

L 22525-65

ACCESSION NR: AP5001552

An analysis of the available experimental data shows that the decrease in conversion efficiency with increase in wavelength is due to the inertia of the electrons, and that a high-frequency spark discharge can not generate an appreciable amount of microwave harmonic power. Orig. art. has: 3 figures, 2 formulas, and 1 table.

ASSOCIATION: Instytut radiofizyki i elektroniki AN URSR (Institute of Radio-physics and Electronics, AN UkrSSR).

SUBMITTED: 12Mar64

ENCL: 01

SUB CODE: EC

NR REF SOV: 001

OTHER: 006

Card 2/3

RATUSHNYI, G.D.; KOMAROVA, S.N.; LYGINA, N.I.; POGREBYNYAK, E.G.

Application of ion exchange for the acidification of fruit and
berry juices. Trudy KIPP no.22:371-374 '61. (MIRA 16:4)
(Fruit juices) (Ion exchange)

POGOREBNIAK, I.I., dokl., kand. Biol. nauk

Phytobenthos and food resources of the Shabolat Lagoon. *Tr. Gos. univ. Ser. biolog. i rybol. nauch. issledov. Prichor.* [no.1]:55-68 1962.

(Shabolat Lagoon—Marine flora)

(MIRA 12:7)

POGREBNIYAK, I.I.

Bottom vegetation of the Dniester Liman and the lower course of the
Dniester River. Mat. po gidrobiol. i rybol. lim. severozap. Kricher.
no.2:63-74 '53. (MIRA 12:8)

(Dniester Liman--Fresh-water flora)

(Dniester River--Fresh-water flora)

FOGREBNIYAK, I. I.

"Phytobenthos of the Dnepr Estuary".

Tr In-ta Gidrobiol AN SSSR, No 31, 1953, pp 154-189.

Detailed characteristics of the flora composition, of the plant group composition, of the dimensions of the biological mass, and of the seasonal development of water plants are given. The vegetation differs according to the character of the water: 1. Western part of the estuary-- the group *Cladophora glomerata* including many species of green algae, (*Cladophora gracillis*, *Enteromorpha compressa*, *E. intestinalis*, *Spirogyra* sp. sp., *Spirulina*, etc.), and diatomous algae, predominates. 2. Middle part of the estuary--the composition of the vegetation is the same in general, but the marine form is encountered less frequently. 3. Eastern part of the estuary--the muddy-sandy part is occupied by the group *Vallisneria spiralis-Naja marina*, along with the higher plants and algae which accompany them. *Nymphoides peltate* was encountered on the muddy bottom. In May and June, 123 species of algae and 25 higher plants were found. The assumption arises that the vegetation of the estuary may change in connection with the construction of the Kakhovsk hydroelectric station. (RZhBiol, No 10, 1955)

SO: Sum No 884, 9 Apr 1956

POGREBNIYAK, I. I.

Scientific work of the Department of Morphology and Classification
of Plants of the Odessa Mechnikov State University. Bot.zhur. [Ukr.]
12 no.2:112-113 '55. (MLRA 8:10)
(Ukraine--Botany)

POGREBNIYAK, I.I. [Pohrebniak, I.I.], dots.

Bottom vegetation in the Bug Liman. Pratsi Od. un. Ser. biol. nauk
no. 8 (vol. 147): 101-109 '57. (MIRA 12:4)
(Bug Liman--Aquatic Plants)

POGREB NYAK, I.I. [Pohrebniak, I.I.], dots.

Using certain aquatic plants as orientation marks in trawling
for Phyllophora in the Black Sea. Na dopom.sil'.hosp.
ta vyr. no.5:43-44 '58. (MIRA 13:3)

1. Kafedra sistematiki rasteniy Odesskogo gosuniversiteta.
(Black Sea--Aquatic plants)

POGREBNIYAK, I.I. [Pohrebniak, I.I.]

Research carried out by the Department of Plant Morphology
and Systematics of the Odessa University during the 40 years
of Soviet rule. Ukr.bot.zhur. 15 no.4:107-109 '58.

(MIRA 12:5)

(Ukraine--Botanical research)

POGREBENYAK, I.I. [Pohrebniak, I.I.]

Role of phyto**benthos** in the feeding of gray mullets and gobies
in some limans on the northwestern shore of the Black Sea, Naik.
zap.Od.biol.sta. no.2:104-106 '60. (MIRA 14:11)
(BLACK SEA REGION--FISHES--FOOD) (FRESH-WATER FLORA)

FOGREBNYAK, I.I.

Genesis of the bottom vegetation in the limans of the north-
western Black Sea region. Trudy Od. un. 152. Ser. geol. i geog.
nauk no.9:173-179 '62. (MIRA 17:6)

POGROMSKIY, Ivan Ivanovich; YANTOVSKIY, I.A., inzh., red.

[Automatic control of the utilization of industrial equipment] Avtomatizirovannyi kontrol' ispol'zovaniia oborudovaniia. Moskva, Mashgiz, 1962. 65 p. (Serii: Novoe v ekonomike i organizatsii proizvodstva, no.2) (MIRA 17:4)

BORNATSKIY, Ivan Ivanovich; TERESHCHENKO, Nikolay Aleksandrovich;
POGREBNIYAK, I.T., inzh., retsenzent; CHUMACHENKO, T.I.,
red. 1zd-va; BEREZOVYY, V.N., tekhn. red.

[Expansion of ferrous metallurgy in the Ukrainian S.S.R.]
Razvitie chernoi metallurgii Ukrainskoi SSR. Kiev, Gos-
tekhizdat, USSR, 1963. 268 p. (MIRA 17:3)

POGREBNIYAK, L. P.

6862. Pogrebnyak, L. P. Glistnyee sabolevaniya sviney. Kiyev, Izd-vo Akad. Nauk Ukr. SSR, 1954. 32s. s ill. 20sm. (Akad. nauk Ukr. SSR. Sovet Nauch. -- Tekhn. Propagandy) 10.000 ekz. 45k. -- Na ukr. yaz. -- (55-2400) 619.4:616.962

SO: Knizhnaya Letopis' No. 6, 1955

POGREBNIYAK, L.P.

