

# Life Cycle of *Achlya*

primary zoospores released and encyst at mouth of sporangium

cyst

new sporangium growing

primary zoospores forming inside of sporangium

**ASEXUAL**  
diploid

release of secondary zoospores from cyst

secondary zoospore

germination

sporangium growing

mycelium

germination of oospore

meiosis occurs in developing oogonia and antheridia

developing oogonium

**SEXUAL**

diploid

haploid

oogonium

oosphere

antheridium

maturation of oospores

karyogamy

plasmogamy

penetration of fertilization tube

