



primed position (b,c).

## Рассеивание спор

Sporangium encases the spores of a fern (a). Water evaporates through the thin cell walls of the annulus cells (along the spine of the structure), shortening one side of the sporangium's arm and ratcheting it back into a

Because the thick inner walls of the annulus cells resist collapse, the water pressure inside the cells drops and bubbles form in the liquid. The bubbles pop the cell walls outward, thereby restoring the arm to its original form and launching the spores (d,e).

http://www.naturalhistorymag.com/biomechanics/172095/spore-launchers