Epizootology of trichina in the Ukraine. Dop AN URSR no.4:
406-410 '55. (MLRA 9:2)

1. Institut zoologii AN URSR. Predstaviv diyasny chlen AN URSR
V.G.Kas'yanenko.
(Ukraine--Trichina and trichinosis)

POGREBENYAK, L. P.

The problem of the distribution of trichinosis. Dop. AN URSS
no.5: 505-509 '55. (MLRA 9:3)

1. Institut zoologii AN URSS. Predstaviv diyshniy chlen AN URSS
V.G. Kas'yanenko.
(Ukraine--Trichina and trichinosis)

POGREBNIYAK, L.P.

The Conference of Parasitologists. Visnyk AN URSS 28
no.5:59-61 My '57. (MIRA 10:7)
(Ukraine--Parasitology)

POGREBNIYAK, L.P.

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"Parasitic copepods of fishes of the U.S.S.R." by A.P. Markevich.
Reviewed by L.P. Pohrebniak. Visnyk AN URSS 28 no.6:76-77 Je '57.
(Copepoda) (Markevich, A.P.) (MLRA 10:8)

POGREBNIYAK, L. P.

Category: USSR / Farm Animal Diseases Caused by Helminths.

V-3

Abs. Jour: Refer. Zhur-Biologiya, No 16, 1957, 72321

Author : Pogrebnyak, L. P.

Inst : Not given

Title : The Significance of the Important Helminthoses in Pigs in the Economy of Animal Husbandry.

Orig Pub: Probl. Parasitologii, Kiev, AN USSR, 1956, 180-182

Abstract: No abstract.

Card : 1/1

-8-

Pogrebnyak, L.P.
POGREBNIYAK, L.P.

Conference on the Problems in Endocrinology. *Visnyk AN* URSS 28
no.7:68 J1 '57. (MIRA 11:1)
(Ukraine--Endocrinology)

POGREBNIYAK, L.P., kandidat biologicheskikh nauk (Kiyev).

Conference on parasitology. Priroda 46 no.9:114-115 S '57.
(Ukraine--Parasitology) (MLBA 10:8)

L.P. Pogrebnik, L.P.
POGREBNIYAK, L.P.

"Copepods parasitic on fishes of the U.S.S.R." by A.P. Markevich.
Reviewed by L.P. Pogrebnik. Zool. zhur. 36 no. 10: 1588-1589 0 '57.

(MIRA 10:11)

(Parasites--Fishes)

(Copepoda) (Markevich, A.P.)

USSR/Diseases of Farm Animals - Diseases Caused by Helminths. R.

Abs Jour : Ref Zhur - Biol., No 6, 1958, 26333

Author : Pogrebnyak, L.P.

Inst : Institute of Zoology, Academy of Sciences, Ukrainian SSR

Title : Metastrongylosis in Pigs of the Ukraine.

Orig Pub : Tr. In-tu zool. AN USSR, 1957, 14, 25-27

Abstract : Diffusion and seasonal dynamics of metastrongylosis in Ukrainian conditions were investigated. The characteristic decrease in the live-stock's infected condition takes place from January to May. There follows its increase until October. Then a second decrease is observed, which is followed in turn by an increase continuing to the end of the year. The summer increase in the infected condition of the pig live-stock can be explained by the spring infection of the animals after

Card 1/2

USSR/Diseases of Farm Animals - Diseases Caused by Helminths.

R-3

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50226

Author : Pogrebnyak, L.P.

Inst : Institute of Zoology AS URSSR.

Title : The Problem of Epizootology in Ascariasis of Pigs in the Ukraine.

Orig Pub : Tr. in-ta zool. AN URSSR, 1957, 14, 28-31.

Abstract : During April and August to October ascaridac egg infestation was observed. The basic source for the invasion is the brood stock of pig herds.

Card 1/1

SOV-26-58-8-33/51

AUTHOR: Pogrebnyak, L.P., Candidate of Biological Sciences (Kiyev)

TITLE: A Conference on the Acclimatization of Amur Fishes (Soveshchaniye po akklimatizatsii amurskikh ryb)

PERIODICAL: Priroda, 1958, Nr 8, pp 115-116 (USSR)

ABSTRACT: The first conference on the acclimatization of Amur fishes in water bodies of the European part of the USSR was held in Kiyev at the beginning of February 1958. Representatives of the scientific establishments of Moscow, Leningrad, Kiyev, Riga, Kishinev, Ashkhabad, Khar'kov, Khabarovsk and other cities participated in the conference. At 3 sessions, 10 papers were delivered that dealt with problems of acclimatization, cultivation, biological particularities, parasitofauna and parasites of such fishes of the Amur as the white amur (a carp species), Hesperidae, the white bream, Dragocephalum. Special attention was devoted to the white amur and Dragocephalum. Pond cultivation of these two species increases their growth and conserves their valuable qualities. It was found out that these two species feeding on water plants can be successfully cultivated together with carps in ponds. Dragocephalum that becomes sexually mature within 3 years has

Card 1/2

SOV-26-58-8-33/51

A Conference on the Acclimatization of Amur Fishes

hatched young in the Moscow area. It has been suggested to acclimate the Amur fishes also in the natural rivers and lakes of West Russia.

1. Fishes--USSR

Card 2/2

POHREBNIYAK, L.P. [Pohrebniak, L.P.]

Scientific and industrial conference on problems of bee culture.
Visnyk AN URSS 29 no. 6:60 Je '58. (MIRA-11:7)
(Ukraine--Bee culture)

POGREBNIYAK, L.P. [Pohrebniak, L.P.], kand.biol.nauk

Conference on problems dealing with the effect of ionizing
radiation on the animal organism. Visnyk AN URSS 29 no.8:
67-68 Ag '58. (MIRA 13:6)
(Radiation--Physiological effect)

POGREBNYAK, L.P. [Pohrebniak, L.P.]

