

Honey bee – *Passiflora edulis* Sims. (Passifloraceae) pollination found in the Pachamalai Hills, Eastern Ghats of Tamil Nadu.

Authors:

Nandagopalan V²,
Anburaja V²,
Johnson Gritto M² and
Uma Maheswari R¹.

Institution:

1. Department of Plant Science, Bharathidasan University, Trichy, 24, India.
2. PG and Research Department of Botany, National College, Tiruchirappalli – 620 001.

Corresponding author:
Anburaja V.

ABSTRACT:

Pollination is the process of fertilization in higher plants. In flowers, pollen is delivered to the stigma through a wide range of mechanisms that insure an appropriate balance in the genetic makeup of the species. For many plants, flowers are vital organs of reproduction containing both male and female gametes. For bees and other nectar-feeding animals, flowers are a source of food. In *Passiflora edulis*, pollen is distributed by bees. The flower is the device by which the plant recruits the bee. The bees and *P. edulis* have evolved an interdependent relationship.

Keywords:

Passiflora edulis, honey bee pollination, Pachamalai Hills, Eastern Ghats.