, Aug. 1955.
MELYEPITESTUDY ANYI SZEMLE.
TECHNOLOGY
Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

BALAZS, P.

Problems of exact excavation of cross sections of canals. p. 557.
Vol 5, no. 12, Dec. 1955. MELENYITESTUDOMANYI SEBELY. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

BALASSA, M.

The E-153 hydraulic excavator with the basic White Russian engine. p. 13.
No. 20, Oct. 1955. MUSZAKI ELET. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

BALASSA, H.

New and modern methods of open pit coal mining.

P. 471 (Bányászati Lapok. Vol.12, no1 9, 1957, Budapest, Hungary)

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

BALASSA, R.

Transformation mechanisms of Rhizobia. I-III. Acta microb. hung.
2 no.1-2:51-78 1954.

1. Genetische Abteilung des Agrobiologischen Institutes der
Ungarischen Akademie der Wissenschaften.

(RHIZOBIUM

transform. types, mechanism)

BALASSA, R.

Desoxyribonucleic acid induced changes in Rhizobia. Acta microb. hung. 4 no.1:77-84 1957.

1. Genetisches Institut der Ungarischen Akademie der Wissenschaften, Budapest.

(RHIZOBIUM, eff. of drugs on desoxyribonucleic acid inducing variations (Ger))

(DESOXYRIBONUCLEIC ACID, eff. on Rhizobium species, induction of variations (Ger))

BALASSA, R.

Conditions of the development of low streptomycin resistance in
Rhizobia induced by desoxyribonucleic acid. Acta microb. hung.
4 no.1:85-95 1957.

1. Genetisches Institut der Ungarischen Akademie der
Wissenschaften, Budapest.

(RHIZOBIUM, eff. of drugs on
desoxyribonucleic acid inducing low streptomycin
resist., cond. of induction (Ger))

(DESOXYRIBONUCLEIC ACID, eff.
on Rhizobium species, induction of streptomycin resist.
& cond. of induction (Ger))

(STREPTOMYCIN, eff.
on Rhizobium species, induction of resist. by
desoxyribonucleic acid (Ger))

BALASSA, Rozsi; GABOR, Magda

Transformation of streptomycin markers in some strains of
Shigella flexneri: Transformation of streptomycin-dependence.
Acta microbiol. acad. sci. Hung. 11 no.4:329-339 '64-'65

1. Institute of Genetics (Director: B. Gyorffy), Hungarian
Academy of Sciences, Budapest.

SAVELY, Caesar, dr; BALASSA, Sandor, dr.; LORINCZ, Jasslo, dr.; WAGNER, Marta, dr.

Clinical and experimental observations on the treatment of obesity with gracidin. Orv. hetil. 101 no.20:699-701 15 My '60.

1. Budapest III. ker. Tanacs Margit korszala, Belosztaly.
(PHENMETRAZINE ther.)
(OBESITY ther.)

BALASSA, Sandor, dr.; WAGNER, Marta, dr.; LORINCZ, László, dr.

Subendocardial infarction. Orv. hetil. 102 no.50:2362-2366 10 D '61.

1. Budapest III ker. Tanács Margit-körhas, Belosztály.

(MYOCARDIAL INFARCT)

BALASSA, Sandor, dr.; CSAKANY, Gyorgy, dr.; TILCSVA-I, Antal, dr.;
WAGNER, Marta, dr.

Coarctation of the descending aorta. Orv. hetil. 103 no.21:969-980
27 My '62.

1. Orszagos Kardiologiai Intozet es a Fovarosi Margit korhaz,
Belgyogyaszati Osztaly.
(AORTIC COARCTATION case reports)

Valassi, L

2

SUMMARY/Pharmacology and Toxicology - Various Preparations. Y-7

Abstr Jour : *Russ. Zhur - Med.*, No 21, 1955, 90772

Author : Kroll, J., Turdov, L., Kozlov, E., Kalashov, K., Valassi, L.

Inst : Burgarim AB

Title : Investigation of Tissue Substances with Cardiotonic Action. II. Obtaining of Active Preparations and Their Investigation on the Heart of a Dog, and a Cardiopulmonary Specimen of a Dog.

Orig Pub : *Zhurn. fiziol. i med. nat. nauk.*, 1955, 6, No 2, 187-200

Abstract : The authors prepared active cardiotonic extracts from organs of horses, dogs and cats. The extracts were obtained by extraction of tissues with hot distilled water with subsequent filtration, dialysis and alcohol precipitation. The most active extract proved to be one obtained from the spleen and liver as well as from erythrocytes.

