

生物安全学报

Shengwu Anquan Xuebao

第 26 卷总目次

(题名前数字依次为期和页码)

◎ 短评

- 3:181 Thoughts of a travelling ecologist 12. The plight of the monarch butterfly Gábor L.LÖVEI

◎ 综述论文

- 1:1 新疆农林外来入侵生物的发生现状、趋势及其研究进展 郭文超, 张祥林, 吴卫, 张伟, 付开赞, 吐尔逊·阿合买提, 丁新华, 依米提·热苏力
- 1:12 新疆林果外来入侵生物的发生及检测监测和控制策略 刘忠军, 陈梦, 王刚
- 1:18 植物替代控制 3 种入侵杂草技术的研究与应用进展 高尚宾, 张宏斌, 孙玉芳, 张国良
- 1:23 新疆列当的种类、分布及其防治技术研究进展 姚兆群, 曹小蕾, 付超, 赵思峰
- 1:30 马铃薯黄萎病研究现状 王丽丽, 蔡超, 罗明, 顾爱星, 王慧, 李克梅
- 2:103 实蝇肠杆菌科共生菌的研究进展 姚明燕, 李清娥, 陈家骅
- 4:259 云南菊科入侵植物入侵机制及其利用研究进展 王德艳, 张大才, 胡世俊, 闫晓慧
- 4:266 淡水螯虾生理生态学与环境毒理学研究进展 鲁耀鹏, 王冬梅, 张秀霞, 李军涛, 郑佩华, 沈健安

◎ 研究论文

- 1:39 瓜套棉田烟粉虱与棉蚜种群动态及竞争干扰行为研究 买合甫皮古丽·阿不力米提, 王岩平, 李京, 迪丽努尔·阿布杜热合曼, 热孜万古丽·加马力, 马德英
- 1:47 库尔勒香梨上苹果蠹蛾发生规律及其性信息素迷向防控效果 张煜, 马诗科, 李晶
- 1:52 世界性害虫葡萄花翅小卷蛾入侵我国的风险分析 李俊峰, 阿地力·沙塔尔, 喻峰, 买合木提·尼亚孜
- 1:58 新疆葡萄新害虫——绿长突叶蝉主要生物学特性 周天跃, 王少山, 屈荷丽, 陈刘生, 王俊刚
- 1:63 新疆荒漠绿洲稻区稻水象甲危害损失及防治阈值研究 丁新华, 王小武, 吐尔逊·阿合买提, 付开赞, 何江, 关志坚, 付文君, 郭文超
- 1:68 不同生物药剂对稻水象甲的毒力、拒食活性及防效分析 王小武, 丁新华, 吐尔逊·阿合买提, 付开赞, 何江, 付文君, 郭文超
- 1:75 基于 16S rDNA 基因的谷斑皮蠹 PCR 检测技术 张祥林, 李京, 罗明, 李亚伟, 王翀, 张小菊
- 1:80 南疆红枣产区枣疯病发生现状及主导因子分析 韩剑, 罗明, 徐金虹, 王同仁, 张祥林, 项雪峰
- 1:87 新疆油用型向日葵种质资源对 2 种新入侵病害的抗性鉴定与评价 荆璐, 陈卫民, 喻龙, 梁月, 王杰花, 荆秀, 韩丽丽
- 2:111 扩散型与繁殖型松材线虫数字基因表达谱对比分析 田浩楷, 张帅, 柳小龙, 张志伟, 赵莉茵
- 2:122 基于微卫星标记的苹果绵蚜种群遗传结构动态 杨明明, 谭秀梅, 魏成民, 张永晓, 万方浩, 周洪旭
- 2:129 入侵害虫蔗扁蛾在我国的潜在分布区 王梦琳, 范靖宇, 李敏, 朱耿平
- 2:134 山西口岸全国首次截获危险性蚱蚱并蛴蚱 刘艳俊, 李惠萍, 吴福中, 付海滨, 奚国华, 毛本前
- 2:139 惠州口岸进境粮谷外来杂草调查与监测 朱磊, 刘志红, 吴福中, 沈鸿, 谭章龙, 王小勇, 季林鹏, 王徐玫, 伍和平
- 2:144 转 *Cry1Ac+Cry2Ab* 基因棉花主要生化物质含量变化及其对棉田昆虫的影响 雒珺瑜, 张帅, 朱香镇, 吕丽敏, 王春义, 崔金杰

