**5月7日  李庆军： Collaborations between stigma and anthers ensuring pollination success in gingers (Zingiberaceae)**

**讲座题目**：**Collaborations between stigma and anthers ensuring pollination success in gingers (Zingiberaceae)**

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**讲座地址**：闵行校区教师之家三楼报告厅

**主办单位**：生态与环境科学学院 科技处

**报告人简介：**李庆军博士为西双版纳热带植物园研究员、博士生导师，全国优秀博士学位论文、国家杰出青年科学基金获得者、首批新世纪百千万人才工程国家级人选，2001年获得国务院表彰的“国家级突出贡献专家”称号，并享受政府特殊津贴。中国科学院西双版纳热带植物园学术委员会副主任、委员。研究领域为植物传粉生物学及植物进化生态学，在国际著名学术刊物上发表论文几十篇，获云南省自然科学一等奖等多项奖励。

**报告摘要**：Distyly is thought to evolve from homostyly for promoting precise pollen transfer between morphs of same species. Some individuals varies in the degree of herkogamy within flowers were utilized to assess if flower can obtain more compatible pollen grains as the stigma approaching the position of reciprocal anthers, by counting the pollen deposition on the stigma of the emasculated flowers at the end of the blooming date. Our results revealed that the number of pollen grains and the proportion of heterospecific pollen positive correlated with the depth of stigma in the flower; which also indicated that the proportion of pollen grains that are from the anthers at middle or at mouth of flower tube is in a strong correlation with the length of style in the flower.