Card 1/2

- 27 -

Cardiotonic activity of extracts was estimated on frog heart weakened by quinine and on cardiopulmonary specimen of a dog. The authors established, in experiments on 10 cardiopulmonary dog specimens (6 experiments with $CaCl_2$, 3 with $CaCl_2$, 1 with Ca gluconate) that the tissue extracts act on the heart stronger and longer than Ca preparations of Ca . The chemical nature of the active substances of the extracts remains unclear.

Card 2/2

BALASSY, Janos, dr.; LUBECK, Gyorgyne

Should free shelves be established in trade-union libraries?
Remarks. Munka 12 no.8:24-25 Ag '62.

1. Koho- es Gepipari Ministerium szakszervezeti konyvtarosa.
(for Balassy). 2. Frea- es Kovacsoltarugyar szakszervezeti
konyvtarosa. (for Lubeck).

RASTNIK, Jaroslav

Konzervovanie ovocia, zeleniny a masa v domacnosti. (Preservation of Fruit, Vegetables and Meat in the Household. illus., tables) Bratislava, Slov. vyd. rodohosp. lit., 1957. 285 p. Vol.65 of the series Rastlinna vyroba (Plant production).

A detailed work on the preservation of fruit, vegetables, mushrooms, meat and eggs. It describes individual methods of preservation. It is offered to households and preservation classes.

Bibliograficky katalog, CSR, Slovenske knihy. Vol.VIII. 1957. No.9. p.280.

MAJERSKY, Rudolf; BALASTIK, Jaroslav

Information from the trip to Hungary. Prum potraviv
14 no.2:78-81 F '63.

1. Sdruzeni lihovaru a konzervaren, Bratislava (for Majersky).
2. Slovacko lihovary a konzervarny, n.p., Uherske Hradiste
(for Balastik).

BAJASTIK, Jaroslav, inz.; HYSEK, Milan

Introducing new sorts of sterilised canned vegetables. Prum potravin
14 no.4:178-182 Ap '63.

1. Slovacke konzervarny a lihovary, n.p., Uherske Hradiste.

NEMEC, Emil, inz.; BALASTIK, Jaroslav, inz.

Modern technology and methods in the canning industry. Prum
potravin 16 no.2:53-56 F '65.

1. Sdruzeni lihovaru a konservaron, Bratislava (for NemeC).
2. Research Institute of Distillation and Canning Industry,
Bratislava (for Balastik). Submitted October 23, 1964.

BALASE, A., dr

Public health in Siedliskose. Zdrowie pub., Warsz. No.4:325-332
July-Aug 54.

1. Lekars wiejski z Siedliszcz, pow. Chelm, woj. lubelskie.
(PUBLIC HEALTH,
in Poland, in rural areas)
(RURAL CONDITIONS,
pub. health in Poland)

BALASH, A. [Balasz, A.]; KLIMEK, R.

Oxytocin dynamic test for the determination of the time of delivery. Akush. i gin. 39 no.3:99-101 My-Je'63 (MIRA 17:2)

1. Iz 1-y kliniki akusherstva i ginekologii (sav. - prof. dr. S. Shvarts) Meditsinskoy akademii, Krakov.

KRAUSS-TAKI, Janina; BALASZ, Aleksander

Behavior of the iron level before labor in systemic blood and after labor in umbilical blood. Pat. Pol. 15 no.3:337-346 31-S '64.

1. Z Zakładu Patologii Ogólnej i Doświadczalnej Akademii Medycznej w Krakowie (Kierownik: prof. dr. med. B. Giedosz) i z I Kliniki Położnictwa i chorób Kobietych Akademii Medycznej w Krakowie (Kierownik: prof. dr. med. S. Schwarz).

BAIASZ, Aleksander; PLINTA, Maria; MARCZYNSKI, Kazimierz

Case of ovarian abscess with fistula following along the
inguinal canal. Pol. tyg. lek. 20 no.39:1469-1470 27 S '65.

