Contents

Review

Analysing and Modelling Forest Stand Dynamics for Practical Application —An European Review and Perspective—	1 — 17
The Structure and Biodiversity after Fire Disturbance in Larix gmelinii (Rupr.) Rupr. Forests, Northeastern Asia	19 — 29
A Trial for Reforestation After Forest Fires with Sakhalin Spruce in the Northern Most Japan	31 — 39
Biomass and Nutrients of Planted and Naturally Occurring Pinus koraiensis in	41 — 50
Regeneration after Forest Fires in mixed Conifer Broad-leaved Forests of the Amur Region in Far Eastern Russia: the Relationship between Species Specific Traits Against Fire and Recent Fire Regimes	51 — 58
Forests and Wildlife Management in Germany —A mini-review—	59 — 70
Article	
Greenhouse Gas Budget in a Larch Forest with Low Atmospheric N Deposition in Hokkaido, Northern Japan	71 — 77
N ₂ O Flux in Alas Ecosystems Formed by Forest Disturbance Near Yakutsk, Eastern Siberia, Russia	79 — 84
Ecological Stability of Brown Raw-humus Taiga Soils in Relation to Anthropogenic Influences in Northern Part of Amur Region	85 — 88
Effect of Human Activity on Carbon Balance in Meadows in a Thermokarst Depression	89 — 96
Invasion of Korean Pine (<i>Pinus koraiensis</i>) Seedlings into an Oak Forest in Korea: Biomass, Leaf Mass per Area, Chlorophyll and Nutrients	97 —104
Remote Sensing of Total and Surface Burn Ratios Following a Wildfire in East Siberia Using 30 m–1 km Resolution Images	105 —114
Research material	
Nitrogen Dynamics in Leaves of Deciduous Broad-leaved Tree Seedlings Grown	115 —119
Scientific References	
Timber Resources of the Amur Region and the Problem of their Effective	121 —124
Process of Natural Regeneration of Daurian Larch in the Gornen Forest Area in the Upper Part of Zei River, Amur, Far East Russia	125 —127
Comparative Study on Oak-tree Forests in the Zei-Burein Plain, Far East	129 —133
Planting in Parks and Gardens as a Way of Protecting Rare Forest Species in Amur State, Far East Russia	135 —138
The Structure and Distribution of Crane Roosting Sites in Muraviovka Park for Sustainable Land Use	139 —143
Brief Information of Symposium	145 —148