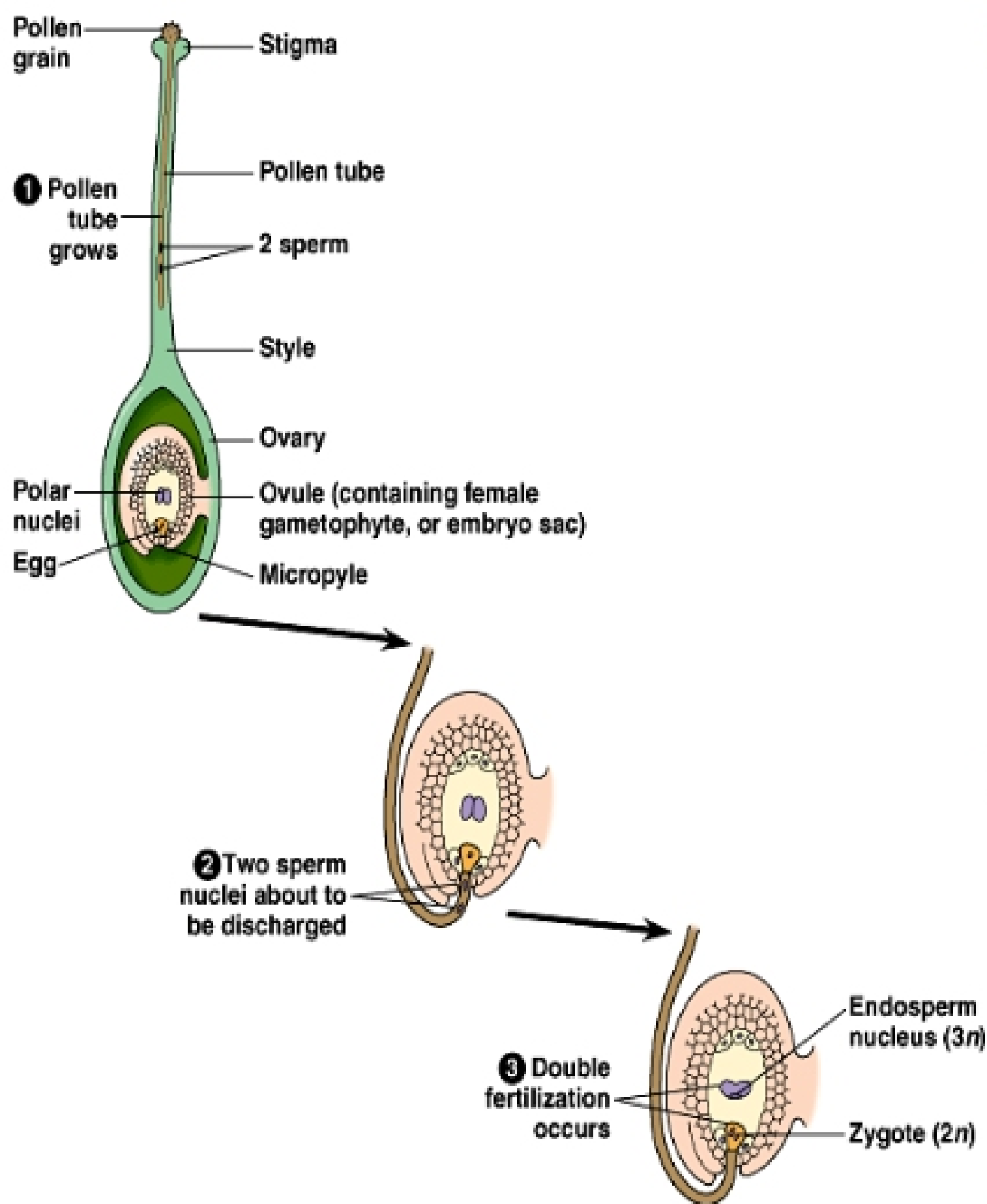


Fig. 38.4



1. The $2N$ megasporocyte nucleus undergoes meiosis to produce haploid nuclei.
2. One of these $1N$ nuclei divides multiple times by mitosis, producing several $1N$ clones. (The function of most of these cells is unknown.)
3. Double fertilization produces a $2N$ zygote and $3N$ endosperm

Kingdom Fungi



Order Hymenomyces.

Tribe Pileati.

Lactarius Indigo. Schw.

name - indigo, blue.

Benjamin
Cummings

Characteristics of Fungi

- Fungi are NOT plants

Justify this statement...

- Absorptive heterotrophs
- Reproduce by spores
 - * reproductive bodies are often the most visible
- “Ecologically active”
 - * **hyphae** = tubular units of construction
 - * secrete **exoenzymes**

Briefly describe an example in each of the following fungal lifestyles:

- decomposers
- parasites
- symbionts

