

TABLE OF CONTENTS

目 录

The Applications of Chloroplast Genome Analysis in Plant System Development

(叶绿体基因组分析在植物系统发育中的应用)

H. ZHOU, S. L. JIN, G. LI, L. ZHANG, R. QIN, H. LIU.....1

Exogenous Ethephon and Zinc Synergistically Increased Vinblastine Levels in *Catharanthus roseus* Leaves

(外源乙烯利、锌协同促进长春花叶片中长春碱的含量)

L. JIN, M. J. GAO, Q. CHEN, X. R. GUO.....10

Research Progress in Main Alkaloids of *Phellodendron amurense* Rupr.

(黄檗中主要生物碱的研究进展)

B. L. LIAN, Y. N. HU, X. G. ZHANG, Z. Q. ZHOU.....14

Bioactivity of Oxadiazon and Oxadiargyl to 5 Weeds of Rice Paddy

(噁草酮和丙炔噁草酮对 5 种稻田杂草室内活性的比较)

Z. H. QIAN, D. PAN, L. M. SONG, J. M. ZHANG.....19

Notes on the History of the Term Monilophytes and Its Chinese Name

(Monilophytes (广义真蕨类)的概念溯源及中文定名)

J. Z. XUE, P. HUANG, Q. WANG.....23

Histochemical Observation of Polysaccharides and Lipids on the Developing Anthers of *Solanum*

photeinocarpum

(少花龙葵花药发育中多糖和脂滴的组织化学研究)

X. J. GUO, J. J. GUO, T. D. SONG, H. Q. TIAN.....27

Application of nrDNA-ITS Sequences in Plant Phylogeny and Evolution

(nrDNA-ITS 区序列在植物系统与进化研究中的应用)

X. H. LIU, L. ZHANG, G. LI, R. QIN, H. LIU.....32