

镇远舞阳河桃花水母调查

Peach Blossom Jellyfish Research

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桃花水母简介 Introduction to PB Jellyfish



桃花水母 又叫桃花鱼或降落伞鱼等，栖于淡水，体态透明，微带乳白色或粉红色，拇指般大小，触手数百条。是地球上一种最原始、最低等的无脊椎腔肠动物，距今约6.5亿年，被称为生物进化研究的“活化石”，有“水中大熊猫”之称.是一种稀有的濒临灭绝的物种。

Peach Blossom Jellyfish (PB Jellyfish) is an extremely rare freshwater jellyfish species. The endangered species is often called “aquatic panda” for its preciousness and its 650 million living history on earth.

调查目的和意义 Research Objectives

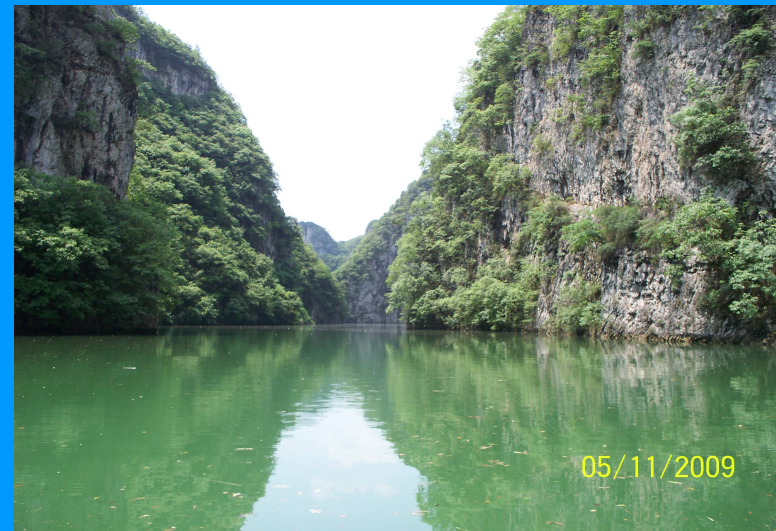
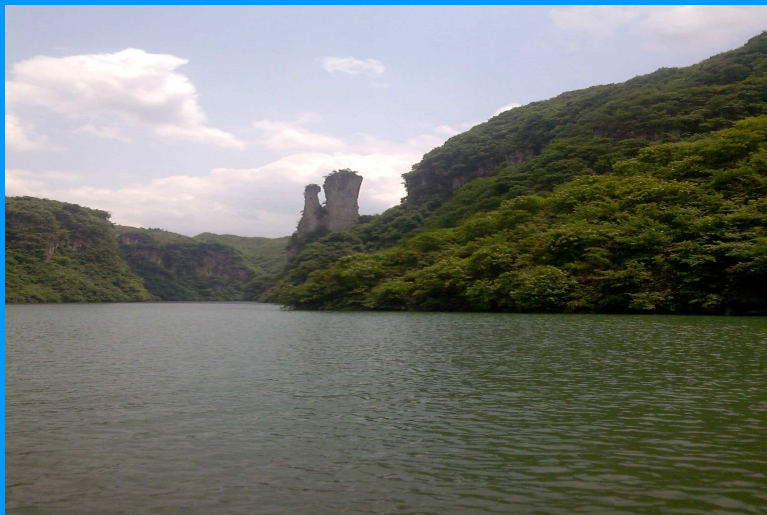
1. 培养学生的阅读兴趣和实地考察能力 Cultivate students' interest in reading and train their field work skills



调查目的和意义 Research Objectives

2. 呼吁人们对生态环境的保护

Call for eco-system protection



调查目的和意义 Research Objectives

3. 推动我县生态旅游业的发展
Facilitates the development of
the county's tourism industry



调查研究的过程 Research Procedure

第一阶段：查阅桃花水母的相关资料

Stage 1: Consult relevant written materials

1. 通过阅读图书，了解桃花水母的形态特征、分布、生活习性等。

Gain primary knowledge of PB Jellyfish by consulting books



2.通过网络进一步认识桃花水母的形态特征、生活环境等。 Further develop understanding of PB Jellyfish by online resources



第二阶段：实地调查 Stage 2: Field Work

1. 采访当地渔民和风景区工作人员 Interview local fishermen and workers in tourism area



第二阶段：实地调查 Stage 2: Field Work

2.取水样分析：根据渔民介绍，从桃花水母出现数量不同之处取了四处水样，粗略测定了水样的温度、pH 值等。

Water Sample Analysis: Analyzes four samples from different habitats of the PB Jellyfish. Subjects include water temperature and pH value, etc.



第二阶段：实地调查 Stage 2: Field Work

3.数据记录 Date Entry



样水 Sample Origin	温度 Temp	Ph范围 PH value
白水溪	17~18	7~8
舞阳河 码头	17~18	7~8
孔雀峰	17~18	7~8
猪角峰	17~18	7~8

第二阶段： 实地调查 Stage 2: Field Work

4. 结果分析 Outcome Analysis

(1) 还未出现桃花水母。 **The PB Jellyfish has not appeared**

(2) 分析可能主要原因： **Possible explanations:**

一是水温低，桃花水母还潜伏在水域深层；

The PB Jellyfish still stay at the deeper water level due to low water

temperature

二是个体小，即使有个别上浮，也不易被发现；

The Jellyfish is too small to spot

三是以水螅体的形式存在，未分离出水母体。

The Jellyfish exist in the form of hydranth

第三阶段：桃花水母的观察和采集

Stage 3: Sampling and Observing PB Jellyfish

本阶段将在**6~8月**进行。据当地渔民介绍，在舞阳河白水溪地段**6~8月**之间将出现大量的桃花水母，我们将抓住最佳时间对其进行观察和摄像，并取样制作成标本。

The stage 3 sampling and observation will be carried out from June to August.

第四阶段：调查研究总结

Stage 4: Research Summary

1. 根据调查研究结果，对环境保护和镇远的生态旅游进行大力宣传。
1. Promotes environmental protection and Zhen Yuan County's eco-tourism industry.
2. 通过调查研究的结果撰写桃花水母的相关论文。
2. Produces research papers on PB Jellyfish

最后，感谢青树基金会的大力支持和帮助！

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谢谢大家！ **Thank you!**

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