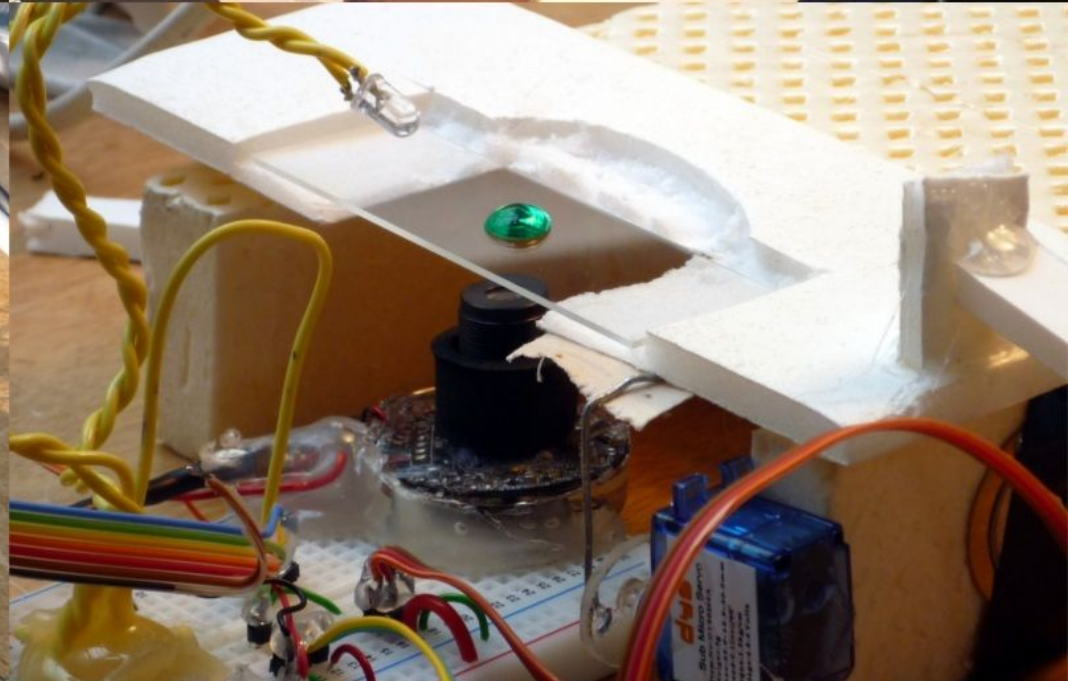
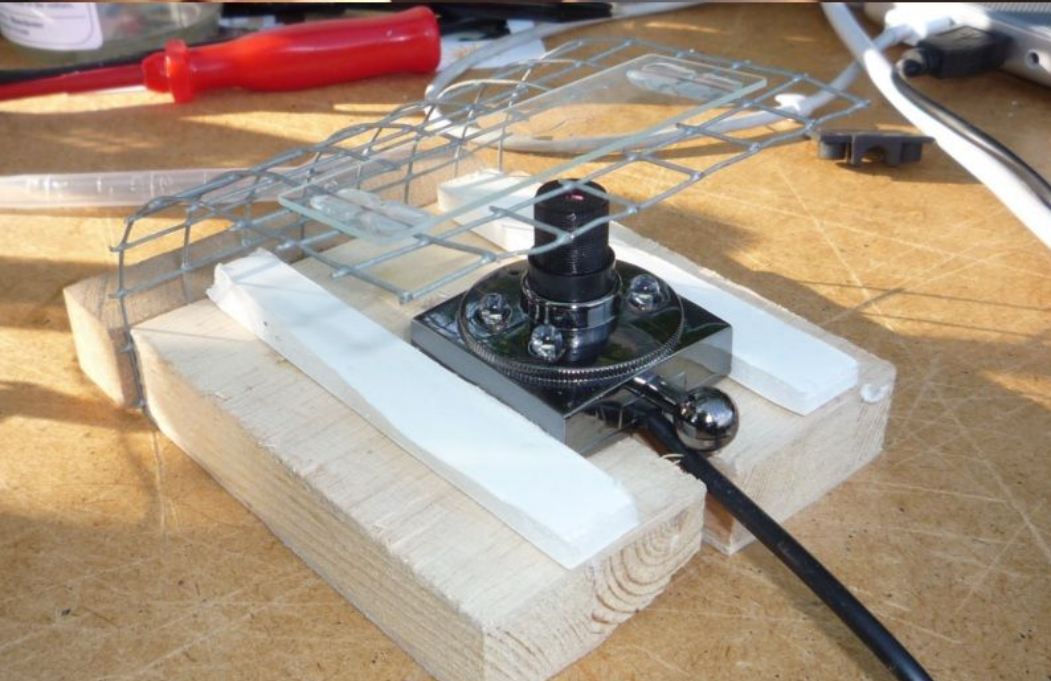
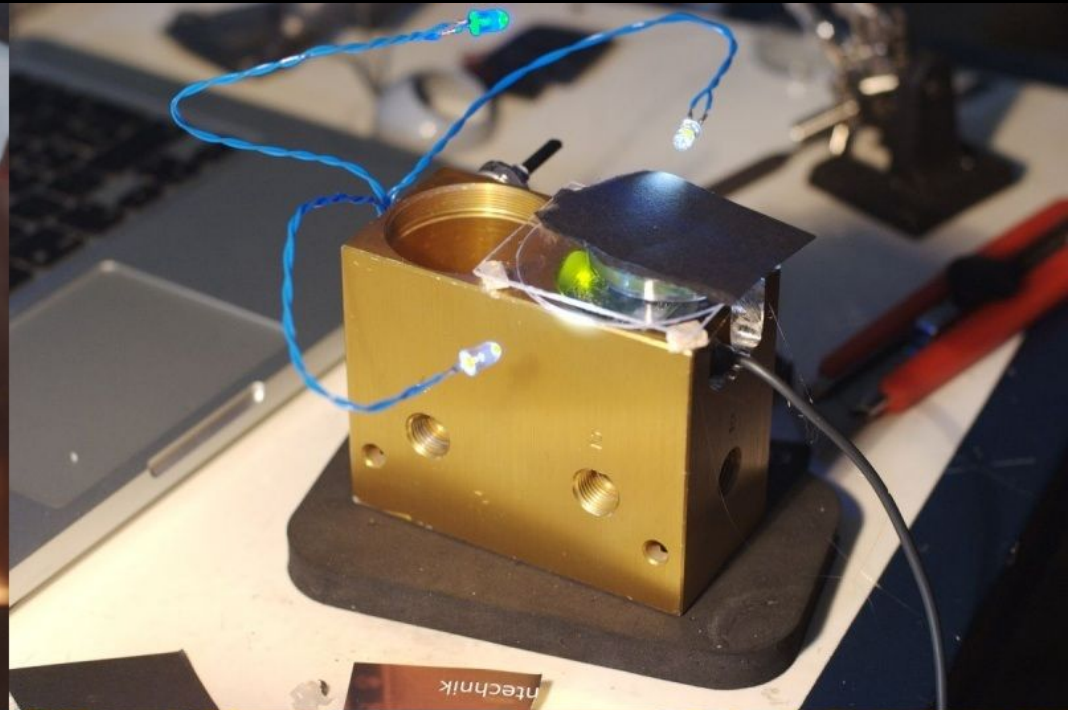


