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辽宁省外来入侵有害生物特征初步分析

曲波, 张微, 翟强, 李楠, 王丽霞, 卢雁, 李天来

摘要:

通过2006—2008年野外实地调查和文献资料分析,对辽宁省外来有害生物进行总结。结果表明,目前对辽宁省造成危害的外来物种共计116种,分别为外来植物89种、外来害虫17种和外来病原微生物10种,其中危害性较强的主要有14种。这些外来物种的传播和扩散速度较快,传播途径多以无意引入为主,对辽宁省的经济和生态环境危害严重。外来物种入侵地多为生态系统结构单一的农田草场或人工林系统;入侵地多为辽宁省气候温暖湿润的南部,且生物多样性比较丰富的地区。

关键词: 外来物种; 入侵; 危害; 辽宁省

Preliminary analysis on invasive species in Liaoning Province

QU Bo, ANG Wei, ZHAI Qiang, LI Nan, WANG Li xia, LU Yan, LI Tian lai

Abstract:

Based on the field survey from 2006 to 2008 and literature review, the invasive species in Liaoning Province were summarized in this paper. The result indicated that totally 117 invasive species were identified in Liaoning. Among the invasive species, 89 species were plants, 17 species were pests, 10 species were pathogenic microbes. In which, 14 species were seriously harmful to environment and ecosystem. The spread of these invasive species were very fast and most of them were accidentally introduced to Liaoning. The ecosystem with simple structure was the main invading site such as crop land, pasture or planted forest, where the climate was warm and humid, and the biodiversity was rich.

Keywords: alien species; invasion; harm; Liaoning Province

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