2:152	转 <i>RRM2</i> 基因棉和其亲本苗蚜种群数量及其优势天敌的动态规律	路献勇, 李淑英, 朱加保, 雒珺瑜, 马艳, 崔金杰, 程福如
2:159	转 <i>Cry1Ac</i> 基因抗虫玉米 Bt-799 对田间节肢动物群落多样性的影响	尹俊琦, 武奉慈, 周琳, 宋新元
2:168	几种弱选择性寄主蔬菜对烟粉虱的驱避作用	衡森, 周福才, 陈学好, 苏宏华, 赵斌, 邵益栋, 张海波, 夏秋霞
2:173	应用哺乳动物抗体检测阿维菌素抗性果蝇 P 糖蛋白的表达	杨敏, 罗亮, 张锋, 伍一军
3:184	ROC 曲线形状在生态位模型评价中的重要性——以美国白蛾为例	朱耿平, 范靖宇, 王梦琳, 陈敏, 乔慧捷
3:191	低温条件下松材线虫在中国的风险分布区预测	赵捷, 韩骁, 石娟
3:199	湿度对木薯单爪螨 <i>Mononychellus mcgregori</i> 发育与繁殖的影响	卢芙萍, 陈青, 伍春玲, 卢辉, 梁晓
3:204	我国口岸截获芒果象属检疫性有害生物疫情分析	伊祎, 陈艳, 张丽杰, 刘若思, 廖芳
3:209	从进口塔吉克斯坦苹果上截获重要害虫橄榄片盾蚧	刘艳俊, 王文正, 李惠萍, 吴福中, 裴雪静, 李春鑫, 毛本前, 高浩, 张燕
3:215	京津冀外来入侵植物的种类调查与分析	石青, 陈雪, 罗雪晶, 陈凤新, 任晓鸿
3:224	广东省橘园黄龙病发生与危害的影响因素研究	程保平, 彭埃天, 宋晓兵, 凌金锋, 崔一平, 陈霞
3:231	降香黄檀土壤微生物数量的时空动态特征	陈国德, 钟圣赞, 苟志辉, 吴海霞, 杜尚嘉
3:236	Transcriptome analysis of <i>Verticillium lecanii</i> based on RNA-Seq technology	ZHANG Mou, GAO Xi, HAO Kaiqiang, TAN Qing, PANG Renyi, LAN Mingxian, LI Zhaobo, XIA Tao, LU Wufeng, LI Jianyi, WU Guoxing
3:244	5 种转基因油菜转化体特异性多重 PCR 检测方法	鲁军, 李刚, 赵建宁, 杨殿林, 修伟明
3:251	矿物油乳剂对烟蚜茧蜂的安全性评价	潘峰, 陈华祥, 尹立红
4:273	入侵害虫棉粉虱的种特异性 SS-COI 检测技术	张桂芬, 王玉生, 洗晓青, 万方浩, 邵嘉文
4:280	西花蓟马蛋白的提取及双向电泳体系的建立	王金鑫, 杨爽, 张鑫鑫, 张炬红, 席景会, 王军
4:285	嗜食植物与非嗜食植物对西花蓟马成虫寄主选择性的影响	高杭, 邝军锐, 刘利
4:289	温度对蝇蛹俑小蜂寄生瓜实蝇蛹功能反应的影响	李秉然, 吴伟坚
4:293	3 种菊科入侵植物不同生长时期的土壤酶活性和养分变化	罗雪晶, 石青, 贾月月, 张凤娟
4:301	转基因高蛋氨酸大豆对根际土壤主要有机元素和酶活性的影响	梁晋刚, 孟芳, 张正光
4:307	进境美国高粱截获杂草种子现状分析	左然玲, 蒋湘, 李盼畔, 宇文东方
4:311	基于网络爬虫技术对电子商务多肉物种资源数据的研究	薛华杰, 张宁, 傅怡宁, 徐飞, 王书平, 徐思越, 印丽萍
4:316	氨氮和亚硝酸盐对红螯螯虾幼虾和亚成虾的急性毒力	潘训彬, 张秀霞, 鲁耀鹏, 郑佩华, 王安利, 洗健安
4:323	阿维菌素和高效氯氰菊酯混配对红脉穗螟的增效作用	钟宝珠, 冯焕德, 张中润, 吕朝军, 高燕
4:327	新型杀菌剂啮氧菌酯对香蕉叶斑病的防治效果	宋晓兵, 彭埃天, 凌金锋, 殷瑜, 陈霞, 李子力