# DIY microscopy

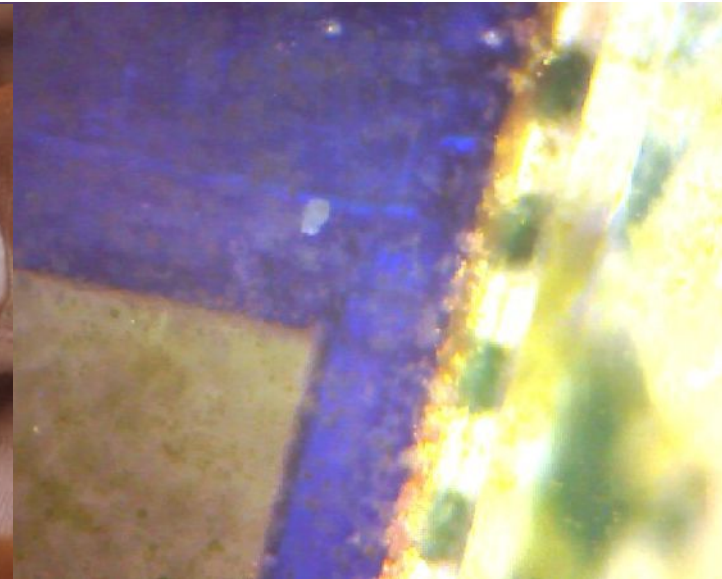
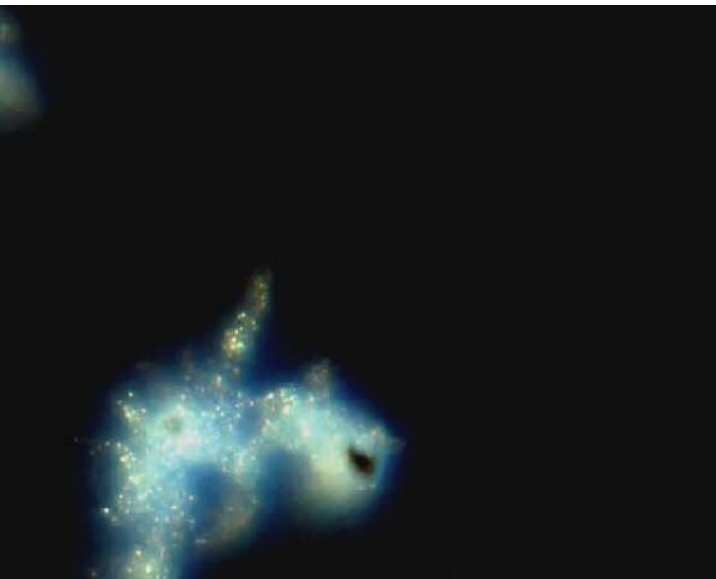