Conference on the physiology and pathology of blood circulation.
Fiziol.zhur. [Ukr.] 5 no.4:562-563 J1-Ag '59. (MIRA 12:11)
(CARDIOVASCULAR SYSTEM.—CONGRESSES)

POGREBNYAK, L.P.

Conferecne of parasitologists of the Ukrainian S.S.R. Med.paraz. i
paraz.bol. 28 no.4:508-509 J1-Ag '59. (MIRA 12:12)
(UKRAINE--PARASITOLOGY)

POGREBNIYAK, L.P. [Pohrebniak, L.P.], kand.biol.nauk

Coordinating conference on the problems of higher nervous activity.
Visnyk AN URSR 30 no.1:59-60 Ja '59. (MIRA 12:4)
(Nervous system--Congresses)

POGREBNIYAK, L.P.

Congress of Ukrainian parasitologists. Visnyk AN URSR 30 no.3:73-74
Mr '59. (MIRA 12:6)

(Parasitology--Congresses)

POGREBNIYAK, L.P. [Pohrebniak, L.P.], kand. biol. nauk

Conference on Pathology and Physiology of the Circulation of the
Blood. Visnyk AN URSR 30 no.7:62-63 J1 '59.

(MIRA 12:10)

(BLOOD--CIRCULATION)

POGREBNYAK, L.P.

All-Union Conference on the Phytoncide Problems. Zhur. mikrobiol.,
epid. i immun. 30 no. 12: 144 D '99. (MIRA 13:5)
(PHYTONICIDES)

POGREBNIYAK, L.P. [Pohrebniak, L.P.]

Conference of parasitologists. Dop.AN URSR no.2:256-258 '61.
(MIRA 14:2)

(Parasitology--Congresses)

POGREBNIYAK, L.P. [Pohrebniak, L.P.]

Morphology of larval stages in *Oesophagostomum dentatum* parasitic
in domestic swine. Dop. AN URSR no.1:128-130 '62.

(MIRA 15:2)

1. Institut zoologii AN USSR. Predstavleno akademikom AN USSR
A.P.Markevichem [Markevych, A.P.]
(Nematoda)
(Parasites--Swine)

YAREMA, A.A.; POGREBNIYAK, L.P. [Pohrebniak, L.P.]; KUZNETSOV A,
A.S., red.

[Russian-Ukrainian veterinary dictionary. 12,000 terms]
Rosiiis'ko-ukrains'kyi veterynarnyi slovyk. 12 000 ter-
miniv. Kyiv, Naukova dumka, 1964. 380 p. (MIHA 18:1)

YESIPENKO, B. Ye. [IEsypenko, B. IE]; KONDRATOVICH, M. A. [Kondratovych, M. A.]; POGREBNYAK, L. P. [Pohrebniak, L. P.], red.; DANEVICH, A. V. [Danevych, A. V.], red.-leksikograf; LIBERMAN, T. R., tekhn. red.

[Russian-Ukrainian dictionary of physiological terminology]
Rosiiis'ko-ukrains'ki slovnyk fiziologichnoi terminologii.
15000 terminiv. Kyiv, Vyd-vo Akad. nauk URSR, 1963. 201 p.
(MIRA 16:5)

(Physiology--Dictionaries)
(Russian language--Dictionaries--Ukrainian)

YESIPENKO, B. Ye [IESypenko, B. IE.]; KONDRATOVICH, M. A. [Kondratovych, M. A.]; POGREBNIYAK, L. P. [Pohrebniak, L. P.], red.; DANEVICH, A. V. [Daneyvych, A. V.], red.-leksikograf; LIBERMAN, L. P., tekhn. red.

[Russian-Ukrainian dictionary of physiological terminology; 15,000 terms] Rossiis'ko-ukrains'kyi slovnyk fiziologichnoi terminologii. 15 000 terminiv. Uklad. B. IE. IESypenko, M. A. Kondratovych, Kyiv, Vyd-vo Akad. nauk URSR, 201 p. (MIRA 16:6)

(Physiology--Dictionaries)
(Russian language--Dictionaries--Ukrainian)

CATEGORY : Forestry, Forest Biology and Typology.

ABS. JOUR : Ref zhur -Biologiya, No. 5, 1959, No. 20122

AUTHOR : Pogrebnyak, M.N.

INST. : Ukrainian Agric. Acad.

TITLE : The Condition of Outskirt Trees of Various
Wood Producing Species Investigated at the
Obodovskiy Forest Range, Bershadskiy Leskhoz.

ORIG. PUB.: Sb. stud. neuc no-issled. rabot Ukr. s.-kh.
skad., 1958, vyp. 3, 175-179

ABSTRACT : No abstract

CARD: * Vinnitskaya Oblast.
1/1

LEBEDEV, P.T., kand.veterin.nauk; BOGREN'YAK, M.P., nauchnyy sotrudnik

Loose housing of cows in Siberia. Veterinarila 41 no.3:84-86 Mr '65.
(MIRA 18:4)

1. Sibirskiy nauchno-issledovatel'skiy veterinarnyy institut.

USSR/Physiology of Plants. Photosynthesis.

Abs Jour: Ref. Zhur-Biologiya, No 1, 1958, 1132.

I-2

peated watering of the soil in the hothouse with a $KMnO_4$ and borax solution caused an increase in the chlorophyll content of the lemon leaves.

Card : 2/2

-17-

POGREBNIYAK, O.K. [Pohrebniak, O.K.]

New medical remedies. Farmatsev. zhur. 17 no.5:85-89 '62.

(MIRA 17:9)

POGREBNIYAK, P. [Pohrebniak, P.], akademik

Forests of the Ukraine. Nauka i zhyttia 8 no.4:22-26 Ap '58.
(MIRA 13:5)

1. AN USSR, predsedatel' Ukrainskogo obshchestva okhrany prirody.
(Ukraine--Forests and forestry)

POGREBNIYAK, P.S.

Role of roots and organic litter of deciduous forests in the origin
of forest-steppe soils. Dop.AN URSR no.2:55-62 '48. (MIRA 9:9)

1.Chlen-korrespondent AN URSR.
(Ukraine--Forest soils)

POGREBNIYAK, P.S.

