

# 草业学报 (双月刊)

ACTA PRATACULTURAE SINICA

2010 年 8 月 第 19 卷 第 4 期

## 目 次

### 研究论文

- 近 30 年四川小相岭山系植被景观变化分析 ..... 黄尤优 刘守江 王琼 等(1)
- 喜旱莲子草对不同生境植物群落多样性的影响 ..... 张震 徐丽 朱晓敏(10)
- 巨桉人工林草本层主要种群的生态位分析 ..... 钟宇 张健 刘泉波 等(16)
- 外来入侵植物黄顶菊与四种牧草间化感互作 ..... 皇甫超河 陈冬青 王楠楠 等(22)
- 披碱草内生真菌对三种草坪草种子与种苗的化感效应 ..... 杨松 李春杰 柴青 等(33)
- 甘肃贝母种子吸水及发芽特性研究 ..... 常彦莉 陈垣 郭凤霞 等(41)
- 不同氮肥基追比对多花黑麦草碳氮转运和种子产量的影响 ..... 周琴 赵超鹏 曹春信 等(47)
- 人工施用氮肥、磷肥对宽叶羌活产量和质量的影响 ..... 方子森 高凌花 张恩和 等(54)
- 四种豆科牧草萌发期对干旱胁迫的响应及抗旱性评价 ..... 秦文静 梁宗锁(61)
- 盐胁迫对黄花苜蓿发芽及幼苗生长的影响 ..... 秦峰梅 张红香 武伟 等(71)
- 紫花苜蓿种质耐盐性综合评价及盐胁迫下的生理反应 ..... 李源 刘贵波 高洪文 等(79)
- 7 种优良观赏草光合生理日变化及光响应特征研究 ..... 高鹤 宗俊勤 陈静波 等(87)
- 乳酸菌制剂对不同比例苜蓿和披碱草混贮发酵品质的影响 ..... 王昆昆 玉柱 邵涛 等(94)
- 温度和湿度对紫花苜蓿土壤氮矿化的影响 ..... 邹亚丽 韩方虎 耿丽英 等(101)
- 重庆庆隆高尔夫球场果岭土壤理化性状测试与分析 ..... 翁凌飞 韩烈保 常智慧 等(108)
- 麋鹿放养对天鹅洲草地土壤理化性质的影响 ..... 周存宇 费永俊 吴雷 等(115)
- 青藏高原东南缘老芒麦自然居群遗传多样性的 SRAP 和 SSR 分析 ..... 鄢家俊 白史且 张新全 等(122)
- 狼尾草属牧草 rDNA 的 ITS 序列分析 ..... 陈志彤 黄勤楼 潘伟彬 等(135)
- 水稻饲料营养含量的 QTL 定位分析 ..... 范传广 张向前 张建国 等(142)
- 不同居群狗牙根的叶片解剖结构比较研究 ..... 李亚男 罗丽娟(149)
- MT-1 象草及其近缘品种的外稃微形态特征 ..... 张向前 周峰 解新明(159)
- 沿海防护林树种木麻黄和相思生长和抗性性状比较研究 ..... 吴志华 李天会 张华林 等(166)
- 体外研究反刍兽新月形单胞菌及与酵母联用对瘤胃微生物发酵的影响 ..... 毛胜勇 龙黎明 朱伟云(176)
- 甘肃省庆阳市生态足迹和生态承载力动态研究 ..... 张智全 于爱忠 罗珠珠 等(187)
- 敦煌西湖湿地生态系统现状、退化原因及综合修复对策 ..... 戚登臣 陈文业 张继强 等(194)

### 综合评述

- 放牧对草地土壤理化特性影响的研究进展 ..... 张成霞 南志标(204)
- 豚草属植物研究进展 ..... 曾珂 朱玉琼 刘家熙(212)
- 文心兰组织培养及转基因研究进展 ..... 崔广荣(220)

### 研究简报

- 库布齐沙地五种植物主要品质性状季节性变化研究 ..... 于凤 王明玖 高丽 等(230)
- 半扭卷马先蒿个体内的种子生产模式及其对资源的响应 ..... 王晓娟 张龙冲 赵志刚(236)
- 呼伦贝尔羊草草甸草原光合有效辐射分量变化规律分析 ..... 李瑾 张德罡 张宏斌 等(243)
- 叶面喷施烯效唑对大豆产量及品质的影响 ..... 闫艳红 杨文钰 张静 等(251)
- 野生狭叶荨麻种子形态与萌发特性的研究 ..... 姜义宝 张芳 崔国文 等(255)
- 长白山 3 种橐吾的核型研究 ..... 董然 瞿小杰 王丽清 等(259)

### 相关信息

- 任继周院士著《草业琐谈》出版 ..... (100)
- 第四届日一中—韩草地大会第一轮通知 ..... (264)

封面图片:框图引自任继周主编《草地农业生态系统通论》 背景为新疆天山牧场(张自和摄) 封面设计为张雪邛,史春燕

期刊基本参数:CN62-1105/S \* 1990 \* b \* A4 \* 264 \* zh \* P \* ¥25.00 \* 2000 \* 34 \* 2010-08

