

ISSN1003-8981
CODEN JYANE6

经济林研究

NONWOOD FOREST RESEARCH



全国中文核心期刊
中国科技核心期刊
RCCSE中国核心学术期刊

4

2014

第32卷 第4期

Volume 32 Number 4

中南林业科技大学 主办



科学出版社 出版

经济林研究

JINGJILIN YANJIU

第 32 卷 第 4 期 2014 年 12 月

目 次

研究论文

- 油桐丙二酰单酰 CoA:ACP 转酰基酶的克隆与序列分析·····刘美兰, 谭晓风, 龙洪旭, 等(1)
- 内蒙古野生山杏优良单株核仁性状的遗传变异分析·····乌云塔娜, 包文泉, 姜忠茂(8)
- 内蒙古野生山杏优良单株果核性状的遗传变异分析·····包文泉, 乌云塔娜, 尹明宇(13)
- 内蒙古野生长柄扁桃优良单株果核性状的遗传变异分析·····乌云塔娜, 包文泉, 左丝雨(18)
- 内蒙古野生山杏优良单株叶片性状的遗传变异分析·····包文泉, 乌云塔娜, 朱绪春(23)
- 内蒙古野生长柄扁桃优良单株果实性状的遗传变异分析·····乌云塔娜, 包文泉, 左丝雨(28)
- 利用油茶油体蛋白系统表达金属硫蛋白的载体构建·····曾艳玲, 曾晓峰, 谭晓风, 等(33)
- 短梗大参光合作用光响应曲线及模型拟合·····梁文斌, 聂东伶, 吴思政, 等(38)
- 黑果枸杞种子萌发对水分和钠盐胁迫的响应·····刘克彪, 张元恺, 李发明(45)
- 不同肥料对油茶林土壤及叶片磷素状况的影响·····王 华, 牛德奎, 胡冬南, 等(52)
- 新疆枣园土壤解钾微生物菌株筛选及鉴定·····孙林琦, 郭艺鹏, 王海儒, 等(58)
- 山东引种无花果品种营养成分分析·····孙 锐, 孙 蕾, 贾 明, 等(63)
- 多花黄精嫩茎与根茎芽离体培养技术·····周新华, 曾满生, 肖智勇, 等(68)
- 不同贮藏条件下锥栗花粉生活力研究·····王碧芳, 袁德义, 刘冬明, 等(73)
- 云南鲁甸避晚霜核桃优良单株选择·····李淑芳, 范志远, 曾清贤, 等(77)
- 烟叶唇柱苣苔的高温半致死温度及其对高温胁迫的生理响应
·····赵 伟, 邓 敏, 戴锡玲, 等(83)
- 不同硬度类型黑莓果实生长发育动态分析·····张春红, 吴文龙, 闫连飞, 等(88)
- 东方梨和西方梨花粉发育时期的比较·····苏艳丽, 田 鹏, 韩 芳, 等(94)
- 低温胁迫对南美天胡荽光合作用和叶绿素荧光的影响·····杨柳青, 张 柳, 廖飞勇, 等(99)

不同株型观赏桃的生长及光合特性比较研究·····	谢 玲, 刘卫东, 冯斌义, 等(103)
赤霉素对台农 16 号菠萝生长及果实品质的影响·····	张 宇, 黄国弟, 庞新华, 等(110)
油茶林养分管理的经济效益分析——以龙川万泰油茶示范林为例·····	陈倩倩, 丁晓纲(114)
不同品种西梅电热烘干工艺研究·····	韩宏伟, 邱 杰, 李 勇, 等(120)
珍贵阔叶树种刺楸离体繁殖技术·····	张丽杰, 赵丽蒙, 韩冬雪, 等(127)
龙眼大豆保健酸奶的研制·····	吴耀辉, 刘丹君, 陈建华, 等(135)

研究简报

利用微卫星标记鉴别油茶品种·····	陈赢男, 张新叶, 戴晓港(140)
石灰岩山地芸香竹分株育苗基质和时间的选择·····	刘光金, 李洪果, 卢立华, 等(144)
毛茛茎段离体培养·····	伍成厚, 郑慈真, 代色平, 等(147)
檀梨果仁含水率、含油率及脂肪酸成分研究初报·····	朱宁华, 宋 莹, 许娜子, 等(152)
麦积区葡萄种植中土壤 NPK 施肥精准化研究·····	闫秀婧, 汪浩然, 吴 霞, 等(156)
南方红豆杉生物学、生态学特性及培育技术·····	鲁定伟, 周要全, 李曙波, 等(159)
甘肃油橄榄园土壤养分丰缺状况·····	姜成英, 陈炜青, 吴文俊, 等(165)
微量元素对高州油茶幼苗根系的影响·····	张祥宇, 丁晓纲, 张应中, 等(170)
美洲商陆果实和种子组分测定及幼苗形态观察·····	徐宁伟, 贾益豪, 包志毅(175)
黄金梨叶片再生过程扫描电镜观察·····	陶爱群, 尹 婷, 谢深喜(180)

