

# 华南农学院学报 第三卷 总目录

## 第一期

中国梧桐科苹婆族 ( <i>Sterculiaceae</i> ) 植物花粉形态的研究.....	徐祥浩 龙活 何丽卿 (1)
中国马钱科分类系统研究.....	李秉滔 (14)
中国蒲葵属一新种.....	韦星伟 肖绵韵 (22)
甘蔗育苗移栽的研究	
——甘蔗叶龄、酶活性与移栽后生长关系的研究.....	龙永惠 戚经文 苏广达 (25)
水田叶轮结构分析的有限元法.....	李英才 (53)
木麻黄青枯病菌小种和菌系的鉴定.....	梁子超 陈小华 (57)
桑青枯病原细菌的鉴定.....	赖文姜 曾宪铭 谭炳安 吴国信 陈俊英 关炜燕 范怀忠 (66)
氯钾平衡与条纹型水稻赤枯病发生关系的研究.....	李华兴 (74)
鸡传染性支气管炎的研究.....	辛朝安 陈天杰 (90)
现代农业科学的发展趋势和特点.....	张俊心 薛德榕 徐思祖 (99)
家禽黄曲霉毒素中毒病 (上).....	林维庆 邝荣禄 (108)
自动加热降温谷物干燥试验简报.....	郑官杞 洪德梅 (123)

## 第二期

黄麻高产栽培理论研究	
——种植密度与群体光合性状及干物质生产.....	梁计南 罗国兴 (1)
稻纵卷叶螟防治策略的探讨 (二)	
——几种重要生态因子与种群数量的关系及海陵第二代种群动态模拟.....	庞雄飞 梁广文 (13)
木麻黄对青枯病的抗性及其与细胞膜透性和过氧化物酶同工酶关系的探讨.....	梁子超 陈柏栓 (28)
广州地区黄瓜疫病病原菌的鉴定及防治研究.....	黄健坤 戚佩坤 (36)
珠江三角洲农田防护林带结构防护效应的研究.....	徐燕千 卢一卉 张生立 (46)
广东南洋楹木材性质的研究.....	陈鉴朝 (59)
中国水牛 ( <i>Bubalus bubalis</i> ) 中枢神经系统的解剖	
二、小脑和脑干的大体解剖.....	刘舜业 梁鼎光 林宏兴 佟树发 (70)
对几种锯链金相组织的对比研究.....	柯兴彬 黄翠金 梁培文 关存核 (83)
家禽黄曲霉毒素中毒病 (下).....	林维庆 邝荣禄 (91)

## 第三期

### 特约稿件

从莽山森林探讨岭南亚热带常绿林的特征.....	张宏达 (1)
在人工授精中如何最大限度地利用遗传上优良的公畜.....	约翰·O·阿姆奎斯特 (19)

中国阔叶材管孔式类型的研究.....汪秉全(32)

水稻品种生育中期在不同氮水平条件下的谷物产量和氮素积累.....王永锐(41)

不能就甘蔗病谈甘蔗病.....王莹明(51)

\*       \*       \*

荔枝气调贮藏的研究.....陈维信  苏美霞  李沛文(54)

结球莴苣顶芽及叶片组织培养(续报).....李鹏飞  郭碧霞(62)

广东番茄花叶病毒的鉴定.....范怀忠  孙芥菲  高乔婉  张曙光  骆学海  邹丹(66)

广州郊区辣椒花叶病原病毒鉴定.....何显志  高乔婉  骆学海  范怀忠(73)

珠江三角洲农田防护林立地类型研究.....徐燕千  刘有美  李理(87)

中药胖大海的引进历史和拉丁学名考证.....徐祥浩(100)

三十烷醇诱发马铃薯茎外植体根分化的形态研究.....蔡耀垣  刘厚芬  吴翰(105)

鸭淀粉样变的病理学研究.....凌育荣(109)