◎ 简报

1:95	新疆发现外来有害杂草——假苍耳	杜珍珠, 崔瑜, 阎平, 徐文斌, 黄刚
1:98	澳大利亚输华农林产品口岸有害生物截获概况	万静, 马骏, 胡学难, 林莉
2:177	我国首次检出双色多刺蚁及多刺蚁属介绍	刘若思, 张丽杰, 梁新苗, 边勇
3:256	海南发现椰子织蛾的重要天敌褐带卷蛾茧蜂	黄山春, 李朝绪, 阎伟, 覃伟权, 马子龙, 刘丽

◎ 简讯

4:330	《生物安全学报》加入中国科技核心期刊
-------	--------------------

JOURNAL OF BIOSAFETY

General Contents of Vol. 26

(Figures before title are No. and page respectively)

ESSAY

- 3:181 Thoughts of a travelling ecologist 12. The plight of the monarch butterfly Gábor L.LÖVEI

REVIEW ARTICLES

- 1:1 Current situation, trends and research progress of invasive alien species in agriculture and forestry in oases in Xinjiang, China
..... GUO Wenchao, ZHANG Xianglin, WU Wei, ZHANG Wei, FU Kaiyun, TURSUN Ahmat, DING Xinhua, YIMIT Rusul
- 1:12 Invasive species identification, monitoring, prevention and control status of forest fruit in Xinjiang ...
..... LIU Zhongjun, CHEN Meng, WANG Gang
- 1:18 Advances in research and application of replacement control of three invasive weeds
..... GAO Shangbin, ZHANG Hongbin, SUN Yufang, ZHANG Guoliang
- 1:23 Review of the distribution and management technology of various *Orobanch* L. species in Xinjiang, China
..... YAO Zhaoqun, CAO Xiaolei, FU Chao, ZHAO Sifeng
- 1:30 Research advances of Verticillium wilt of potato
..... WANG Lili , CAI Chao , LUO Ming , GU Aixing , WANG Hui , LI Kemei
- 2:103 Advance on the study of symbiotic enterobacteria in fruit flies YAO Mingyan, JI Qing'e, CHEN Jiahua
- 4:259 Understanding the invasion mechanism and utilization of invasive Asteraceae in Yunnan Province ...
..... WANG Deyan, ZHANG Dacai, HU Shijun, YAN Xiaohui
- 4:266 Research progress in physiological ecology and environmental toxicology of freshwater crayfish
..... LU Yaopeng, WANG Dongmei, ZHANG Xiuxia, LI Juntao, ZHENG Peihua, XIAN Jian'an

RESEARCH PAPERS

- 1:39 Population dynamics and competitive interference behaviors of *Bemisia tabaci* and *Aphis gossypii* in field of melon intercropping with cotton
..... MAIHEFUPIGULI Abulimiti, WANG Yanping, LI Jing, DILINUER Abudurehman, REZIWANGULI Jiamali, MA Deyang
- 1:47 Occurrence dynamics and control effect of the mating disruption technology of sex pheromone of *Cydia pomonella* (L.) from pear in Korla, Xinjiang ZHANG Yu, MA Shike, LI Jing

