Preliminary Evaluation of a Serious Game on Biological Invasions

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**Abstract.** Invasive alien species are one of the biggest threats that biodiversity faces worldwide. However, society remains poorly aware of this issue. In order to raise awareness on this matter among middle school students, a strategy board game was developed. A preliminary assessment of the game’s ability to improve players’ knowledge on this subject was performed based on the experience of 132 participants distributed through 11 game rounds. Results suggest this serious game was successful in engaging students with biological invasions as well as in increasing their literacy on this topic.

**Keywords.** Ecology, Environmental education, Science communication.

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