

KOTOV, M.

Profitable operation of the port of Odessa. Mor.flot 19 no.9:7-9  
8 '59. (MIRA 12:11)

1. Nachal'nik Odesskogo porta.  
(Odessa--Docks)

ANDRONOV, L., dotsent; KOTOV, M., ispolnyayushchiy obyasannosti dotsenta;  
SLAPAK, M., starshiy prepodavatel'

"Organization of storage operations in sea harbors." B.G.  
Prikhod'ko. Reviewed by L.Andronov, M.Kotov, M.Slapak. Mor.  
flot 23 no.2:41-42 F '63. (MIRA 16:2)

1. Odesskiy institut inzhenerov morskogo flota.  
(Harbors) (Warehouses) (Prikhod'ko, B.G.)

MASLOV, Nikolay Nikolayevich, zasl. deyatel' nauki i tekhniki  
RSFSR doktor tekhn. nauk, prof.; KOTOV, Mikhail Fedorovich,  
kand. geol.-miner. nauk, dots.; ZINYUKHINA, Nina Vladimirovna,  
kand. tekhn. nauk, dots.; SAMSONOVA, M.T., red.izd-va; YEZHOVA,  
L.L., tekhn. red.

[Book of problems in soil mechanics with detailed answers] Za-  
dachnik po mekhanike gruntov s podrobnymi resheniami. Mo-  
skva, Gos izd-vo "Vysshaya shkola," 1963. 311 p. (MIRA 17:4)

KOTOV, Mikhail. [Ivanovich]

Hope of mankind. Kryl.rod. 2 no.5:3-5 My '51. (MLRA 10:2)

1. Otvetsvenny sekretar' Sovetskogo komiteta zashchity mira.  
(Peace)

[Not the biologist M.I. KOTOV.]

KOTOV, M.

The Soviet people are standard-bearers of peace. Sov. profsoiuzy  
16 no.21:7-10 N '60. (MIRA 13:10)

1. Otvetsvennyy sekretar' Sovetskogo komiteta zashchity mira.  
(World politics)

KOTOV, M.A., inzh.

Load distribution between drives of multiple drive conveyers.  
Nauch. dokl. vys. shkoly; gor. delo no.3:232-240 '58. (MIRA 11:9)

1. Predstavlena kafedroy rudnichnogo transporta Moskovskogo gornogo  
instituta im. I.V. Stalina.  
(Conveying machinery)

SNESHKO, Yevgeniy Ivanovich; ~~KOTOV, M.A.~~, otv.red.; D'YAKOVA, G.B., red.  
izd-va; PROZOROVSKAYA, V.L., tekhn.red.

[Mining mechanical engineering] Gornaya mekhanika. Moskva,  
Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1959. 367 p.  
(MIRA 12:12)

(Mining engineering) (Mining machinery)

KOTOV, M. A.

Cand Tech Sci - (diss) "Study of bi-cylinder drives of powerful belt ore conveyors." Moscow, 1961. 13 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Mining Institute imeni I. V. Stalin); 200 copies; price not given; (KL, 7-61 sup, 239)

KOTOV, M.A., inzh.

Relation between the eccentricity of the driving drums and the distribution of the load between the drives on belt conveyers. Izv. vys. ucheb. zav.; gor. zhur. no. 12:78-82 '59. (MIRA 14:5)

1. Moskovskiy gornyy institut imeni Stalina.  
(Conveying machinery)

SHAKHMEYSTER, L.G., kand. tekhn. nauk; KOTOV, M.A., kand. tekhn. nauk; KOST, G.N.,  
kand. tekhn. nauk; KOLOYAROV, V.K., inzh.; SAMOYLYUK, V.N., inzh.