综 述

21 世纪栗属植物产业发展及贸易格局分析·····	朱灿灿, 耿国民, 周久亚, 等(184)
植物源 ACE 抑制肽研究进展·····	郭显荣, 黄卫文, 龚吉军, 等(192)

简 讯

《经济林研究》和我校学报跃居中国科技核心期刊(林学类)前列·····(封二)

第 32 卷总目次 ····· I ~ VIII

第 32 卷卷终

NONWOOD FOREST RESEARCH

Dec. 2014 Vol. 32 No. 4

CONTENTS

- Cloning and sequence analysis of malonyl CoA:ACP transacylase from *Vernicia fordii*LIU Mei-lan, TAN Xiao-feng, LONG Hong-xu, *et al* (1)
- Genetic variation of fine individual plants' kernel characteristics of wild apricot in Inner Mongolia
.....Wuyuntana, BAO Wen-quan, JIANG Zhong-mao (8)
- Genetic variation of fine individual plants' seed characteristics of wild apricot in Inner MongoliaBAO Wen-quan, Wuyuntana, YIN Ming-yu (13)
- Genetic variation of fine individual plant's seed characteristics of wild *Amygdalus pedunculata* Pall in Inner Mongolia
.....Wuyuntana, BAO Wen-quan, ZUO Si-yu (18)
- Genetic variation of fine individual plants' leaf characteristics of wild apricot in Inner Mongolia
.....BAO Wen-quan, Wuyuntana, ZHU Xu-chun (23)
- Genetic variation of fine individual plant's fruit characteristics of wild *Amygdalus pedunculata* Pall in Inner Mongolia
.....Wuyuntana, BAO Wen-quan, ZUO Si-yu (28)
- Construction of metallothionein expression vector using oleosin system in *Camellia oleifera*
.....ZENG Yan-ling, ZENG Xiao-feng, TAN Xiao-feng, *et al* (33)
- Photosynthetic light response curves of *Macropanax rosthornii* and their model fittingLIANG Wen-bin, NIE Dong-ling, WU Si-zheng, *et al* (38)
- Responses of seed germination in *Lycium ruthenicum* to water and sodium salt stressesLIU Ke-biao, ZHANG Yuan-kai, LI Fa-ming (45)
- Effects of different fertilizer treatments on phosphorus status of soils and leaves in *Camellia oleifera* forest
.....WANG Hua, NIU De-kui, HU Dong-nan, *et al* (52)
- Selection and identification of potassium-releasing microbial strains in *Zizyphus jujuba* orchard soil of Xinjiang
.....SUN Lin-qi, GUO Yi-peng, WANG Hai-ru, *et al* (58)
- Nutritional ingredient analysis of some introduced cultivars of *Ficus carica* in ShandongSUN Rui, SUN Lei, JIA Ming, *et al* (63)
- Tender stems and rhizome buds *in vitro* culture techniques in *Polygonatum cyrtonema*
.....ZHOU Xin-hua, ZENG Man-sheng, XIAO Zhi-yong, *et al* (68)
- Pollen viability of *Castanea henryi* under different storage conditionsWANG Bi-fang, YUAN De-yi, LIU Dong-ming, *et al* (73)
- Selection of superior trees of avoiding-late-frost walnut in Ludian County of Yunnan Province
.....LI Shu-fang, FAN Zhi-yuan, ZENG Qing-xian, *et al* (77)
- Semi-lethal high temperature of *Chirita heterotricha* and its physiological response to high temperature stress
.....ZHAO Wei, DENG Min, DAI Xi-ling, *et al* (83)
- Growth and development dynamics of blackberry fruits with different hardnessZHANG Chun-hong, WU Wen-long, Lü Lian-fei, *et al* (88)
- Comparison of pollen development periods between oriental pear and occidental pearSU Yan-li, TIAN Peng, HAN Fang, *et al* (94)
- Effects of low temperature stress on photosynthesis and chlorophyll fluorescence parameters in *Hydrocotyle vulgaris*
.....YANG Liu-qing, ZHANG Liu, LIAO Fei-yong, *et al* (99)
- Comparison of growth and photosynthetic characteristics of ornamental peach trees with different plant types
.....XIE Ling, LIU Wei-dong, FENG Bin-yi, *et al* (103)
- Influences of exogenous GA application on growth and fruit quality of Tainong No.16 pineapple
.....ZHANG Yu, HUANG Guo-di, PANG Xin-hua, *et al* (110)
- Economic benefit analysis of nutrient management of Wantai *Camellia oleifera* Forest in LongchuanCHEN Qian-qian, DING Xiao-gang (114)
- Electric drying process conditions of different varieties of prunesHAN Hong-wei, QIU Jie, LI Yong, *et al* (120)
- Propagation *in vitro* techniques of rare broad-leaved species of *Kalpanax septemlobus*
.....ZHANG Li-jie, ZHAO Li-meng, HAN Dong-xue, *et al* (127)
- Research and development of healthy yoghurt made from longan and soybeanWU Yao-hui, LIU Dan-jun, CHEN Jian-hua (135)
- A case study on cultivar identification in *Camellia* L. by using SSR markersCHEN Ying-nan, ZHANG Xin-ye, DAI Xiao-gang (140)
- Selecting of breeding medium and season on offshoot breeding in *Bonia amplexicaulis*LIU Guang-jin, LI Hong-guo, LU Li-hua, *et al* (144)
- Stem segment *in vitro* culture in *Melastoma sanguineum* SimsWU Cheng-hou, ZHENG Ci-zhen, DAI Se-ping, *et al* (147)
- Preliminary research on moisture content, oil content and fatty acid compositions in *Pyrularia edulis* kernel
.....ZHU Ning-hua, SONG Ying, XU Na-zi, *et al* (152)
- Research on precision NPK fertilization in soil of planting grape area of Majiji DistrictYAN Xiu-jing, WANG Hao-ran, WU Xia, *et al* (156)
- Biological characteristics, ecological characteristics and cultivation techniques in *Taxus chinensis* var. *mairei*
.....LU Ding-wei, ZHOU Yao-quan, LI Shu-bo, *et al* (159)
- Condition of abundance or deficiency of soil nutrient of olive orchard in Gansu Province
.....JIANG Cheng-ying, CHEN Wei-qing, WU Wen-jun, *et al* (165)
- Effects of nutrient deficiencies on root system in *Camellia gauchowensis* seedlings
.....ZHANG Xiang-yu, DING Xiao-gang, ZHANG Ying-zhong, *et al* (170)
- Composition analysis of seeds and fruits and morphological observation of seedlings in *Phytolacca americana*
.....XU Ning-wei, JIA Yi-hao, BAO Zhi-yi (175)
- Observation of leaf regeneration process in *Pyrus pyrifolia* Nakai using scanning electron microscopeTAO Ai-qun, YIN Ting, XIE Shen-xi (180)
- Analysis of chestnut industry development and trade patterns in the 21st centuryZHU Can-can, GENG Guo-min, ZHOU Jiu-ya, *et al* (184)
- Advances in research on the ACE inhibitory peptide derived from plant proteinGUO Xian-rong, HUANG Wei-wen, GONG Ji-jun, *et al* (192)