Exchange of ash substances between trees and the soil. Dop. AN URSR
no.3:27-33 '48. (MLRA 9:9)

1. Institut lisivnitstva Akademii nauk Ukraini'koi RSR. 2. Dlysniy chlen
AN URSR.

(Trees) (Soil chemistry)

POGREBNIYAK, P.S.

Composing cenoses and cenogroups in the Botanical Garden of the
Academy of Sciences of the Ukrainian S.S.R. Trudy Bot. sada AN
URSR 1:22-28 '49. (MIRA 10:8)
(Kiev--Botanical gardens) (Ukraine--Botany--Ecology)

POGREBNIYAK, P.S.

Stalin's great plan for the transformation of nature. *Visnyk*
AN URSS 21 no.1:32-37 Ja '49. (MLRA 9:9)

1. *Diyasny chlen AN URSS.*
(Windbreaks, shelterbelts, etc.)

POGREBNIYAK F. S.,

FA 170T3

USSR/Biology - Trees, Planting
Soil Conservation

May/June 50

"Interlocking of Tops of Oaks Set Out by the Cluster Method," P. S. Pogrebnyak, Act Mem, Acad Sci Ukrainian SSR, Kiev

"Agrobiol" No 3, pp 118-123

Defends method of planting young oak trees in clusters of square meter each, 670 cluster per hectare, from criticism that tops interlock after 20-25 years. Cites advantages of method in creating shelter belts in steppe regions.

170T3

POKHITON, P.P.; ¹POHREBNIYAK, P.S., diysnyy chlen.

Distribution of potassium in forest soil profiles. Dop. AN URSR no. 3:194-197
'51. (MLRA 6:9)

1. Akademiya nauk Ukrayins'koyi BSR (for Pohrebnyak). 2. Instytut lisivnytstva
Akademiyi nauk Ukrayins'koyi BSR (for Pokhiton).
(Forest soils) (Potassium)

PORZHENKO, V.V.; ⁶POHREBNIYAK, P.S., diysnyy chlen.

Analysis of the preparations "NIUIF" and "formaldehyde-sorbent earth" for the control of cotton plant rootrot. Dop. AN URSS no. 4:287-290 '51. (MLRA 6:9)

1. Akademiya nauk Ukrayins'koyi BSR (for Pohrebnyak). 2. Ukrayins'kyy n.-d. instytut bavovnytstva, m. Kherson. (Rootrot) (Fungicides)

ARKHYPOVA, V.D.; ¹⁰POHREBNIYAK, P.S., diysnyy ohlen.

New disease of acorns. Dop. **AN URSS** no.4:297-301 '51.

(MLBA 6:9)

1. Akademiya nauk Ukrayins'koyi RSR (for Pohrebnyak). 2. Instytut yentomolohiyi ta fitopatolohiyi Akademiyi nauk Ukrayins'koyi RSR (for Arkhypova).
(Acorns--Diseases and pests)

POGOSBYAK, P.S.

Pine

Planting pine in clusters on sand, Les. i step' 4, no. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, ^{NOVEMBER 1952} ~~1953~~, Uncl.

KHRZHANOVSKYY, V.H.; ^CPOHREBNIYAK, P.S.

Effect of menilite shale on the growth and development of trees and shrubs.
Dop. AN URSR no.5:424-429 '52. (MLRA 6:10)

1. Akademiya nauk Ukrayins'koyi RSR (for Pohrebnyak).
2. L'vivs'kyy filial Akademiyi nauk Ukrayins'koyi RSR (for Khrzhanovs'kyy).
(Menilite) (Fertilisers and manures)

POGREBNIYAK, P. S., FLOROVSKIY, A. M., IL'KUN, G. M.

USSR 600

Tree Planting

"Pent-nest" method of planting. Les. khoz. 5 no. 2(41), 1952

Monthly List of Russian Accessions, Library of Congress, July 1952. UNCLASSIFIED.

1. Pogrebnik, P.S.
2. USSR (600)
4. Forest Ecology
7. Biogeocoenosis, its origin and nature., Les i step', 14, No.11, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

KOVALEVS'KYI, A.K.; POGREBNIYAK, P.S., diisnyi chlen Akademiyi nauk URSR.

Interrelation of various species of trees in deciduous forests. Dop. AN
URSRS no.4:255-258 '53. (MLRA 6:8)

1. Instytut lisivnytstva Akademiyi nauk URSR. 2. Akademiya nauk URSR (for
Pogrebnyak). (Forest ecology)

PASTERNAK, P.S.; POGREBNIYAK, P.S., diisnyi chlen Akademiyi nauk URSR.

Effect of the Siberian pea shrub on the unstable forms of nitrogen in forest soils. Dop.AN URSR no.4:259-263 '53. (MLBA 6:8)

1. Instytut lisivnyctva Akademiyi nauk URSR. 2. Akademiya nauk URSR (for Pogrebnyak). (Caragank)

SKORODUMOV, O.S.; ^oPOHREBNIYAK, P.S., diysnyy chlen.

Chemical composition of ground and lake waters of the lower Dnieper sands.
Dop. AN URSR no. 5:327-332 '53. (MLRA 6:10)

1. Akademiya nauk Ukrayins'koyi RSR (for Pohrebnyak).
(Dnieper valley--Hydrology) (Hydrology--Dnieper valley)

POGREBNAK, P.

"Planting Pine in Clusters in Sand" Tr. from Russian. p. 139, (POLAMA, Vol. 9, no. 6, June 1953, Praha, Czechoslovakia).

SO: Monthly List of East European Accessions, LC, Vol. 2, No. 11, Nov. 1953, Uncl.

POGREBNIYAK, P.S., professor, deystvitel'nyy chlen.

Lower Dnieper sands and the problem of utilizing them. Priroda 42 no.8:
56-61 Ag '53. (MLBA 6:7)

1. Akademiya nauk Ukrainskoy SSR.
(Dnieper valley--Sand dunes) (Sand dunes--Dnieper valley)

POGREBNIYAK, P.S.