Industrial testing of the ERU-900 conveyor. Ugol' 40 no. 3:37-41  
Mr '65. (MIRA 18:4)

KOTOV, Mikhail

The great assembly of the advocates of peace. Sov.profsoliuzy 18  
no.12:7-12 Je '62. (MIRA 15:6)

1. Otvetstvennyy sekretar' Sovetskogo komiteta zashchity mira.  
(Peace) (Disarmament)

KOST, G.N., kand. tekhn. nauk; KOTOV, M.A., kand. tekhn. nauk; KOLOYAROV,  
V.K., inzh.; BELGRUDOV, Yu.V., inzh.

Experimental testing of the KL-2 belt conveyor. Nauch. soob.  
IGD 26:70-48 '65. (MIRA 18:9)

D'YAKOV, V.A., inzh.; KOTOV, M.A., kand. tekhn. nauk

Problem of selecting a means of conveyor transportation in coal  
mining by short walls with remote control of the equipment. Nauch.  
soob. IGD 26:48-61 '65. (MIRA 18:9)

KOTOV, G.A., inzh. tekhn. nauk; GRIGOR'YEV, Yu.I., inzh.

Investigating dynamic fatigue stress of a belt, Nauch. soob. IGD  
26:74-82 '65. (MIRA 18:9)

KOTOV, M.A., kand. tekhn. nauk; MONASTYRSKIY, D.Sh., aspirant

Determining the strength of rubberized-fabric conveyer belts. Nauch.  
soob. IGD 26:83-88 '65. (MIRA 18:9)

D'YAKOV, V.A., inzh.; KOTOV, M.A., kand. tekhn. nauk

Operating conditions of the drive drum of a belt conveyer. Nauch.  
soob. IGD 26:116-129 '65. (MIRA 18:9)

KOZHARINOV, V.V., inzh.; KOTOV, M.B., inzh.; LEVIN, L.E., inzh.; YAKUB, Yu.A.,  
inzh.

Standardization of the structural designs of 35 and 110 kv. outdoor  
power distribution systems. Elek.sta.33 no.1:45-51 Ja '62.

(MIRA 15:3)

(Electric power distribution)(Electric substations)

KOTOV, M. I. (Co-author)

See: YUDIN, V. M.

Yudin, V. M. and Kotov, M. I. "The effect of feed factors on the quality of the young of karkul sheep," Karakulevodstvo i zverovodstvo, 1949, No. 2, p. 9-18.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

KOTOV, M., dotsent

The present system of the operation indices of ports does not meet modern demands. Mor. flot 25 no.2:5-6 F '65.

(MIRA 18:4)

1. Zamestitel' predsedatelya pravleniya Nauchno-tekhnicheskogo obshchestva vodnogo transporta Chernomorskogo basseyna.

1. КОТОВ, М. И.
2. USSR (600)
4. Karakul Sheep
7. Economic significance of the looseness of skin in karakul lambs. Kar. i zver 6 no. 1, 1953

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

**KOFOV, M.I.**

Variability of live weight and the level of skeletal development in  
Karakul rams at the time of birth. Trudy Inst. morf. shiv. no.22:209-  
218 '57. (MIRA 11:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhivotnovodstva.  
(Karakul sheep) (Skeleton) (Lambs)

AFANAS'YEV, D.Ya.; BILYK, G.I.; KISTYAKOVSKIY, A.B.; KOTOV, M.I., laureat  
Stalinskoy prezii; KONDRATYUK, Ye.H., kandidat biologicheskikh nauk,  
otvetstvennyy redaktor; NEMIROVSKIY, R.M., redaktor; SIVACHENKO,  
Ye.K., tekhnicheskiy redaktor

[Plant and animal world of the southern Ukraine and the northern  
Crimea] Rastitel'nyi i zhivotnyi mir Iuga Ukrainskoi SSR i Severnogo  
Kryma. Kiev, Izd-vo Akademii nauk USSR, 1952. 87 p. (MIRA 10:2)  
(Ukraine--Botany) (Ukraine--Zoology)  
(Crimea--Botany) (Crimea--Zoology)

*Kotov, M.I.*

NAZAROV, M.I. [deceased]; KOTOV, M.I.; GERZHEDOVICH, P.I.; BRADIS, E.M.

