

Content

PREFACE	8
BOTANY	
GRODZINSKAYA A.A. My father: glimpses of memory.....	19
VINOGRADOVA O.N. Diversity of blue-green algae in Ukraine: the sum and perspectives of research	27
DIDUCH Ya.P. What is Forest-Steppe?	40
DMITRIEV A.P. Signal molecules for plant defense responses to biotic stress	54
DUBYNA D.V. Contemporary state and principal tasks of higher aquatic vegetation protection in Ukraine.....	68
ZAIMENKO N., MISKIV N., IVANYTSKA B. Scientific principles of the structurally functional constructing of artificial soils.	81
ZIMAN S.N., TSARENKO O.N., BULAKH E.V., BOSCAIU M., MEDAIL F. Taxonomic revision and phylogeny of <i>Anemone</i> sect. <i>Anemone</i> (<i>Ranunculaceae</i> Juss.)	94
KORDYUM E.L., SHEVCHENKO G.V. Plant cell gravisensitivity: results and prospects ..	123
KOSAKIVSKA I.V. The modern notions about mechanisms of plant adaptation to stress: role of low molecular weight stress proteins.	136
MOSYAKIN S.L. Life strategies of wild relatives of crop plants as prerequisites of their domestication.....	150
NOVOSAD V.V. Spontaneous flora of the plains Crimea (structural-comparative analyses and statistic-analytical survey)	169
SNIZHKO V.V. Reviving of the second nature	182
TSYGANKOVA V.A., GALKINA L.A., MUSATENKO L.I., SYTNIK K.M. Molecular-genetic control of auxin signals: transmission and realization.	189
CHEREVCHENKO T.M., BUYUN L.I. Perspectives of conservation of gene pool of tropical orchids (<i>Orchiaceae</i> Juss.) in Ukraine.....	232
JURCHAK L.D., MOROZ P.A., OSIPOVA I.Yu. A through evaluation of aromatic plant's allelopathic features	247
MYCOLOGY	
GRODZINSKAYA A.A., SYRCHIN S.A., KUCHMA N.D. Higher <i>Basidiomycetes</i> as bioindicators for radiocaesium contamination of territory of Ukraine.....	263
TIDKE G., RAI M., WASSER S.P. Biotechnological potential of mushrooms: drugs and dye production	276
SELEZSKA K., BRODSKY L., MUSATENKO L., NEVO E. Growing rates of <i>Aspergillus niger</i> from different localities in Israel under salt stress	302
LATIN INDEX	314

И
Л
У
Т
и
С
А
д
У