ZAMORIIY, P.K., professor; vidpovidal'nyy redaktor; MARINICH, O.M., dotsent, redaktor; MUKOMEL', I.F., dotsent, redaktor; HAZAROV, V.O., professor, redaktor; POGREBNIYAK, P.S., professor, redaktor; POPOV, V.P., professor, redaktor; PIKPLI, K.P., dotsent, redaktor

[Papers on the nature and agriculture of the Ukrainian Polesye]
Narysy pro pryrodu i sil's'ke hospodarstvo Ukrain's'koho Polissia.
[Kyiv] Vyd-vo Kyivs'koho derzh.univ.iz, T.H.Shevchenka, 1955,
529 p. (MLRA 10:7)

1. Kiyev. Universitet.
(Polesye--Agriculture)

Pogrebnyak, P.S.

USSR/Forestry. Forestry and Forest Cultivation.

J-3

Abs Jour: Referat Zh.-Biol., No 6, 1957, 22584

Author : Pogrebnyak, P.S.

Inst : 0

Title : A Typological Estimate of Poorly Yielding Soils For Forest Cultivation Purposes.

Orig Pub: Tr. In-ta lesokhoz. problem AN LatvSSR, 1955, 9, 29-39

Abstract: The soil conditions of pine-growing locations of Nizhnednepr sands are described. The chief areas here are those of well-drained, poorly-developed, sandy soils with ground waters deeper than 2.5 m. The character of their morphological peculiarities is stated. The adaptation of these soils for a thick pine plantation (15-20 thousand units per hectare) was not satisfactory, in the author's opinion, for the reason that the local soil-hydrological conditions were not properly taken into account. A turf-nidus method of pine cultivation is suggested.

Card : 1/1

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LAVRINENKO, Dmitriy Danilovich; FLOROVSKIY, Anatoliy Mikhaylovich; KOVALEV-SKIY, Anton Konstantinovich; POGREBNIYAK, P.S., otvetstvennyy redaktor; GRUDZINSKAYA, O.S., redaktor izdatel'stva; SIVACHENKO, Ye.K., tekhnicheskiy redaktor

[Forest types for the Ukraine] Tipy lesnykh kul'tur dlia Ukrainy. Kiev, Izd-vo Akademii nauk USSR, 1956. 286 p. (MLRA 9:12)

1. Deystvitel'nyy chlen AN USSR (for Pogrebnyak)
(Ukraine--Forests and forestry)

KHOLODNYI, Nikolay Grigor'yevich; BELOKON', I.P., redaktor; ZEROV, D.K., redaktor; OKANENKO, A.S., redaktor; POGREBNIYAK, P.S., redaktor; HUBENCHIK, L.I., redaktor; SHILO, V.N., redaktor-izdatel'stva; SIVACHENKO, Ye.K., tekhnicheskii redaktor

[Selected works; in three volumes] Izbrannye trudy; v trekh tomakh. Kiev, Izd-vo Akademii nauk USSR. Vol.2. [Works on the physiology of plants] Raboty po fiziologii rastenii. 1956. 388 p. (MLRA 9:11)
(Botany—Physiology)

12-12-1957, 1/1

KHOLODNYI, Nikolay Grigor'yevich; BELOKON', I., redaktor; ZEROV, D.K., redaktor; OKANENKO, A.S., redaktor; POGREBNIYAK, P.S., redaktor; RUBENCHIK, L.I., redaktor; SHILO, V.N., redaktor izdatel'stva; SIVACHENKO, Ye.K., tekhnicheskiy redaktor

[Selected works; in three volumes] Izbrannye trudy; v trekh tomakh. Kiev, Izd-vo Akad.nauk USSR. Vol.3 [Works on microbiology and plant ecology] Raboty po mikrobiologii i ekologii rastenii. 1957. 525 p. (MLBA 10:7)

(Microbiology) (Botany--Ecology)

POGREBNIYAK, P.S., akademik.;SKORODUMOV. O.S.

Water regime of chernyy les soils. [with summary in English]. Dop.
AN URSR no.1:81-85 '57. (MIRA 10:4)

1. Akademiya nauk URSR (for Pogrebnyak). 2. Institut lisu AN URSR.
(Chernyy les--Soil moisture)

POGREBNIYAK, P.S.

AUTHOR: POGREBNIYAK, P.S., Member of the Academy of Science of the Ukrainian SSR, IL'KUN, G.M., SOLOPKO, A.A. PA - 3375

TITLE: The Registration of Water Expenditure by Forests with the Help of the Evaporation Gradient. (Uchet rashkoda vlagi lesom po gradientu isparyyemosti, Russian)

PERIODICAL: Doklady Akademii Nauk BSSR, 1957, Vol 113, Nr 2, pp 454 - 457 (U.S.S.R.)

ABSTRACT: In soil science, in the physiology of plants, and in forestry two methods of registering the transpiration of wood plants have come into use:
1) an indirect one - the ground balance method (Vysotskiy) and
2) a direct, physiological one (Ivanov).
Although they are sufficiently exact and the difference of their results does not exceed $\pm 5\%$, they are technically complicated and require too intense manipulation. The recently elaborated gradient measuring of the diffusion transformation of water vapor and the determination of the coefficient of the turbulent diffusion were not satisfactory. The last mentioned author suggested taking the evaporation capacity in form of an exponent which integrates the factors causing the evaporation as basis of the gradient method instead of the specific humidity and of the coefficient of the turbulent diffusion. The elementary case

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The Registration of Water Expenditure by Forests PA - 3375
with the Help of the Evaporation Gradient.