Willow family (Salicaceae Lindl.). Flora URSS 4:17-86 '52.

(Ukraine--Willows)

(MLRA 7:12)

*Kotov, M.I.*

LONACHEVSKIY, O.O. [deceased]; KOTOV, M.I.

Walnut family (Juglandaceae Lindl.). Flora USSR 4:86-93 '52.  
(Ukraine--Walnut) (MLRA 7:12)

LOHACHEVS'KIY, O.O. [deceased]; KOTOV, M.I.

Elm family (Ulmaceae Mirbel.). Flora URSS 4:138-150 '52. (MIRA 7:12)  
(Ukraine--Elm)

KOTOV, M. I.

LONACHEVS'KIY, O.O.[deceased]; KOTOV, M.I.

Mulberry family (Moraceae Lindl.). Flora URSR 4:150-160 '52. (MLRA 7:12)  
(Ukraine--Mulberry)

LONACHEVS'KIY, O.O. [deceased]; KOTOV, M.I.

Nettle family (Urticaceae Engl.). Flora URSR 4:160-170 '52.  
(Ukraine--Nettles) (MIRA 7:12)

*Kotov, M.I.*

VASIL'CHENKO, I.T.; MEFERT, V.V. [deceased]; KOTOV, M.I.

Amaranth family (Amaranthaceae Juss.). Flora USSR 4:400-414 '52.  
(Ukraine--Amaranth) (MIRA 7:12)

KOTOV, M.I.; GRIN', F.O.

Stalin plan for transformation of nature and the participation of botanists  
of the Ukrainian S.S.R. in its realization. Bot.zhur.[Ukr.] 9 no.1:3-8 '52.  
(MLBA 6:11)

1. Institut botaniki Akademii nauk Ukrain's'koi RSR.  
(Ukraine--Botany, Economic) (Botany, Economic--Ukraine)

КОГОВ, М. И.

1. АФАНАСЬЕВ, В. Я., НИСТЯВСКИЙ, А. П., КОГОВ, М. И.
2. "СР (600)
4. Grimsa - Biology
7. "Plant and animal life of the southern Ukraine and northern Crimea." Reviewed by I. I. Iuzina, Sov. kinz No. 3, 19 3.

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

KOTOV, M.I.

Mustard family--Cruciferae Juss. Flora URSR 5:203-429 '53.  
(Ukraine--Mustard)

KOTOV, M.I.; HRYN, F.O.

Selection of tree and shrub varieties for shelterbelts in the Ukrainian  
S.S.R. Bot.zhur.[Ukr.] 10 no.1:3-22 '53. (MLHA 6:8)  
(Ukraine--Windbreaks, shelterbelts, etc.) (Windbreaks, shelterbelts, etc.  
--Ukraine)

KOTOV, M.I.

Flora of Cretaceous outcrops in the Northern Donets Basin within the Ukrainian S.S.R. in connection with their geological age and composition. Bot. zhur. [Ukr.] 10 no.2:46-54 '53. (MLRA 6:6)

1. Instytut botaniky AN URSR. Viddil vyshchykh rosllyn.  
(Donets Basin - Paleobotany)

KOTOV, M.I.

