

Contents

Vol. 48, No. 6, 2015

A simultaneous English language translation of this journal is available from Pleiades Publishing, Ltd.
Distributed worldwide by Springer. *Eurasian Soil Science* ISSN 1064-2293.

Genesis and Geography of Soils

Soils of Slopes in the Taiga Zone of the Middle Ob Reaches

N. A. Karavaeva and T. A. Sokolova 555

Soils of the Southwestern Part of the Dzhulukul Depression in the Altai Republic

N. V. Gopp 567

Soil Chemistry

Polycyclic Aromatic Hydrocarbons in the Soils of Moscow

E. A. Belinskaya, G. V. Zykova, S. Yu. Semenov, and G. G. Finakov 578

Metals in the Soils of a Small Watershed in the Forest-Steppe Zone
of the Central Russian Upland

O. A. Samonova, A. N. Gennadiev, T. S. Koshovskii, and A. P. Zhidkin 584

Amino Acid Composition of Humic Substances in Tundra Soils

R. S. Vasilevich and V. A. Beznosikov 593

Soil Physics

Contact Angles of Wetting and Water Stability of Soil Structure

*V. A. Kholodov, N. V. Yaroslavtseva, M. A. Yashin, A. S. Frid,
V. I. Lazarev, Z. N. Tyugai, and E. Yu. Milanovskiy* 600

Soil Biology

Specific Features of Determination of the Net Production of Nitrous Oxide by Soils

*N. D. Ananyeva, K. V. Ivashchenko, E. V. Stolnikova,
A. L. Stepanov, and V. N. Kudryarov* 608

Bacterial Communities in the Fruit Bodies of Ground Basidiomycetes

Yu. A. Zagryadskaya, L. V. Lysak, and I. Yu. Chernov 620

Agricultural Chemistry and Soil Fertility

The Impact of Mineral Fertilizers and Lime on the Transformation of Humic Acids
in a Soddy-Podzolic Heavy Loamy Soil of the Cis-Ural Region

N. E. Zav'yalova 627

The Content of Available Mineral Phosphorus Compounds in Chestnut Soils
of Northern Mongolia upon Application of Different Forms of Phosphorite

L. L. Ubugunov, B. Enkhtuyaa, and M. G. Merkusheva 634

Degradation, Rehabilitation, and Conservation of Soils

Secondary Successions of Biota in Oil-Polluted Peat Soil upon Different Biological
Remediation Methods

*E. N. Melekhina, M. Yu. Markarova, T. N. Shchemelinina,
E. M. Anchugova, and V. A. Kanev*

643

Triad Method for Assessing the Remediation Effect of Humic Preparations on Urbanozems

M. A. Pukalchik, V. A. Terekhova, O. S. Yakimenko, K. A. Kydratieva, and M. I. Akulova

654

Current Stage of the Restoration of Chernozems in Rangeland Ecosystems of the Steppe Zone

A. M. Rusanov

664