鸡卡氏白细胞原虫病的血液形态学分析.....余哲  陈淑玉  陈素珍  周桂琴(119)

蚕粪果胶的研究(I)

——提取和分析.....容天雨  李江中(125)

三十年来我国籼稻育种工作的回顾与前瞻.....黄超武(129)

荔枝成熟花粉的超微结构简报.....郑玉梅  王世祯(138)

华南地区花生叶斑病的治理.....R.L.罗百达  D.R.麦肯西  林孔勋(141)

### 第四期

香蕉冷害征状及生理指标和有效防寒措施研究.....黄晓钰  季作梁  李沛文(1)

鸡传染性喉气管炎(ILT)病毒弱毒G80株的免疫原性.....郭培宣(13)

小麦品种对赤霉病的抗扩展性的遗传研究.....张乐庆  潘雪萍(21)

水稻孕穗期冷害小孢子亚显微结构观察.....黄湛(30)

选择抗病松树树种和利用*Pestalotia cryptomeriae*及*Gluconobacter* sp.防治

  松梢枯病的探讨.....梁子超  李子仁(35)

桉树黄化病病原物的初步研究.....张景宁  万汉彬  陈北光  辛潜才(45)

广东海南岛蓟马种类初志

  I. 蓟马亚科Thripinae(缨翅目,蓟马科).....张维球(48)

贵州省烤烟花叶病主要病毒种类的初步鉴定.....美国经  高乔婉  范怀忠(64)

广州地区樟叶蜂肠型核多角体病及其病原病毒的观察

.....戴冠群  石木标  洗炳才  伍建芬  黄增和(73)

野生茶叶表皮细胞的研究.....严学成(77)

分区计算法在甜橙叶面积测定上的应用.....高飞飞  陈大成(83)

## JOURNAL OF SOUTH CHINA AGRICULTURAL COLLEGE

Vol. 3

CONTENTS

NO. 1

## POLLEN MORPHOLOGY OF STERCULIACEAE FROM CHINA

(1) STERCULIACEAE..... Hsue Hsiang-hao Long Huo He Le-king (1)

## A STUDY ON THE TAXONOMIC SYSTEM OF CHINESE LOGANIACEAE .....

.....Li Ping-t'ao (14)

## A NEW SPECIES OF LIVISTON FROM CHINA.....Wei Xing-wei Xiao Mian-yun (22)

## STUDIES ON THE TRANSPLANTING OF NURSED SHOOT IN

## THE CULTIVATION OF SUGAR CANE

—The Relationships of Enzyme Activities in Seedling of Different Age  
to the Growth after the Transplanting of Sugar cane .....

..... Rong Yong-huei Che Jing-wen Su Guang-da (25)

## THE STRUCTURAL ANALYSIS OF A PADDY FIELD BLADE

WHEEL BY MEANS OF FINITE ELEMENT METHOD ..... Li Ying-cai (35)

## STRAINS OF PSEUDOMONAS SOLANACEARUM FROM

BEEF WOOD IN SOUTH CHINA..... Liang Zichao Chen Xiaohua (57)

## IDENTIFICATION OF THE CAUSAL ORGANISM OF THE

BACTERIAL WILT OF MULBERRY.....Lai Wen-jiang Zeng Xian-ming

Tan Bing-an Wu Ko-shen Chan Choung-ying Guan Wei-xi Faan Hwei-chung (66)

## A STUDY ON THE RELATION BETWEEN N-K BALANCE AND

## OCCURRENCE OF THE STREAKED TYPE CHI-KU DISEASE

OF RICE PLANT..... Li Hua-xing (74)

## STUDIES ON INFECTIOUS BRONCHITIS IN THE CHICKEN

## I. ISOLATION AND IDENTIFICATION OF ITS CAUSATIVE

VIRUS IN GUANGZHOU..... Xin Chao-an Chen Tian-jie (90)

## TREND OF DEVELOPMENT AND CHARACTERISTICS OF

MODERN AGRICULTURAL SCIENCES.....Zhang Jun-xin Xue De-rong Hsu Si-zu (99)