ZEROV, D.K., redaktor; KOTOV, M.I., professor, doktor biologichnikh nauk;  
KLOKOV, M.V., professor, doktor biologichnikh nauk; VISYULINA, O.D.  
kandidat biologichnikh nauk; BARBARICH, A.I., kandidat biologichnikh  
nauk; KRILOVSKAYA, N.S., tekhredaktor

Rose family. A.I. Barbarich and others. Flora URSR no. 6:5-300 '54.  
(MIRA 8:11)

1. Diysniy chlen Akademii nauk URSR (for Zerov)  
(Ukraine--Roses)

*Kotov M.I.*

ZEROV, D.K., redaktor; KOTOV, M.I., professor, doktor biologichnikh nauk;  
KLOKOV, M.V., professor, doktor biologichnikh nauk; VISYULINA, O.D.  
kandidat biologichnikh nauk; BARBARICH, A.I., kandidat biologichnikh  
nauk; KRILOVSKA, N.S., tekhredaktor

Legume family. A.I. Barbarich and others. Flora URSS no. 6: 301-573  
'54. (MLRA 8:11)

1. Dlysniy chlen Akademii nauk URSS (for Zerov)  
(Ukraine--Leguminosae)

KOTOV, M.I.

"Essential oils of U.S.S.R. flora." M.I. Goriaev. Reviewed by M.I.  
Kotov. Bot.zhur.[Ukr.] 11 no.1:115 '54. (MLBA 8:7)  
(Essences and essential oils) (Goriaev, M.I.)

KOTOV, M.I.

Notes on some new and interesting plants of the Carpathian Mountain  
Region. Bot.zhur.[Ukr.] 11 no.3:113-115 '54. (MLRA 8:7)

1. Institut botaniki AN URSR, viddil vishchikh roslin  
(Carpathian mountain region--Botany)

KOTOV, M.I.

New species of the figwort family (Scrophulariaceae) in the flora of  
the Ukraine. Bot.zhur.[Ukr.] 11 no.4:66-69 '54. (MIRA 8:7)

1. Institut botaniki AN URSR, viddil vishchikh roslin.  
(Ukraine--Figwort)

KOTOV, M.I.

Milkwort family, Flora URSS 7:99-113 '55, (MIRA 9:7)  
(Ukraine--Milkwort)

KOTOV, M.I.

Cashew family. Flora USSR 7:185-192 '55. (MIRA 9:7)  
(Ukraine--Cashew)

KOTOV, M.I.

Stafftree family. Flora URSR 7:192-204 '55. (MIRA 9:7)  
(Ukrains--Stafftree)

KOTOV, M.I.

Bladdernut family. Flora URSR 7:204-208 '55. (MIRA 9:7)  
(Ukraine--Bladdernut)

KOTOV, M.I.

Maple family. Flora URSS 7:208-226 '55. (MIRA 9:7)  
(Ukrains--Maple)

KOTOV, M.I.

Buckeye family. Flora URSR 7:226-229 '55. (MIRA 9:7)  
(Ukraine--Horsechestnut)

KOTOV, M.I.

Mezeron family. Flora URSR 7:382-388 '55. (MLRA 9:7)  
(Ukraine--Mezeron)

KOTOV, M.I.

Ginseng family. Flora USSR 7:459-460 '55. (MIRA 9:7)  
(Ukraine--Ginseng)

KOTOV, M.I.

Carrot family. Flora URSS 7:460-618 '55. (MIRA 9:7)  
(Ukraine--Ammiaceae)

KOTOV, M.I.

Dogwood family. Flora URSR 7:618-627 '55. (MIRA 9:7)  
(Ukraine--Dogwood)

KOTOV, M. I.

Critical observation concerning certain species of the figwort family of the Ukraine S.S.R. Bot.zhur. [Ukr.] 12 no.1:73-77 '55.  
(MLRA 8:9)

1. Institut botaniki AN URSR, viddil vishchikh roslin  
(Ukraine--Figwort)

KOTOV, M. I.

Review of T.S.Geideman's book "Guide to plants of the Moldavian S.S.R." Reviewed by M. I.Kotov. Bot.zhur.[Ukr.] 12 no.1:109-110 '55.  
(MLRA 8:9)

(Moldavia--Botany) (Geideman, T.S.)

*M. I. Kotov*  
KOTOV, M. I.

