

## **ECOLOGIA REPRODUTIVA DE ANGIOSPERMAS**

**Carga Horária: 60 horas**

**Créditos: 04**

**Responsável: Profa. Cibele Cardoso de Castro**

**Ementa:** Ciclo de vida em Angiospermas. Biologia floral. Sistemas sexuais. Sistemas reprodutivos. Ecologia de polinização. Ecologia de dispersão de sementes. Relação entre a biologia reprodutiva de plantas e outras áreas do conhecimento (taxonomia, anatomia, agronomia, conservação). Métodos de trabalho em estudos sobre biologia reprodutiva. Desenvolvimento e apresentação de projetos individuais.

### **Referências:**

#### **LIVROS:**

- Aizen MA, Feinsinger P. 1994. Forest fragmentation, pollination, and plant reproduction in a Chaco dry forest, Argentina. *Ecology* 75: 330-351.
- Barret SCH. 2002. The evolution of plant sexual diversity. *Nature* (3).
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- Bawa, KS, Perry DR, Beach JH, Bullock SH, Perry DR, Coville RE, Grayum MH. 1985b. Reproductive biology of tropical lowland rain forest trees. II. Pollination systems. *American Journal of Botany* 72: 346-356.
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- Faegri K, van der Pijl L. 1979. *The principles of pollination ecology*, 3rd edition. Oxford: Pergamon.
- Feinsinger P, Beach JH, Linhart YB, Busby WH, Murray KG. 1987. Disturbance, pollination predictability and pollination success among Costa Rican cloud forest plants. *Ecology* 68: 1294-1305.
- Machado IC, Lopes AV, Sazima M. 2006. Plant sexual systems and a review of the breeding system studies in the Caatinga, a Brazilian tropical dry forest. *Annals of Botany* 97 (2): 277-287.
- Martin FN. 1959. Staining and observing pollen tubes in the style by means of fluorescence. *Stain technology* 34: 125-128.
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- Quesada et al. 2003
- Quesada M, Stoner KE, Lobo JA, Herrerías-Diego Y, Palacios-Guevara C, Murguía-Rosas A, Salazar CAO, Rosas-Guerrero V. 2004. Effects of forest fragmentation on pollinator activity and consequences for plant reproductive success and mating patterns in bat-pollinated Bombacaceous trees. *Biotropica* 36: 131-138.
- Richards AJ. 1986. *Plant breeding systems*. Allen and Unwin, London.

Webb CJ, Lloyd DG. 1986a. The avoidance of interference between the presentation of pollen and stigmas in Angiosperms. I. Dichogamy. New Zealand Journal of Botany 24: 135-162.

Richards AJ. 1986b. The avoidance of interference between the presentation of pollen and stigmas in Angiosperms. II. Herkogamy. New Zealand Journal of Botany 24: 163-178.

**PERIODICOS:**

Plant Systematics and Evolution

Flora

Plant Biology

American Journal of Botany

Revista Brasileira de Botânica