## AFATOXICOSIS IN POULTRY.....Lin Wei-ping E. J. Kwong (108)

## A SPORT REPORT ON GRAIN DRYING BY ON AUTOMATIC HEATING

METHOD TO REDUCE HUMIDITY ..... Chang Koon-kec Hong De-mai (123)

NO. 2

## THEORIZATION OF THE FACTORS AFFECTING HIGH YIELD IN JUTE

CULTURE, planting Density and Its Effect upon Dry Matter Accumulation and

Photosynthetic Behavior in the Plant Population ..... Liang Jinan Luo Guoxing (1)

## STUDIES ON THE POPULATION DYNAMICS AND CONTROL OF RICE LEAF

## ROLL IN HAILING ISLAND, GUANGDONG PROVINCE

II. The relationships between several important ecological factors

- and the population size, and the simulation of the population dynamics of the pest in the 2nd generation.....Pang Xion-fei Liang Guang-wen (13)
- PRELIMINARY STUDY ON THE SUSCEPTIBILITY OF *CASUARINA EQUISETIFOLIA* TO *PSEUDOMONAS SOLANACEARUM* AND ITS RELATION TO THE PERMEABILITY OF THE CELL MEMBRANE AND PEROXIDASE ISOENZYMES  
..... Liang Zi-chao Chen Bo-quen (28)
- STUDIES ON THE PHYTOPHTHORA SPECIES CAUSING CUCUMBER BLIGHT AND ITS CONTROL IN GUANGZHOU DISTRICT.....  
.....Hwang Chien-kun Chi Pei-kun (36)
- RELATIONSHIP BETWEEN THE EFFECTIVENESS AND THE STRUCTURE OF THE SHELTERBELT FOR FARMLAND IN THE PEARL RIVER DELTA.....Xu Yan-qian Lu Yi-lin Zhang Sheng-li (46)
- A STUDY ON WOOD PROPERTIES OF *ALBIZZIA FALCATA* GROWN IN GUANGDONG PROVINCE..... Chen Jian-chao (59)
- ANATOMY OF THE CENTRAL NERVOUS SYSTEM OF THE CHINESE BUFFALO (*Bubalus bubalis*)II. A Macroscopic Study on the Cerebellum and the Brain Stem  
..... Liu Shun--yeh Liang Ding-guang Lin Hong-xing Tong Shu-fa (70)
- A COMPARATIVE STUDY OF THE METALLOGRAPHY OF SEVERAL SAW ... CHINAS.....Ke Xing-bin Huang Cui-jin Liang Pei-wen Kwan Cun-he (83)
- AFLATOXICOSIS IN POULTRY.....Lin Wei-qing F. J. Kwong (91)

## NO. 3

- Characteristics of the Subtropical Evergreen Forest from Nanling Mountain Range—  
Based on an Examination of the Mangshan Forest .....Chang Hung-ta (1)
- Maximizing the Usefulness of Genetically Superior Sires in Artificial Insemination  
..... John O. Almquist (19)
- A Study of the Pore Arrangement Patterns of Chinese Hardwood Timbers  
..... Wuang Ben-chuen (32)
- Grain Yield and Nitrogen Accumulation in Grain under Three Levels of Nitrogen Applied at Panicle Formation Stage of Irri's Three Rice Varieties..... Wang Young-rui (41)
- The Study of Sugar-Cane Diseases Must Not Be Limited on Pathological and Mycological Field.....Wang Tsien-ming (51)
- A Study on Controlled-Atmosphere Storage of Litchi.....  
..... Chen Wei-xin Su Mei-xia Puiman Lee (54)
- Tissue Culture of Apical Buds and Leaf Sections of Head Lettuce ( I )  
..... Li Peng-fi Kuo Pi-hsia (62)
- Identification of the Causal Viruses of Tomato Mosaic in Guangdong Province.....  
Faan Hwei-chung San Gi-fei Kao Chiao-wan Chang Shu-gun Lo Xue-hai Chou Dan (66)
- Identification of the Causal Viruses of the Mosaic Disease of pepper in the Suburb of Guangzhou..... Ho S.C. Faan H.C. Gao C.W. Lou S.H. (73)
- A Study on Site Types of the Farmland Shelterbelts in the Pearl River Delta  
..... Xu Yanqian Liu Youmei Li Li (87)

