Aspergillus

flavus, fumigatus, niger
Aspergillus flavus

Small head and spores of *A. flavus* on Sabouraud agar (Unstained).
Aspergillus fumigatus

Mycelium with fingerlike branches in fresh sputum smear (Cotton blue stain).
Aspergillus fumigatus

Gram-positive staining branching mycelium from *A. fumigatus* in pus (Gram stain).
Aspergillus fumigatus

In culture. The head has a single row of sterigmata. There is a gradual transition between the vesicle and the conidiophore (Unstained).
Aspergillus fumigatus

Several heads with a single row of sterigmata in culture. There is a gradual transition between the vesicle and the conidiophore (Unstained).
Aspergillus fumigatus

Velvety dark greenish colonies in culture on blood agar.
Aspergillus niger

Large mycelium threads from *A. niger* in exudate of external otitis (Gram stain).
Aspergillus niger

The heads of *A. niger* in culture are round. There is no transition between the vesicle and the conidiophore (Cotton blue stain).
Aspergillus niger

The heads of *A. niger* in culture are round (Unstained).
Spores of *Aspergillus fumigatus* and *Aspergillus niger*

The axesual spores of *A. fumigatus* measure approximatively 2μ and are smooth, those of *A. niger* 5μ, and are brown-black with often a spiny surface (Cotton blue stain, Unstained).