

TAIWANIA

SCIENCE REPORTS OF THE BOTANY DEPARTMENT
OF THE NATIONAL TAIWAN UNIVERSITY

CONTENTS

Impacts of Water Pollution of Crop Growth in Taiwan III. The Detrimental Effects of Industrial Waste Waters from Plastic, Paper, and Petroleum Factories in Taiwan.....	1
..... CHANG-HUNG CHOU, YUEH-CHIN CHIANG and CHIN-DEE LEE... 1	
Stringent-Like Response in Soybean Seedlings.....	18
..... YIH-MING CHEN, K. T. CHANG and CHU-YUNG LIN... 18	
Comparative Study of Different Acid-Extraction of Histones from Soybean Hypocotyls..	28
..... CHU-YUNG LIN, M. W. HUANG and YIH-MING CHEN... 28	
Induction of Nitrogen Fixing (Acetylene Reduction) Activity of <i>Rhizobia</i> Growing Symbiotically and Asymbiotically with Soybean Callus Tissues....	38
..... CHI-YING HUANG... 38	
Casparian Strips in the Lattice-Work Phellem of <i>Melaleuca leucadendra</i> (L.) L.	48
..... SU-HWA TSAI CHIANG... 48	
Miocene Palynomorphs of Taiwan (V)-Angiosperm grains.....	57
..... TSENG-CHIENG HUANG... 57	
Effects of Different Numerical Techniques on Phenetic Classification of <i>Mosla</i> Complex (Labiatae) at population Level.....	104
..... WU-TSANG CHENG... 104	
Two New Records for the Flora of Taiwan.....	123
..... SHENG-YOU LU and YUEN-PO YANG... 123	
Abnormal Chromosome Segregation During Microsporogenesis in <i>Agropyron cristatum</i> ...	126
..... YUNG-REUI CHEN... 126	
Myxomycetes of Taiwan I.....	141
..... CHIN-HUI LIU... 141	
A Preliminary Survey of Uredinales on Formosan Gramineae.....	152
..... ZUEI-CHING CHEN, TIEH-LAN HU and TETSUO KOYAMA... 152	
The Boletes of Taiwan (I).....	166
..... KAI-WUN YEH and ZUEI-CHING CHEN... 166	
Additional Materials for a Rust-Flora of Taiwan.....	185
..... ZUEI-CHING CHEN... 185	

DEPARTMENT OF BOTANY, COLLEGE OF SCIENCE
NATIONAL TAIWAN UNIVERSITY
TAIPEI, TAIWAN 107,
REPUBLIC OF CHINA

國立臺灣大學
理學院植物學系
研究報告

第二十五卷

中華民國六十九年八月

目 錄

臺灣區內水污染對農作物生長之影響

III. 塑膠工廠、造紙工廠、及石油化學工廠之廢水對

農作物毒害之影響 周昌弘、江月琴、李錦地 . . . 1

大豆幼苗之 Stringent-like 反應 . . . 陳益明、張開泰、林秋榮 . . . 18

三種不同的酸萃取大豆下胚軸組蛋白之比較研究

. 林秋榮、黃美慧、陳益明 . . . 28

誘導根瘤菌產生固氮活性之研究 黃啓穎 . . . 38

白千層木栓組織內之卡氏帶 江蔡淑華 . . . 48

臺灣中新世之化石孢粉 (V)-被子植物花粉 黃增泉 . . . 57

不同表示方法對薺萼族羣外表型分類之影響 鄭武燦 . . . 104

臺灣的兩種新記錄植物 楊遠波、呂勝由 . . . 123

冠狀鵝冠草小孢子形成時之異常染色體分離 陳榮銳 . . . 126

臺灣之黏菌 I 劉錦惠 . . . 141

臺灣禾本科植物銹病菌之初步調查

. 陳瑞青、胡蝶蘭、小山鐵雄 . . . 152

臺灣之網孔革類(-) 葉開溫、陳瑞青 . . . 166

臺灣銹病菌之新資料 陳瑞看 . . . 185

國立臺灣大學理學院植物學系出版