Peculiarities of flora of the border zones of Opol'ye and the  
Volhynia forested steppe. Bot.zhur.[Ukr.] 12 no.3:78-90 '55.  
(Ukraine--Steppe flora) (MIRA 8:11)

*Kotov, M.I.*

KOTOV, M. I.

"Flora of the central zone of European Russia." P.F.Maevskii.  
Reviewed by M.I.Kotov. Bot.zhur.[Ukr.] 12 no.3:108-110 '55.  
(Botany) (Maevskii, P.F.) (MLRA 8:11)

KOTOV, M.I.

New plant species from the Crimea. Ukr. bot. zhur. 13 no.3:49-54 '56.

(MLRA 9:11)

1. Institut botaniki Akademii nauk URSS, viddil vishchikh roslin.  
(Crimea--Botany)

KOTOV, M.I.

The stonecrop *Sedum reflexum* L. in the Ukrainian Polesye. Ukr. bot. zhur.  
13 no. 1: 92-94 '56. (MIRA 9:9)

1. Institut botaniki AN URSR, Viddil vishchikh roslin.  
(Polesye--Stonecrop)

KOTOV, M.I.

"Using the geobotanical method in geological and hydrogeological  
research." S.V.Viktorov. Reviewed by M.I.Kotov. Ukr.bet.zhur.13  
no.1:111-113 '56. (MLRA 9:9)  
(Phytogeography) (Geology)

KOTOV, M.I.; KHARKEVICH, S.S.

Protection of nature in the Ukrainian S.S.R. and tasks of botanists.  
Ukr.bot.zhur.13 no.2:3-14 '56. (MIRA 9:9)

1.Botanichna saktsiya Ukrains'kogo tovaristva okhoroni prirodi.  
(Ukraine--Wild life, Conservation of)

KOTOV, M.I.

Vegetation of Karadag and its environs. Ukr.bot.zhur.13 no.4:32-  
40 '56. (MIRA 10:1)

1. Institut botaniki Akademii nauk URSR, viddil vishchikh roslin.  
(Karadag region--Botany)

KARNAUKH, Ye.D. [Karnaukh, I.E. D.]; KOTOV, M.I.

Primrose family - Primulaceae Vent. Flora URSR 8:72-128 '57.  
(MIRA 11:6)

(Ukraine--Primroses)

KOTOV, M.I.

Ebony family - Ebenaceae Vent. Flora URSS 8:181-187 '57. (MIRA 11:6)  
(Ukraine--Ebony)

KOTOV, M.I.

"Geobotanical map of the U.S.S.R." Reviewed by M.I. Kotov. Ukr.  
bot. zhur. 14 no.2:113-114 '57. (MLBA 10:8)  
(Phytogeography--Maps)

KOTOV, M.I.

Systematics of higher plants and study of the flora of the  
Ukraine during the years of Soviet regime. Ukr.bot.zhur. 14  
no.3:6-11 '57. (MIRA 10:10)  
(Ukraine--Botanical research)

KOTOV, M.I.

KOTOV, M.I.

"Vegetation of the eastern Crimean upland and its economic utilization" by L.A. Privalova ("Trudy" of the Nikitskiy State Botanical Garden, vol.26, 1956. Reviewed by M.I. Kotov). Ukr.bot.zhur. 14 no.3:107-108 '57. (MIRA 10:10)

(Crimea--Botany, Economic)  
(Privalova, L.A.)

KOTOV M.I

USSR / Farm Animals. Small Horned Stock:

Q-2

Abs Jour: Ref Zhur-Biol., No 23, 1958, 105682.

Author : Kotov, M. I.  
Inst. : Institute of Morphology of Animals, AS USSR.  
Title : On the Variability of the Live Weight and Level  
of the Development of the Skeloton in the Kara-  
kul Ram Lambs at Birth.

Orig Pub: Tr. In-ta morfol. zhivotnykh AN SSSR, 1957, vyp.  
22, 209-218.