1:52	Pest risk analysis of European grapevine moth <i>Lobesia botrana</i> in China	LI Junfeng, ADIL Sattar, YU Feng, MAHMUT Niyaz
1:58	The biological characteristics of the newly pest <i>Batracomorphus pandarus</i> Knight in Xinjiang grape orchards.....	ZHOU Tianyue, WANG Shaoshan, QU Heli, CHEN Liusheng, WANG Jungang
1:63	Establishing the harm loss and economic threshold of <i>Lissorhoptrus oryzophilus</i> Kuschel for Xinjiang desert oases ...	DING Xinhua, WANG Xiaowu, TURSUN Ahmat, FU Kaiyun, HE Jiang, GUAN Zhijian, FU Wenjun, GUO Wenchao
1:68	Toxicity, antifeedant activity and control effect of different biological insecticides to <i>Lissorhoptrus oryzophilus</i> Kuschel	WANG Xiaowu, DING Xinhua, TURSUN Ahmat, FU Kaiyun, HE Jiang, FU Wenjun, GUO Wenchao
1:75	Study on molecular detection technology of <i>Trogoderma granarium</i> based on 16S rDNA	ZHANG Xianglin, LI Jing, LUO Ming, LI Yawei, WANG Chong, ZHANG Xiaoju
1:80	Damage caused by jujube witches' broom and factors of influence at jujube growing areas in southern Xinjiang	HAN Jian, LUO Ming, XU Jinhong, WANG Tongren, ZHANG Xianglin, XIANG Xuefeng
1:87	Resistance identification and evaluation of sunflower germplasm resources in Xinjiang	JING Jun, CHEN Weimin, YU Long, LIANG Yue, WANG Jiehua, JING Xiu, HAN Lili
2:111	Comparative analysis of dispersal and propagative larval stages in the pinewood nematode (<i>Bursaphelenchus xylophilus</i>) based on a digital gene expression library	TIAN Haokai, ZHANG Shuai, LIU Xiaolong, ZHANG Zhiwei, ZHAO Lili
2:122	The genetic structure dynamics of <i>Eriosoma lanigerum</i> (Hausmann) based on microsatellite markers ...	YANG Mingming, TAN Xiumei, WEI Chengmin, ZHANG Yongxiao, WAN Fanghao, ZHOU Hongxu
2:129	Potential geographical distribution of the introduced banana moth, <i>Opogona sacchari</i> (Lepidoptera: Tineidae) in China	WANG Menglin, FAN Jingyu, LI Min, ZHU Gengping
2:134	A first interception at Shanxi port of the scale insect <i>Neopinnaspis harperi</i> Mckenzie	LIU Yanjun, LI Huiping, WU Fuzhong, FU Haibin, XI Guohua, MAO Benqian
2:139	Investigation and monitoring of alien weeds in imported grain shipments at Huizhou port, China	ZHU Lei, LIU Zhihong, WU Fuzhong, SHEN Hong, TAN Zhanglong, WANG Xiaoyong, JI Linpeng, WANG Xumei, WU Heping
2:144	Effects of transgenic <i>Cry1Ac+Cry2Ab</i> cotton on biochemical substances and insects	LUO Junyu, ZHANG Shuai, ZHU Xiangzhen, LÜ Limin, WANG Chunyi, CUI Jinjie
2:152	Population dynamics of the cotton aphid (<i>Aphis gossypii</i>) and its natural enemies on the transgenic <i>RRM2</i> cotton and its parental cultivar in Anhui Province, China	LU Xianying, LI Shuying, ZHU Jiabao, LUO Junyu, MA Yan, CUI Jinjie, CHENG Furu
2:159	Impacts of a transgenic insect-resistant maize (Bt-799) containing a <i>Cry1Ac</i> gene on arthropod biodiversity	YIN Junqi, WU Fengci, ZHOU Lin, SONG Xinyuan

2:168	Repellent effect of several low-preference host vegetables against the tobacco whitefly <i>Bemisia tabaci</i> HENG Sen, ZHOU Fucui, CHEN Xuehao, SU Honghua, ZHAO Bin, SHAO Yidong, ZHANG Haibo, XIA Qiuxia
2:173	Expression level of P-glycoprotein in avermectin-resistant <i>Drosophila melanogaster</i> by using the anti-human antibody YANG Min, LUO Liang, ZHANG Feng, WU Yijun
3:184	The importance of the shape of receiver operating characteristic (ROC) curve in ecological niche model evaluation — case study of <i>Hlyphantria cunea</i> ZHU Gengping, FAN Jingyu, WANG Menglin, CHEN Min, QIAO Huijie
3:191	Potential distribution of <i>Bursaphelenchus xylophilus</i> in China due to adaptation cold conditions ZHAO Jie, HAN Xiao, SHI Juan
3:199	The effect of humidity on the development and reproduction of the cassava green mite, <i>Mononchellus mcgregori</i> LU Fuping, CHEN Qing, WU Chunling, LU Hui, LIANG Xiao
3:204	Analysis of <i>Sternochetus</i> spp. weevils (Coleoptera: Curculionidae) intercepted at the frontier ports of China YI Yi, CHEN Yan, ZHANG Lijie, LIU Ruosi, LIAO Fang
3:209	Imported insects <i>Parlatoria oleae</i> was intercepted on apple from Tajikistan LIU Yanjun, WANG Wenzheng, LI Huiping, WU Fuzhong, PEI Xuejing, LI Chunxin, MAO Benqian, GAO Hao, ZHANG Yan
3:215	Investigation and analysis on alien invasive plants in Beijing, Tianjin and Hebei Province SHI Qing, CHEN Xue, LUO Xuejing, CHEN Fengxin, REN Xiaohong
3:224	Factors affecting the incidence and damage caused by Huanglongbing in the orchards of Guangdong Province, China CHENG Baoping, PENG Aitian, SONG Xiaobing, LING Jinfeng, CUI Yiping, CHEN Xia
3:231	Spatiotemporal characteristics of soil microbial communities associated with rosewood, <i>Dalbergia odorifera</i> CHEN Guode, ZHONG Shengyun, GOU Zhihui, WU Haixia, DU Shangjia
3:236	Transcriptome analysis of <i>Verticillium lecanii</i> based on RNA-Seq technology ZHANG Mou, GAO Xi, HAO Kaiqiang, TAN Qing, PANG Renyi, LAN Mingxian, LI Zhaobo, XIA Tao, LU Wufeng, LI Jianyi, WU Guoxing
3:244	Event-specific multiplex PCR detection method for five genetically modified canola lines LU Jun, LI Gang, ZHAO Jianning, YANG Dianlin, XIU Weiming
3:251	The effect of mineral oil emulsion on the natural enemy <i>Aphidius gifuensis</i> (Hymenoptera: Aphidiidae) PAN Feng, CHEN Huaxiang, YIN Lihong
4:273	Species-specific COI primers for rapid identification of an exotic whitefly, <i>Siphoninus phillyreae</i> (Haliday) ZHANG Guifen, WANG Yusheng, XIAN Xiaoqing, WAN Fanghao, SHAO Jiawen
4:280	Protein extraction of <i>Frankliniella occidentalis</i> and establishment of two dimensional electrophoresis system WANG Jinxin, YANG Shuang, ZHANG Xinxin, ZHANG Juhong, XI Jinghui, WANG Jun
4:285	Effect of favorite and non-favorite host on the selectivity of <i>Frankliniella occidentalis</i> GAO Hang, ZHI Junrui, LIU Li

