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In this issue

Research Article

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Eco-evolutionary dynamics of intergenomic epistatic QTLs under slight and hard multilevel selections in community genetics

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Eco-evolutionary community genetics refers to the study of population genetics at multispecies levels since a single species evolves genetically through interactions with other species. The aim of this paper is dynamical modeling of interspecific quantitative trait loci (QTL) under slight and hard multilevel selection to investigate eco-evolutionary genetic relationsh ...

Abstract View Full Article View DOI: 10.17352/gje.000055

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Search for the dispatch schedule optimal configuration for managing releases of the complex “Lake Baikal - Irkutsk Reservoir”

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Author(s): Alexander Leonidovich Buber * and Vladimir Buber

The article considers methods for constructing optimal (in the Pareto sense) coordinates of the dispatch schedules for managing releases for the water management complex “Lake Baikal - Irkutsk Reservoir”. Statistical reliability criteria such as the number and depth of violations are used as optimization criteria. The construction of the optimal dispatch schedule is c ...

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An ethno-botanical study of medicinal plants in Dilla Zuria Woreda of Gedo Zone, Southern Ethiopia

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The present study was carried out to investigate the diversity and use of medicinal plants, and to document the indigenous knowledge of the local community. The typical ethnobotanical methodologies were applied during the study. Eighty-one informants were selected by the preferential sampling of which 61 were males and 20 were females. The selected individuals were co ...

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