Abstract: The ram lambs were killed on the day of birth.  
Their weight before slaughtering ranged from 1.1  
to 6.5 kg. In lambs with small live weight the  
absolute weight of the skeleton was light. The  
bones were thin and delicate. As compared with  
the live weight of lambs the skeloton had rel-  
atively higher weight. The difference in weight

CHOPIK, Vladimir Ivanovich; KOTOV, M.I., doktor biolog.nauk, red.;  
NERUSH, A.I., red.; KORMILO, M.T., tekhn.red.

[Flora and vegetation of the western part of the Ukrainian  
Carpathians and their economic significance] Flora i roslynnist'  
zakhidnoi chastyny Ukrains'kykh Karpat ta ikh narodnohospodars'ke  
znachennia. Kyiv, Vyd-vo Akad.nauk URSR, 1958. 56 p. (MIRA 12:4)  
(Carpatnian Mountains--Botany)

KOTOV, M.I.

V.I.Taliev, an outstanding promoter of the protection of  
nature in the Ukraine. Mat.pro okhor.pryr.na Ukr. no.1:  
130-132 '58. (MIRA 13:3)  
(Taliev, Valerii Ivanovich, 1872-1932)

KOTOV, M.I.

New and rare plants of the Crimea [with summary in English].

Ukr. bot. zhur. 15 no.2:66-73 '58.

(MIRA 11:6)

1. Institut botaniki AN URSR, viddil vishchikh roslin.

(Crimea--Botany)

KOTOV, M.I.

"Guide to higher plants of the European part of the U.S.S.R."  
S.S. Stankov, V.I. Taliev. Reviewed by M.I. Kotov. Ukr. bot.  
zhur. 15 no.2:108-109 '58. (MIRA 11:6)  
(Botany) (Stankov, S.S.) (Taliev, V.I.)

KOTOV, M.I.

*Erucastrum* species recorded in the flora of the Ukraine [with  
summary in English] Ukr.bot.zhur. 15 no.3:83-86 '58. (MIRA 11:12)

1. Institut botaniki AN USSR, otdel vysshikh rasteniy.  
(Ukraine--*Erucastrum*)

SMIRNOV, Anatoliy Nikolayevich, doktor biolog.nauk; KOTOV, Mikhail Ivanovich, doktor biolog.nauk; PUZANOV, Ivan Ivanovich, prof., doktor biolog.nauk; D'YAKONOV, Aleksandr Mikhaylovich [deceased]; GRISHCHENKO, Dmitriy Lukich; BRAGINSKIY, L.P., red.izd-va; KHYLOVSKAYA, N.S., tekhn.red.

[Karadag; popular science studies] Karadag; nauchno-populiarnye ocherki. Kiev, Izd-vo Akad.nauk USSR, 1959. 107 p.

(MIRA 13:5)

(Karadag (Crimea)--Physical geography) (Black Sea--Marine fauna)  
(Karadag (Crimea)--Marine laboratories)

POVARNITSYN, Vladimir Alekseyevich [Povarnitsyn, V.O.]; KOTOV, M.I.,  
doktor biolog.nauk, otv.red.; LYSEMKO, F.V., red.izd-va;  
MATVIYCHUK, O.O., tekhn.red.

[Forests of the Ukrainian Polesye] Lisy ukrains'koho Polissia.  
Kyiv, Vyd-vo Akad.nauk URSR, 1959. 206 p. (MIRA 13:3)  
(Polesye--Forests and forestry)

KOTOV, M.I.

New essential oil plants for cultivation in the flora of the  
Ukrainian S.S.R. Trudy Bot.inst.Ser.6 no.7:85-87 '59.  
(MIRA 13:4)

1. Institut botaniki AN USSR, Kiyev.  
(Ukraine--Aromatic plants)

KOTOV, M.I.