is based on the hypothesis that the evaporation process of the active surface of the investigated object is proportional to the difference of the evaporation capacity in two different heights between which the diffusion exchange takes place. A paper filter of 25 cm² was chosen as evaporation surface. The authors investigated one year old red pine seedlings and one year old stand of Canadian poplars, moreover 4 year old stands of pine and red oak groups. The evaporators were located to in the leafiest parts of the trees and 1,5 m above them. Cut off branches served as control according to Ivanov. From schedule 2 it is evident that the results of both methods are close to each other. In further investigations an additional pair of the gradient apparatuses of A.A.Solopko was used at two points: 1) open on the ground surface, 2) at the same height, covered by tar paper. In the summer of 1956 single standing pines, birch trees and oaks, 10 - 15 years old, were investigated. Transpiration was computed by means of the formula:

$$T = \pi RLU - \pi R^2 U_0 = \pi R(lU + RU_0),$$

where R - is the radius of the lower top cross-section and l - the cone constituent. Schedule 3 proves the applicability of this method. In a dense stand there is no necessity of measuring the tops of the trees. Transpiration conditions in a forest are

The Registration of Water Expenditure by Forests PA - 3375
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different to those of a single tree: in open land the gradient of the evaporation capacity increases from 1 - 2m following a straight line. In the vertical profile of the forest there are two minima of the evaporation capacity: in the air layer near to the ground and inside the top cover. As known, the daily curve of plant transpiration is comparable with the saturation deficiency. In the case under investigation the proportionality between the gradient of the evaporation capacity and the transpiration of the stand is confirmed.

(3 schedules, 6 citations from Slav publications)

ASSOCIATION: Starosel'sk Biological Station of the Research Institute of the Academy of Science of the Ukrainian SSR

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AVAILABLE: Library of Congress

Card 3/3

POGREBYAK, PROF P. S., (ACTIVE member, Acad Sci Ukr SSR)

USSR/Geophysics - Sands

Aug 53

"The Lower Dnepr Sands and the Problem of Utilizing Them," Prof P. S. Pogrebyak, Active Member, Acad Sci Ukr SSR

Priroda, No 8, pp 56-61

Describes improvement of more than 210,000 hectares of sandy soil by means of a forestation program to prevent shifting of sand.

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POGREBNIYAK, PETR STEPANOVICH

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.P7
1955

Osnovy Lesnoy Tipologii (Principles of Forest Typology) 2, Isprav. 1 Dop.
Izd. Kiyev, Akademkniga USSR, 1955.
455 p. Illus., Diagr., Tables.
At Head of Title; Akademiya Nauk Ukrainskoy SSR. Institut Lesovodstva.

POGREBNIYAK, P.S. [Pohrebniak, P.S.], akademik

Development of plant ecology in the Ukraine during 1917-1957.
Visnyk Bot.sada AN URSS no.1:11-20 '59. (MIRA 13:8)

1. AN USSR.

(Ukraine--Botany--Ecology)

SOLDATOV, Anatoliy Gavrilovich [Soldatov, A.H.], kand.sel'skokhoz.nauk;
TYUKOV, Sergey Yefimovich [Tiukov, S.IU.], uchenyy lesovod;
TURKEVICH, Nikolay Vasil'yevich [Turkeyych, M.V.], kand.biolog.
nauk; POGREBNIYAK, P.S. [Pohrebniak, P.S.], akademik, red.;
FLOROVSKIY, A.M. [Florovs'kyi, A.M.], kand.sel'skokhoz.nauk, red.;
VAS'KOVSKIY, Yu.I., red.; KVITKA, S.P., tekhn.red.

[Ukrainian forests] Lisy Ukrainy. Kyiv, Vyd-vo Ukrain's'koi
Akad.sil's'kohospodars'kykh nauk, 1960. 459 p.

(MIRA 14:1)

1. AN USSR (for Pogrebnyak).
(Ukraine--Forests and forestry)

POGREBNIYAK, P.S. [Pohrebniak, P.S.]

Protection of rare and vanishing tree and shrub species. Mat.pro
okhr.pryr.na Ukr. no.2:48-53 '60. (MIRA 13:8)
(Ukraine--Plants, Protection of)
(Trees)
(Shrubs)

POGREBNIYAK, P.S. [Pohrebniak, P.S.], akademik; GAYDUCHOK, A. [Haiduchok, O.],
red.; RIBKA, V.B. [Rybka, V.B.], red.; KLOKOVA, S.M., tekhn. red.

[Let rustling forests cover our land] Khai shumyt' zemla haiamy.
Kyiv, Molod', 1961. 88 p. (MIRA 15:7)

1. Akademiya nauk USSR, predsedatel' Ukrainskogo obshchestva po
okhrane prirody (for Pogrebnyak).
(Ukraine---Forests and forestry)

ZAGAYKEVICH, N.K., kand. sel'skokhoz. nauk; IL'KUN, G.M., kand. biolog. nauk;
~~POGREBNIYAK, P.S., akademik; RUDNEV, D.F., prof., doktor biolog. nauk;~~
FLOROVSKIY, A.M., kand. sel'skokhoz. nauk [deceased]; BREDIKHIN, A.M.,
red.; TRUKHINA, O.N., tekhn. red.

[New methods for the afforestation of rolling sands] Novye sposoby ob-
leseniia bugristykh peskov. By N.K.Zagaikevich i dr. Moskva, Gos.
izd-vo sel'khoz. lit-ry, 1961. 216 p. (MIRA 14:8)

1. AN Ukrainskoy SSR (for Pogrebnyak)
(Afforestation) (Sandy soils)

POGREBNIYAK, P.S. [Pohrebniak, P.S.]

Paleogeography of the Olesh'ye. Geog. zbir. no.4:127-144
'61. (MIRA 14:8)

(Dnieper Valley--Paleogeography)

POGREBNIYAK, P.S.

Ancient soils in Glesh ["] Trudy Od. un. 152. Ser. geol. i geog.
nauk no.9:43-46 '62. (MIRA 17:6)

POPOV, V.P., prof., otv. red.; BOGATYR, T.K., red.; DIBROVA, O.T.,
prof., red.; ZAMORIY, P.K., prof., red.; MARYNICH, O.M.,
doktor geogr. nauk, red.; POGREBNIYAK, P.S. [Pohrebniak,
P.S.], akademik, red.; PYSHKIN, B.A., red.; STAROVOYTENKO,
I.P. [Starovoitenko, I.P.], kand. geogr. nauk, red.;
KHARCHENKO, A.S., dots., red.; MEL'NIK, G.F. [Mel'nyk, H.F.],
red.izd-va; TURBANOVA, N.A., tekhn. red.