万方数据

# ACTA PRATACULTURAE SINICA

Volume 19, Number 4. August 20th, 2010

## CONTENTS

- Analysis on the landscape changes of the Xiaoxiangling Mountains in Sichuan Province during approximately 30 years ..... HUANG You-you LIU Shou-jiang WANG Qiong *et al*(1)
- Effect on species diversity of plant communities caused by invasion of *Alternanthera philoxeroides* in different habitats ..... ZHANG Zhen XU Li ZHU Xiao-min(10)
- Niche characteristics of main herbage populations in *Eucalyptus grandis* plantation ..... ZHONG Yu ZHANG Jian LIU Quan-bo *et al*(16)
- The mutual allelopathic effect between invasive plant *Flaveria bidentis* and four forage species ..... HUANGFU Chao-he CHEN Dong-qing WANG Nan-nan *et al*(22)
- Allelopathic effects of *Neotyphodium* endophytes of *Elymus dahuricus* on seeds and seedlings of three turf grass species ..... YANG Song LI Chun-jie CHAI Qing *et al*(33)
- A study on soaking and germination characteristics of *Fritillaria przewalskii* seeds ..... CHANG Yan-li CHEN Yuan GUO Feng-xia *et al*(41)
- Effects of N dressing ratio on carbon and nitrogen transport and on grain yield of *Lolium multiflorum* ..... ZHOU Qin ZHAO Chao-peng CAO Chun-xin *et al*(47)
- Effect of nitrogen and phosphorus fertilizer on yield and quality of *Notopterygium franchetii* ..... FANG Zi-sen GAO Ling-hua ZHANG En-he *et al*(54)
- Response and drought resistance of four leguminous pastures to drought during seed germination ..... QIN Wen-jing LIANG Zong-suo(61)
- Effects of salt stress on germination and seedling growth of *Medicago falcata* ..... QIN Feng-mei ZHANG Hong-xiang WU Yi *et al*(71)
- A comprehensive evaluation of salt-tolerance and the physiological response of *Medicago sativa* at the seedling stage ..... LI Yuan LIU Gui-bo GAO Hong-wen *et al*(79)
- Diurnal change of photosynthetic characteristics and response to light intensity of seven ornamental grasses ..... GAO He ZONG Jun-qin CHEN Jing-bo *et al*(87)
- Effects of lactobacillus on fermentation quality of mixed silage of *Medicago sativa* and *Elymus dahuricus* ..... WANG Kun-kun YU Zhu SHAO Tao *et al*(94)
- Effects of temperature and moisture on soil nitrogen mineralization of lucerne stands ..... ZOU Ya-li HAN Fang-hu GEN Li-ying *et al*(101)
- Physical and chemical properties of the soil in Chongqing Qinglong golf course greens ..... WENG Ling-fei HAN Lie-bao CHANG Zhi-hui *et al*(108)
- Effects of elk grazing on soil physical and chemical properties of grassland on Tiane Island ..... ZHOU Cun-yu FEI Yong-jun WU Lei *et al*(115)
- Genetic diversity of native *Elymus sibiricus* populations in the Southeastern Margin of Qinghai-Tibetan Plateau as detected by SRAP and SSR markers ..... YAN Jia-jun BAI Shi-qie ZHANG Xin-quan *et al*(122)
- Sequence analysis of the rDNA ITS region of *Pennisetum* species (Poaceae) ..... CHEN Zhi-tong HUANG Qin-lou PAN Wei-bin *et al*(135)
- Identification of QTLs for nutrient contents of rice as forage ..... FAN Chuan-guang ZHANG Xiang-qian ZHANG Jian-guo *et al*(142)
- A comparative study on the anatomical structure of leaves from different populations of bermudagrass ..... LI Ya-nan LUO Li-juan(149)
- Lemma micro-morphological characteristics of MT-1 elephantgrass and its closely related varieties ..... ZHANG Xiang-qian ZHOU Feng XIE Xin-ming(159)
- Studies on growth and wind-resistance traits of *Casuarina* and *Acacia* stands from coastal protection forest ..... WU Zhi-hua LI Tian-hui ZHANG Hua-lin *et al*(166)
- Effect of *Selenomonas ruminantium* alone, or in combination with yeast cultures, on *in vitro* rumen bacterial fermentation ..... MAO Sheng-yong LONG Li-ming ZHU Wei-yun(176)
- Dynamics of the ecological footprint and ecological capacity of Qingyang, Gansu ..... ZHANG Zhi-quan YU Ai-zhong LUO Zhu-zhu *et al*(187)
- Status, degraded causes and comprehensive treatment of Dunhuang Xihu wetland ecosystem ..... QI Deng-chen CHEN Wen-ye ZHANG Ji-qiang *et al*(194)
- Research progress on effects of grazing on physical and chemical characteristics of grassland soil ..... ZHANG Cheng-xia NAN Zhi-biao(204)
- Research progress on ragweed (*Ambrosia*) ..... ZENG Ke ZHU Yu-qiong LIU Jia-xi(212)
- Research progress on *Oncidium* in tissue culture and transgenes ..... CUI Guang-rong(220)
- A study on seasonal dynamics of qualitative characters of five plant species in Kubqi sandy land ..... YU Feng WANG Ming-jiu GAO Li *et al*(230)
- The pattern of seed reproduction and its response to resources in *Pedicularis semitoria* individuals ..... WANG Xiao-juan ZHANG Long-chong ZHAO Zhi-gang(236)
- A study on the variations of pivotal photosynthetic active radiation parameters of a *Leymus chinensis* meadow-steppe in Hulunber ..... LI Jin ZHANG De-gang ZHANG Hong-bin *et al*(243)
- Effect of spraying uniconazole on soybean yield and quality ..... YAN Yan-hong YANG Wen-yu ZHANG Jing *et al*(251)
- A study of germination characteristics and morphology of wild *Urtica angustifolia* seed ..... JIANG Yi-bao ZHANG Fang CUI Guo-wen *et al*(255)
- Karyotype studies on three *Ligularia* of Changbai Mountain ..... DONG Ran QU Xiao-jie WANG Li-qing *et al*(259)