

Platanus sp.

species: **Platanus sp.** (Plane)

plant family: **Platanaceae**

at aerobiological analyses usually achieved determination level: **Platanus, Platanaceae**

photos:

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description:

outline: circular or rounded triangular in polar view, elliptical in equatorial view

size: polar axis: 19.5 (28-21) μm , equatorial axis 23.1 (21-25) μm .

apertures: tricolpate pollen with broad colpi, rounded at the endings. Membrane of the colpi scattered with conspicuous dots.

pollen wall: thin, microreticulate exine, lumina open less than 1 μm , thin intine thickens slightly in the area of apertures.

remarks to the plant:

Plane is a respectable deciduous tree which is commonly used as ornamental in parks and along roadsides. Most frequently planted is probably a hybrid of *Platanus orientalis* (originating from the Eastern Mediterranean) and *P. occidentalis* (from North America). One of the main characteristics is its brown-green and grey bark which peels off in large irregular spots, giving the stem a characteristic patterned appearance. Its large palmate lobed leaves resemble those of the maple. During April and May, inconspicuous male and female flowers appear separately on stalked globules. The bigger, long stalked fruit globules are eye-catching during winter time.

[more about the plant and allergy](#)