- the Introduced History of a Chinese Drug "Pan Ta Hai" and Comment on Its  
 Scientific Name ..... Hsue Hsiang-hao (100)
- Morphological Studies on the Differentiation of the Roots on the Stem Explant of  
*Solanum Tuberosum* L. Induced by Triacantanol.....  
 ..... Cai Yaoyuan Liu Houfen Wu Hen (105)
- A Pathological Study of Amyloidosis in Ducks.....Ling Yn-shen (109)
- A Study on the Blood Picture Accompanying Leucocytozoon Caulleryi Infection in  
 Chickens..... Yu Zhe Chen Shu-yu Chen Su-zhen Zhou Qui-qian (119)
- A Study of the Pectin in Feces of Silkworm (I) —Extraction and Analysis  
 ..... Rong Tian-yu Li Jiang-zhong (125)
- A Review of the Past Thirsty Years' Work in Breeding of Cultivated Rice (*O. sativa*  
 subsp. *hsien*) and the Prospect in Future in China..... Huang Chaowu (129)
- The Ultrastructure of Mature Pollen Grains of Litchi (*Litchi Chinensis* Sonn.)  
 —A Brief Information..... Zheng Yu-mei Wang Shih-mao (138)
- Management of Peanut Leaf Spot in South China  
 .....Robert L. Theberhe D.R. MacKenzie and Kung-hsun Lin (141)

## NO. 4

- A Study on the Injury Symptoms and physiological Quota of Banana and an Effective  
 Measure for Cold Injury Protection ..... Huang Xiao-yu Ji Zuo-liang Li Pei-wen (1)
- Immunogenicity of Attenuated G80 Strain of Infectious Laryngotracheitis  
 (ILT) Virus ..... Guo Peixua (13)
- A Study on Resistance to Colonization of Gibberell Znac in Wheat Varieties .....  
 .....Zhang Le-quiring Pan Xue-ping (21)
- Observations on the Microspores Injured by Cold During the Boot Stage in Indica  
 Rice Under the Electron Microscope ..... Huang Zhan (30)
- Selection of Resistant Pine Species and Use of *Pestalotia cryptomeriae* Cooke and *Gluco-*  
*nobacter* sp. for the Control of Die-back of Pines ..... Liang Zi-chao Li zi-ern (35)
- A Preliminary Study of the Pathogen of Yellowing Disease of Eucalypt .....  
 .....Zhing Jing-ning Wan Han-bin Chen Bei-guang (45)
- Preliminary Notes on Thysanoptera Collected From Hainan Island, Guangdong, China  
 I. Subfamily: Thripidae (Thysanoptera: Thripidae) .....Zhang Wai-chu (48)
- Identification of the Tobacco Mosaic Viruses in Kweichow province.....  
 ..... Guan Guo-jing Kao Chiao-wan Faan Hwei-chung (64)
- A Midgut Nuclear polyhedrosis of the Camphor Sawfly *Mesoneura Rufononta* (Rohwer)  
 in Guangzhou .....  
 .....Tai Guan-qun Shi Mu-biao Xian Bing-cia Wu Jian fen Huang Zeng-he (73)
- Morphology of the Epidem is Cell of wild Tea ..... Yan Xiue-cheng (77)
- The Use of Split section Calculation in Measuring Leaf Area of Sweet Orange  
 (*Citrus sinensis* Osbeck,) ..... Gao Fei-fei Chen Da-cheng (83)