

## Karakteristik umum polen dan spora serta aplikasinya

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### Abstrak

Pollen grains and spores are an object which studied in palynology. Pollen is produced by seed plants which include gymnosperms and angiosperms. Pollen grains are male reproductive organ of seed plants.

Meanwhile, spore is produced by cryptograms which include ferns and Mosses. Cryptogram spores being a resting and dispersal phase in gametophyte. In the study of pollen grains and spores, the complexity of their structure and patterning has necessitated a specific terminology. The main characters of pollen and spores are unit, shape, aperture, and sculpture. They are an important and valuable information in palynology, so their applications relates to other knowledge such as geochronology, biostratigraphy, climate change, migration, flora evolution, stratigraphy, paleoecology, paleoclimatology and archeology