

研究论文

# 凤眼莲有性繁殖的研究 1.人工制种与种子萌发

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**摘要** 武汉和北京地区栽培的凤眼莲的结实器官发育良好,经人工授粉可获得种子。将种子经破皮处理,在适当的光照下,萌发率高达95%左右,实验证明凤眼莲种子是需光种子。本工作提出了人工制种和提高种子萌发率的简易方法,对推广凤眼莲的种子繁殖具有实用价值。

**关键词**

**分类号**

## STUDIES ON SEXUAL REPRODUCTION OF EICHHORNIA CRASSIPE S——1.GETTING SEEDS BY POLLINATION AND SEED GERMINATION.

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**Abstract** Based on anatomy the propagative organs of Eichhornia crassipes showfull devlopment in Wuhan and Beijing areas.The lack of pollinating agent makes it seedless in nature in above regions.After pollinationthe authors get seeds.We have proved that seed of E.crassipes is lightseed and have developed a simple method for getting seeds and makingtheir germinating rate as high as 95%.This will benefit to solve the difficult of E.crassipes to overwinter in the cold winter regions.

### Key words

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