[Materials on the meteorology and hydrology of the Ukraine]
Materialy z meteorologii i gidrologii Ukrainy. Kyiv, Vyd-
vo AN URSR, 1963. 140 p. (MIRA 16:10)

1. Akademiya nauk URSR, Kiev, Ukrain's'ke geografichne to-
varystvo. 2. AN Ukr.SSR (for Pogrebnyak). 3. Chlen-korres-
pondent AN Ukr.SSR (for Pyshkin).
(Ukraine--Meteorology) (Ukraine--Hydrology)

POPOV, V.P., prof., otv. red.; BOGATYR, T.K. [Bohatyr, T.K.], red.;
DIBROVA, O.T., prof., red.; ZAMORIY, P.K. [Zamorii, P.K.],
prof., red.; MARINICH, O.M. [Marynich, O.M.], doktor geogr.
nauk, red.; POGREBNIYAK, P.S. [Pohrebniak, P.S.], akademik,
red.; PYSHKIN, B.A., red.; STAROVOYTENKO, I.P.
[Starovoitenko, I.P.], kand. geogr. nauk, red.; KHARCHENKO,
A.S., dots., red.; MEL'NIK, G.F. [Mel'nyk, H.F.], red. izd-va;
TURBANOVA, N.A., tekhn. red.

[Materials on the meteorology and hydrology of the Ukraine]
Materialy z meteorologii i gidrologii Ukrainy. Kyiv, Vyd-vo
AN URSR, 1963. 140 p. (MIRA 16:8)

1. Akademiya nauk URSR, Kiev. Ukrain's'ke geografichne tova-
rystvo. 2. AN Ukr.SSR (for Pogrebnyak). 3. Chlen-korrespondent
AN Ukr.SSR (for Pishkin).
(Ukraine--Meteorology) (Ukraine--Hydrology)

REMEZOV, Nil Petrovich, prof.[deceased]; POGREBNIYAK, Petr
Stepanovich, akademik

[Forest soil science] Lesnoe pochvovedenie. Moskva,
Lesnaia promyshlennost', 1965. 323 p. (MIRA 18:8)

1. AN Ukr.SSR (for Pogrebnyak).

POGREBNIYAK, V., inzh.-kapitan

Centralized power system. Av. i kosm. 48 no.12:13-15
D '65. (MIRA 18:11)

L 15402-66 EWT(d)/EWT(1)
ACC NR: AP6000621

SOURCE CODE: UR/0209/65/000/012/0013/0015

AUTHOR: Pogrebnyak, V. (Engineer, Captain)

30
31
32

ORG: None

TITLE: Centralized power-supply system 19, 44

SOURCE: Aviatsiya i kosmonavtika, no. 12, 1965, 13-15

TOPIC TAGS: aircraft actuating equipment, aircraft electric power equipment,
jet aircraft, airfield facility

ABSTRACT: The author describes a centralized power-supply system which can be used for the engine starting of up to 20 aircraft parked alongside each other on a 300-meter long deployment ramp (Fig. 1). The system, which makes possible a substantial economizing of short-supply cable as well as a considerable reduction in waiting time for automatic mobile starting equipment, operates on a three-conductor system, in which the two main motor generators, driven by the 380/220-volt utility mains, feed three power busses: a common minus (also used as the ground return), plus 24 volts and plus 48 volts. Modified power outlet terminals, type KPA-4, are used for the direct feed of the aircraft power systems. Because of the surge character of the current consumption during the starting sequence, the system calls
Card 1/3

L 15402-66

ACC NR: AP6000621

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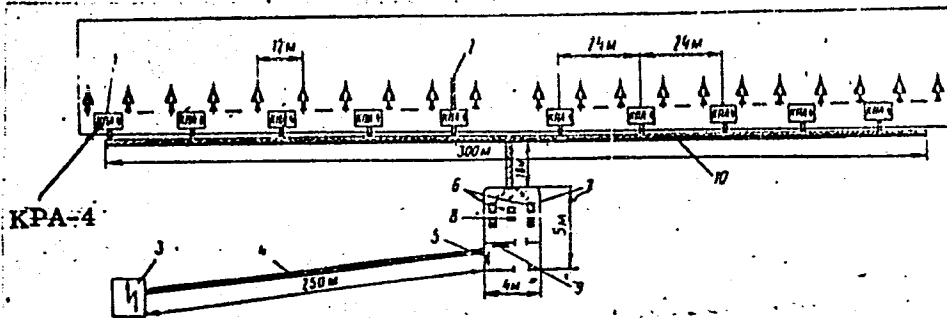


Fig. 1. Basic arrangement of the centralized power system for park-position aircraft: 1 - KPA-4 power terminal; 2 - aircraft power line; 3 - power station; 4 - 380-volt cable; 5 - control panel; 6 - AGPS motor generator units 35/27.5; 7 - distributor unit; 8 - ALA-7.5 converter; 9 - control panel V = 24/48 volts; 10 - 24/48 d-c cable.

for the simultaneous starting of the two aircraft standing to either side of one of the ten KPA-4 power outlets, with each adjacent motor fired after a ten-second delay. In this way, all the motors on the ramp can be started in 5 minutes.

Card 2/3

L 15402-66

ACC NR: AP6000621

Orig. art. has: 2 figures.

SUB CODE: 01 / SUBM DATE: none

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Card 3/3

POGREBNIYAK, V.A. [Pohrebniak, V.O.]

Stratigraphy and Foraminifera of Carboniferous sediments in the northern margin of the Donets Basin as revealed by the study of the North-Lugansk test hole. Geol.zhur. 23 no.3:23-35 '63.
(MIRA 16:9)

1. Ukrains'kiy filial VNDIPGaz.
(Donets Basin--Foraminifera, Fossil)
(Donets Basin--Geology, Stratigraphic)

DOLUDA, M.Ye.; LITVIN, S.V.; POGREBNIYAK, V.A.