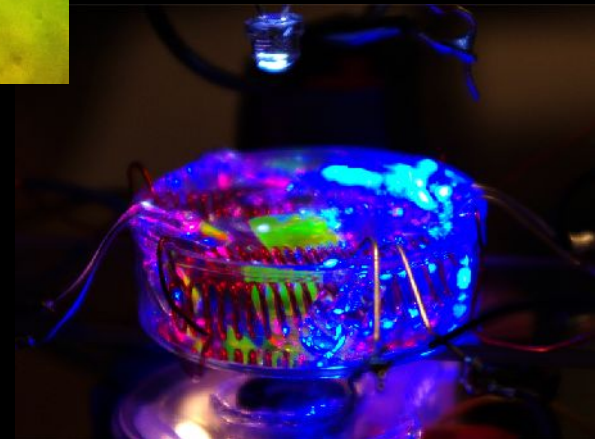
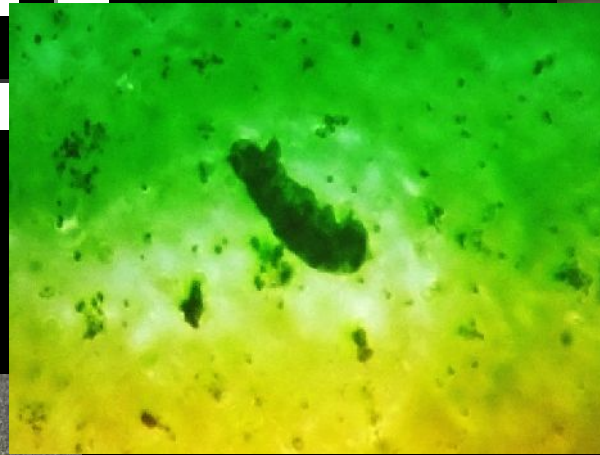
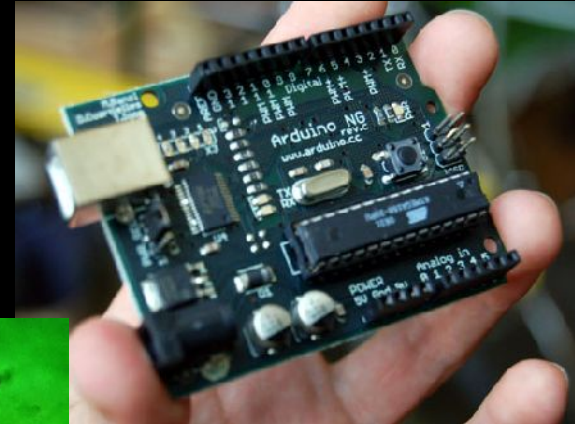
# hackteria

## Bioelectronix for Artists

DIY Biology | bioelectronix | DIY microscopy | webcam hacking | living microorganisms