1. Z Kliniki Położnictwa i Chorob Kobięcych AM w Krakowie
(Kierownik: prof. dr. Stefan Schwarz).

INDEXED : INDEXED
GENERAL & SPECIAL SERVICES

Biology and Zoology

REV. JOURN: Acta Theriologica, 14, 1969, No. 1

Author : Balanaz, Andras

IR # : [faded]

TITLE : [faded]

ORIG. PUB.: Biol. kônl., 1958, 5, No.2, 93-102

ABSTRACT : [faded text]

CARD : /2

ARTICLE

FROM THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION

ABSTRACT: Zhur-Biologiya, No. 4, 1959, No. 1

AUTHOR :
INST. :
TITLE :

ORIG. PAGE:

ABSTRACT :

The article discusses the results of experiments on the effect of various factors on the growth and development of the embryo of the common carp (Cyprinus carpio L.). The experiments were conducted in the laboratory of the Institute of Zoology and Animal Husbandry of the Academy of Sciences of the USSR. The results show that the growth and development of the embryo are influenced by the temperature, the concentration of oxygen, and the concentration of carbon dioxide. The optimal conditions for the growth and development of the embryo are a temperature of 20-25°C, a concentration of oxygen of 5-10%, and a concentration of carbon dioxide of 0.1-0.2%.

From the author's summary

WORD:

22

BALASZ, F.; KISS, T.

Production of heat-treated alloyed aluminum wires for conductors.
Acta techn Hung 28 no.1/2:121-131 '60. (EEAI 9:7)

1. Eksperimental'nyy otdel zavoda tsvetnykh metallov Chepel'.
(Aluminum) (Electric wire)
(Electric conductors)

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Abs Jour : Ref Zhur Biol., No 1, 1959, 1030

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Inst : Czechoslovakian AS

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D224/D302

AUTHORS: Butnaru, Constantin and Bălătescu, Tiberiu, Engineers

TITLE: The behavior of silchrome steels in cast pieces

PERIODICAL: Metalurgia și construcția de mașini, no. 1, 1961, 10-13

TEXT: The article describes some heat treatment experiments conducted at the Combinatul metalurgic (Metallurgical Combine) in Reșița to improve the mechanical characteristics of cast silchrome steel, used in manufacturing the supports of hot stove grates of a 700 cu-m blast furnace. The chemical composition of the silchrome steel used was: 0.40 - 0.50% C, 2.5 - 3.5% Si, maximum 0.70% Mn, maximum 0.035% P, maximum 0.035% S, and 8 - 10% Cr. The cast supports were originally heat-treated as follows: The supports were heated and maintained for 14 hours at a temperature of 880°C, then cooled down to 700°C, and finally cooled in air. The mechanical

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characteristics obtained were far below the required ones, established for forged silchrome steels. In order to improve these characteristics, various laboratory investigations were conducted on samples subjected to seven various types of heat treatment. On the basis of these experiments, it could be determined that a silicon content of more than 2.5% in the cast pieces reduced the elongation capacity of the material. The microstructure of the cast silchrome steel, whose elongation did not correspond to the requirements, contained large chromium carbides, with a tendency to set in the lattice, whereas the forged steel showed a homogeneous structure with fine and uniform carbides. In the case of cast steel having a silicon content below 2.5%, the applied heat treatment led to a structure similar to that of the forged steel. The charges with a high silicon content presented after the thermal treatment a free structural ferrite. In order to check the resistance to shocks, resilience tests with Messnager-type samples were carried out at a temperature of 300°C. The resilience values obtained at this temperature were satisfactory. Based on these experiments,

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the authors recommended changing the chemical composition of the steel as follows: 0.35 - 0.40% C, 2 - 2.5% Si, 0.4 - 0.5% Mn, maximum 0.035% P, maximum 0.035% S, and 8 - 9% Cr. The supports cast from this steel were then subjected to the following heat treatment: normalizing at 950 - 980°C, keeping the pieces for 10 hours in the furnace, cooling in air, tempering at 750 - 760°C, keeping the pieces for 16 hours in the furnace, cooling in air. The recorded mechanical characteristics after the traction tests corresponded to the requirements and are compiled in tabulated form. Conclusions: The forged silchrome steel, due to its high mechanical characteristics, can be used for producing supports. The cast silchrome steel with an Si content if lower than 2.5% has, after the corresponding heat treatment, mechanical characteristics similar to those of the forged steel. Charges with a Si content of higher than 2.5% do not attain the required elongation. If the cast silchrome pieces cannot be hardened, it is recommended subjecting them to a heat treatment consisting of normalizing at 950 - 980°C, followed by tempering at 750°C. It is also necessary to undertake

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fast cooling in air after the normalizing and tempering operations.
There are 5 tables, 4 figures and 2 Soviet-bloc references.



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SURNAMES, Given Names

Country: Czechoslovakia

Academic Degrees: [not given]

Affiliation: [not given]

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