全国中文核心期刊
中国科技核心期刊
RCCSE中国核心学术期刊
中国学术期刊网络出版总库 (CAJD) 收录期刊
中国科技论文与引文数据库 (CSTPCD) 来源期刊

经济林研究

JINGJILIN YANJIU

(季刊, 1983年创刊)

2014年12月 第32卷 第4期 (总第103期)

NONWOOD FOREST RESEARCH

(Quarterly, Started in 1983)

Vol. 32 No. 4 (Sum 103) Dec. 2014

主管 | 湖南省教育厅

Administrated by Education Department of Hunan Province

主办 | 中南林业科技大学

Sponsored by Central South University of Forestry & Technology

主编 | 谭晓风

Editor in Chief TAN Xiao-feng

期刊社社长 | 伍谦

Periodicals Press Director WU Qian

编辑 | 《经济林研究》编辑部
(湖南省长沙市中南林业科技大学)
(邮编: 410004)
(电话: 0731-85658526)
(Http://qks.csuft.edu.cn)

Edited by Editorial Dept. of Nonwood Forest Research
(Central South University of Forestry & Technology, Changsha 410004, Hunan, China)
(Tel: 0731-85658526)
(Http://qks.csuft.edu.cn)

出版 | 科学出版社
(北京东黄城根北街16号, 邮编100717)

Published by Science Press
(16 Donghuangchenggen North Street, Beijing 100717, China)

印刷 | 长沙市雅捷印务有限公司

Printed by Changsha Yajie Color Printing Co.,Ltd

国内发行 | 中南林业科技大学期刊社

Distributed by Periodicals Of CSUFT

国外发行 | 中国国际图书贸易总公司
(北京399信箱, 邮编: 100044)
(国外发行代号: Q1743)

Distributed Abroad by China International Book Trading Corporation
(P.O.Box 399, Beijing, China)

封面题字 | 罗玉川 (原林业部部长)

平面设计 | 周基东设计工作室

ISSN 1003-8981

刊号: $\frac{\text{ISSN } 1003-8981}{\text{CN43-1117/S}}$

国内定价: 20.00元

