

Contents

Vol. 44, No. 12, 2011

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

Formal Apparatus of Soil Classification <i>V. A. Rozhkov</i>	1289
Palevye (Pale) Soils of Central Yakutia: Genetic Specificity, Properties, and Classification <i>R. V. Desyatkin, S. N. Lesovaya, M. V. Okoneshnikova, and T. S. Zaitseva</i>	1304
Geochemical Characterization of Loess—Soil Complexes on the Terek—Kuma Plain and the Azov—Kuban' Lowland <i>P. I. Kalinin and A. O. Alekseev</i>	1315

Soil Chemistry

Interaction of Different Humic Acid Fractions from Clayey Soddy-Podzolic Soils with Calcium <i>L. G. Bakina and V. F. Drachko</i>	1333
Spatial Distribution of Heavy Metals in Soils of the Bafra Plain in Turkey <i>R. Kizilkaya, O. Dengiz, M. A. Ozyazici, T. Askin, F. Mikayilov, and E. V. Shein</i>	1343

Soil Physics

The Carbonate Profile and Water Regime of Migrational-Mycelial Chernozems in Different Ecosystems of Kursk Oblast <i>S. V. Ovechkin and G. S. Bazykina</i>	1352
Physical Properties and Spatial Distribution of the Plowpan in Different Arable Soils <i>V. V. Medvedev</i>	1364

Soil Biology

Assessment of the Living and Total Biomass of Microbial Communities in the Background Chestnut Soil and in the Paleosols under Burial Mounds <i>T. E. Khomutova, N. N. Kashirskaya, and V. A. Demkin</i>	1373
Symbiotic Nitrogen Fixation in the Alpine Community of a Lichen Heath of the Northwestern Caucasus Region (the Teberda Reserve) <i>M. I. Makarov, T. I. Malysheva, A. A. Ermak, V. G. Onipchenko, A. L. Stepanov, and O. V. Menyailo</i>	1381

Book Reviews

A Series of Proceedings on the Role of Soils in the Biosphere <i>L. A. Gugalinskaya and V. M. Alifanov</i>	1389
Soil Formation on the Verge of the Possibility of Omnipresent Life <i>L. O. Karpachevskii</i>	1395
Problems of Soil Reclamation in the Nonchernozemic Zone <i>I. I. Sudnitsin</i>	1397

Chronicle

The All-Russia Scientific Conference Modern Soil Classifications and Problems
of Their Regional Adaptation

V. A. Semal, O. V. Nesterova, and A. S. Vladychenckii[†]

1399

Jubilees

Lev Oskarovich Karpachevskii is 80

1401

Author Index to Volume 44, 2011

1404