"Vegetation of the highlands of Babuğan and Chatyr-dag" by  
L.A.Privalova. Reviewed by M.I.Kotov. Ukr.bot.zhur. 16  
no.3:106-107 '59. (MIRA 12:8)  
(Chatyr-dag--Botany) (Babugan-yayla--Botany) (Privalova, L.A.)

KOTOV, M.I.

Alexander Humboldt; on the hundredth anniversary of his death.  
Ukr.bot.zhur. 16 no.6:99-100 '59. (MIRA 13:5)  
(Humboldt, Alexander, 1769-1859)

KOTOV, M.I.

Steppe vegetation in the southeastern part of Lugansk Province.  
Nat.pro.ekhor.pryr.na Ukr. no.2:54-60 '60. (MIRA 13:8)  
(Lugansk Province--Steppe flora)

KOTOV, M.I.; KORNEEV, O.P. [Kornisiev, O.P.]

V.G.Averin as an outstanding promoter of the protection of nature.  
Mat.pro okhor.pryr.na Ukr. no.2:111-113 '60. (MIRA 13:8)  
(Averin, Viktor Grigor'evich, 1855-1955)

~~KOTOV, M.I.~~

Alpine vegetation in the southeastern part of the central Tien Shan.  
Probl. bot. 5:218-224 '60. (MIRA 13:10)

1. Institut botaniki AN UkrSSR, Kiyev.  
(Tien Shan--Alpine flora)

KOTOV, M.I.

Modest Mykhailovych Illin; on his 70th birthday and the 45th anniversary of his work as a scientist. Ukr.bot.zhur. 17 no.1:91-92 '60. (MIRA 13:6)

(Illin, Modest Mykhailovych, 1889-)

KOTOV, M.I.

Importance of Charles Darwin's ideas for the development of  
phytogeography. Ukr.bot.zhur. 17 no.1:97-102 '60. (MIRA 13:6)

1. Institut botaniki AN USSR, otdel vyeshikh rasteniy.  
(Darwin, Charles Robert, 1809-1992)  
(Phytogeography)

KOTOV, M. I.; PROTOPOPOVA, V. V.

Discovery of the Crimean orchid (*Himantoglossum caprinum* (M.B.)  
Spreng.) in the Caucasus. *Ukr.bot.zhur.* 17 no.2:77-82 '60.  
(MIRA 13:11)

1. Institut botaniki AN USSR, otdel vysshikh rasteniy.  
(Caucasus--Orchids)

KOTOV, M.I.

*Gypsophila scorzonerifolia* Ser., a new plant in the flora of the  
Ukrainian S.S.R. Ukr. bot. zhur. 17 no.4:75-79 '60. (MIRA 13:9)

1. Institut botaniki AN USSR. Otdel vysshikh rasteniy.  
(Slavyansk--Gypsophila)

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the ppts on the filter in water of 60-70° with addn. of NH<sub>3</sub>, treatment with HNO<sub>3</sub>, heating and detn. of the NaCl by the Volhard method. ALFRED HUBNER

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The application of synthetic tanning substances for youfte leather. M. Kotov. *Koskovana-Obumaya Prom. S. S. S. R.* 13, 291-3 (1934).—The theoretical part of the tanning problem with "Bestan AS" is discussed, with the conclusion that the surface of the leather should not have an excess of Cr which is permissible at an originally high  $pH$ . It is advisable to have a high  $pH$  of the hide and a low  $pH$  of the tanning soln. or the  $pH$  of both must be sufficiently high. The  $pH$  of the hide should be 4-5 because this permits the highest adsorption of Cr. Consequently the soln. should have an original  $pH$  of 3.5, which increases gradually during the process, and the tanning can be continued at a  $pH$  of 4-4.2. This, however, prevents a simultaneous utilization of the sulfonic acids and the Cr. However, if the adsorption of Cr is stressed, then the total adsorption will be lowered because of the conversion of part of the sulfonic acids into salts. By increasing the adsorption of sulfonic acids that of Cr is lowered. A. A. B.

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