Lithology and stratigraphy of the Upper Carboniferous of the transition zone between the Donets Basin and the Dnieper-Donets Lowland. Dokl.AN SSSR 145 no.6:1356-1359 Ag '62. (MIRA 15:8)

1. Ukrainskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta prirodnogo gaza. Predstavleno akademikom D.V.Nalivkinym. (Ukraine--Petrology) (Ukraine--Geology, Stratigraphic)

POGREBNIYAK, V.A. [Pohrebniak, V.A.]

Consolidation of the rural district pharmacy network. Farmatsev.
zhur. 16 no.4:66-68 '61. (MIRA 17:6)

1. Aptechnoye upravleniye Zhitomirskogo oblastnogo zdravootdela.

POGREBNIYAK, V.A.

Foraminiferal genus *Monotaxinoides* and *Eolasicoliscus*.
Paleont. zhur. no. 1:3-9 '64. (MIR 17:7)

1. Ukrainskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta prirodnogo gaza.

VITENKO, V.A [Vitenko, V.O.]; POGREBNIYAK, V.A [Pohrebniak, V.O.]; POLYAK, R.Ya.

Sediments of the Moscovian stage of the north Lugansk key well.

Geol.zhur. 21 no.3:87-93 '61.

(MIRA 14:7)

1. UkrNDGRI.

(Novoaydar District--Geology, Stratigraphic)

POGREBNIYAK, V.O. [Pohrebniak, V.O.]

New types of *Fusulina* from middle Carboniferous sediments in the northern margin of the Donets Basin. Geol. zhur. 18 no. 2:69-70 '58. (MIRA 11:7)

(Donets Basin--*Fusulina*, Fossil)

ACC NR: AR7000947

SOURCE CODE: UR/0275/66/000/011/A018/A018

AUTHOR: Isakov, V. L.; Pogrebnyak, V. P.

TITLE: Approximate analysis of traveling-wave-tube stability

SOURCE: Ref. zh. Elektronika i yeye primeneniye, Abs. 11A124

REF SOURCE: Vestn. Kiyevsk. politekhn. in-ta Ser. radiotekhn., no. 2, 1965, 31-36

TOPIC TAGS: traveling wave, traveling wave tube

ABSTRACT: Formulas are introduced for an approximate calculation of an absorber's attenuation (designed to maintain the stability of a traveling wave tube) according to the amplification required and the experimentally obtained maximum reflection factor. The absorber's effect on the magnitude of current and on the length of the self-excitation wave of the traveling wave tube is analyzed. An attenuation increase of 8 decibels makes it possible to increase the self-excitation current in the traveling-wave tube by four times. There is a bibliography with 2 titles. [Translation of abstract]

SUB CODE: 09/

[KP]

Card 1/1

UDC: 621.385.632

KARPUKHIN, V.I., kand. med. nauk (Moskva); NARYSHKINA, N.P. (Moskva);
POGREBNIYAK, V.S. (Moskva)

Surgical treatment of acute cholecystitis in the surgical
department of a hospital. Khirurgiia 40 no.3:49-54 Mr '64.
(MEDA 17:9)

KRAYTSEY, L.I.; SERGEVIN, V.V.; BENENSON, M.P.; POGREBNYAK, V.S.

Effectiveness of splenoportography in metastasis symptoms of cancer of the stomach and pancreas. Vest.khir. no.9:45-49 '61.

(MIRA 15:3)

1. Iz 3-y kafedry khirurgii TSentral'nogo instituta usovershenstvovaniya vrachey (zav. - prof. V.I. Kazanskiy) i rentgeno-radiologicheskogo otdeleniya (nach. - dotsent S.A. Sviridov) na baze TSentral'noy klinicheskoy bol'nitsy Ministerstva putey soobshcheniya. Adres avtorov: Moskva, Volokolmskoye shosse, d.34, TSentral'naya klinicheskaya bol'nitsa Ministerstvo putey soobshcheniya.

(STOMACH--CANCER) (PANCREAS--CANCER)
(SPLEEN--RADIOGRAPHY) (PORTAL VEIN--RADIOGRAPHY)

KRYLOV, G.N.; MARTYNYENKO, I.A.; POGREBNIYAK, Ye.B.; SERGEYEVA, M.K.

Independent optical method for determining the orientation
of an artificial earth satellite in space. Isk.sput.Zem.
no.14:145-153 '62. (MIRA 15:11)
(Artificial satellites--Tracking)

POGREBNIYAK, V.A.; DOLUDA, M.Ye.

Carboniferous sediments of the Shelbelinka gas field. Dokl.
AN SSSR 154 no.2:348-351 Ja'64. (MIRA 17:2)

1. Ukrainskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta prirodnogo gaza. Predstavleno akademikom D.V.
Nalivkinym.

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A001/A101

3. 7700

AUTHORS: Krylov, G. N., Martynenko, I. A., Pogrebnyak, Ye. B., Sergeyeva, M.K.

TITLE: An autonomous optical method of determining orientation of an Earth's satellite in space

SOURCE: Akademiya nauk SSSR. Iskusstvennyye sputniki Zemli. no. 14, 1962, 145 - 153

TEXT: The purpose of this investigation is determination of orientation of an Earth's artificial satellite in space from the readings of solar radiation pickups mounted on the satellite. In the first part of the article the problem of determining the vector, denoting direction from the satellite to the Sun, is solved in terms of three direction cosines. The second part deals with the problem of determining the matrix of transformation from the coordinate system "Earth" to the system of "Sputnik". As a result, the matrix was obtained, each of whose elements contained the unknown angle of turn of one system relative to the other. This angle can be determined from the reading of at least one scanning pickup whose optical system fixes the line of horizon, provided that the altitude of the
Card 1/2

POGREBNIYAK, Z. [Pohribniak, Z.], kand.sel'skokhozyaystvennykh nauk

Making planks using agricultural waste materials. *Bud.mat.i*
konstr. 2 no.1:25-27 F '60. (MIRA 13:6)
(Building materials)