

CONTENT

Biedunkova O. O., Statnyk I. I., Levkivskyi R. V., Vechorka V. V., Mykhalko O. H.	Fish Biodiversity as a Reflection of Ecological Conditions in Tributors of the Middle Course of the Horyn River	3
Veremeienko S. I., Rovna H. F., Shvets M. M.	Dynamics of leaf area formation in maize crops depending on liming and fertilizer rates in the conditions of Western Polissia	22
Herasymchuk H. V.	Sanitary Condition of the Oak Forest Stands in Tsumanska Pushcha Kiverts National Nature Park	31
Hryb Y. V., Soroka V. S., Trotsiuk V. S., Voityshyna D. Y., Romenskyi M. M., Nogachevskyi Yu. V.	Water Parks in the Comprehensive System of Spatial Planning of Water Protection Activities of Local Communities	48
Hryb Y. V., Trotsiuk V. S., Voityshyna D. Y.	Activation of Counteraction Processes Against the Irreversibility of Evolution of the Organic World in the Aquatic Environment of Western Polissia, Ukraine.....	68
Hunchak M. V., Pasichnyak V. I., Hryshchenko O. M., Kolesnyk T. M.	Soil Fertility State of the Forest-Step Zone of the Chernivtsi Region	80

Klymenko M. O., Kolesnyk T. M., Soroka V. S., Nalobina O. O., Kovalchuk N. S., Holotiuk M. V.	Simulation of Changes in Soil Fertility under the Influence of Multi-Year Cultivation of Winter Wheat 94
Klymenko M. O., Borshchevska I. M., Turchyna K. P., Klymenko L. V.	Assessment of the Environmental Quality of the City of Rivne Based on Fluctuating Asymmetry Indicators 107
Klymenko M. O., Stepanenko M. A.	Methodology for the Establishment of Forest Ecosystems on Degraded Lands in the Forest- Steppe Zone of Ukraine 121
Kopii L. I., Lisovyi M. M., Novak A. A., Klymenko O. M., Fizyk I. V., Honchar V. M., Kopii M. L., Khoietskyi P. B., Kopii S. L., Ahii V. O.	Influence of Thinning Intensity on the Development of Species Composition in Oak- Pine Stands of Western Polissia 135
Kulidzhanov E. V., Martynenko V. M.	Scientific and Methodological Aspects of Agricultural Lands Agrochemical Passportization 152
Lisovyi M. M., Kopii L. I., Klymenko O. M., Fizyk I. V., Honchar V. M., Kopii S. L., Khoietskyi P. B., Kopii M. L., Ahii V. O., Hozhan M. Ya.	Influence of Sterilant Substances on the Decontamination of <i>Pinus sylvestris</i> L. Explants in Culture <i>in Vitro</i> 161

Lohvynenko I. P., Lyko D. V., Datsiuk V. V., Portukhai O. I.	Transformation of Natural Ecosystems as a Consequence of Climate Change: a Case Study of the «Kolobanky» Botanical Reserve (Rivne Oblast, Ukraine) 175
Mazepa V. H., Khoietskyi P. B., Fyzik I. V.	Productivity of Forest Stands with the Oak Participation in the Volyn State Military Forestry Enterprise 189
Moshynskyi V. S., Vozniuk S. A.	Monitoring Soil Compaction and Degradation with Satellite Data: a Review of Current Approaches and Perspectives 203
Novak A. A., Kopii L. I., Klymenko O. M., Kopii S. L.	Formation and Sanitary Felling as Indicators of the Post-Accident Condition of Forests in Ozhydiv Forestry 215
Piatkovska I. O., Matviichuk O. V., Naluznyi R. I., Sonchak A. A., Turchyna K. P.	Providing Mobile Sulfur to the Soils of the Ivano- Frankivsk Region and Ways of Overcoming Its Deficit 227
Palamarchuk R. P., Horodyska I. M., Beznosko I. V.	Trace Element Content in Sod-Podzolic Soil and Main Crop Products in a Five-Field Crop Rotation as Affected by Fertilizer Rates 239