- 4:289 Effect of temperature on functional response of the parasitoid *Spalangia endius* (Hymenoptera: Pteromalidae) on the pupae of the melon fly, *Bactrocera cucurbitae* (Diptera: Tephritidae) ... LI Yangran, WU Weijian
- 4:293 Dynamics of soil enzyme activities and soil nutrients in the rhizosphere at different growth stages of three invasive plants LUO Xuejing, SHI Qing, JIA Yueyue, ZHANG Fengjuan
- 4:301 Effect of a high-methionine transgenic soybean (*Glycine max*) on soil organic elements and enzyme activities in the rhizosphere LIANG Jingang, MENG Fang, ZHANG Zhengguang
- 4:307 Analysis of the present situation of intercepted weed seeds from American sorghum
..... ZUO Ranling, JIANG Xiang, LI Panpan, YUWEN Dongfang
- 4:311 Analysis of electronic business data for succulents species resource based on web crawler
..... XUE Huajie, ZHANG Ning, FU Yining, XU Fei, WANG Shuping, XU Siyue, YIN Liping
- 4:316 Acute toxicity of ammonia and nitrite on juvenile and subadult redclaw crayfish (*Cherax quadricarinatus*)
..... PAN Xunbin, ZHANG Xiuxia, LU Yaopeng, ZHENG Peihua, WANG Anli, XIAN Jian'an
- 4:323 Synergism of avermectins and beta cypermethrin against *Tirathaba rufivena* (Walker)
..... ZHONG Baozhu, FENG Huande, ZHANG Zhongrun, LÜ Chaojun, GAO Yan
- 4:327 The effectiveness of a new fungicide, picoxystrobin against the banana sigatoka disease
..... SONG Xiaobing, PENG Aitian, LING Jinfeng, YIN Yu, CHEN Xia, LI Zili

NOTES

- 1:95 Harmful alien weed in Xinjiang — *Cyclachaena xanthiifolia*
..... DU Zhenzhu, CUI Yu, YAN Ping, XU Wenbin, HUANG Gang
- 1:98 Pest interception situation from Australian agricultural and wood products at entry port in China
..... WAN Jing, MA Jun, HU Xuenan, LIN Li
- 2:177 A first record of the ant species, *Polyrhachis bicolor* Smith, 1858 and the introduction of *Polyrhachis* into China
..... LIU Ruosi, ZHANG Lijie, LIANG Xinmiao, BIAN Yong
- 3:256 *Bracon adoxophyesi*, an important natural enemy of *Opisina arenosella*, found in Hainan Province ...
..... HUANG Shanchun, LI Chaoxu, YAN Wei, QIN Weiquan, MA Zilong, LIU Li