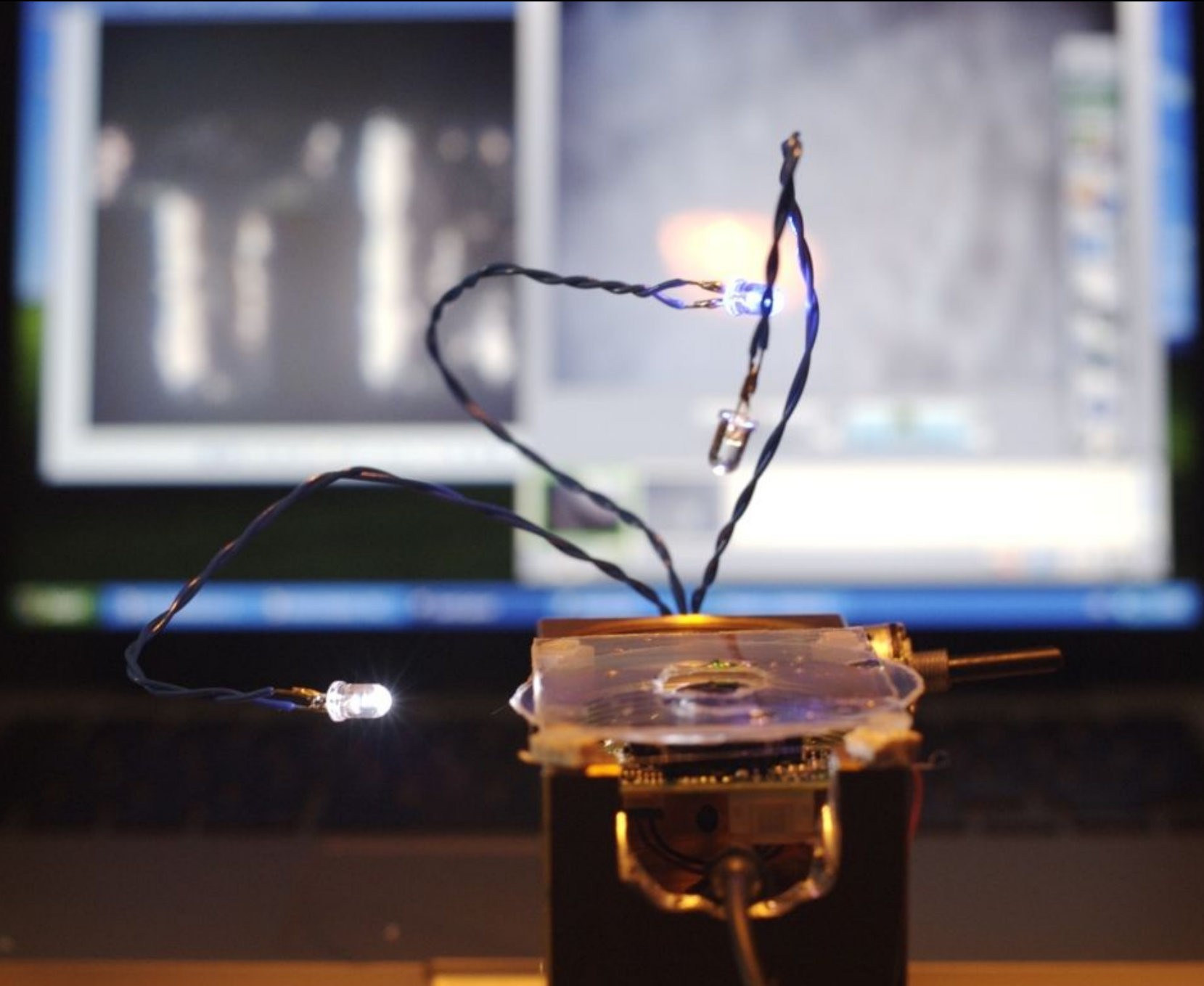


# Open Software/Hardware/Wetware





# DIY microscopy @ NK, Berlin



# DIY microscopy @ Srishti, Bangalore





# h a c k t e r i a

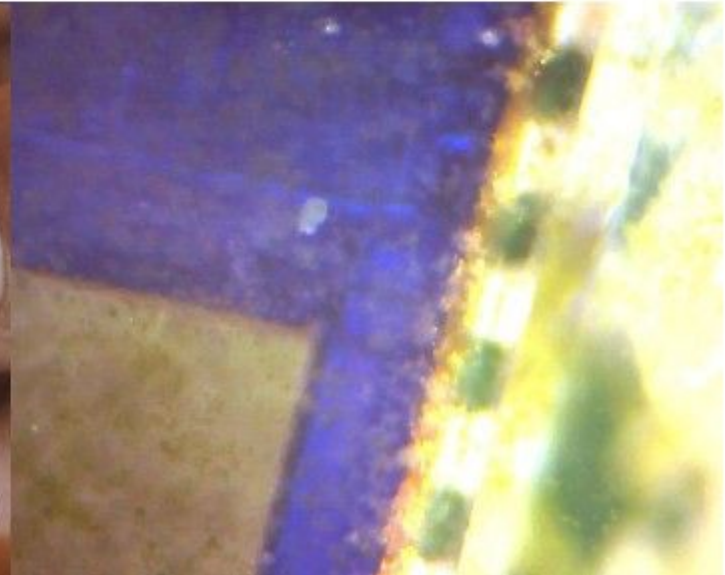
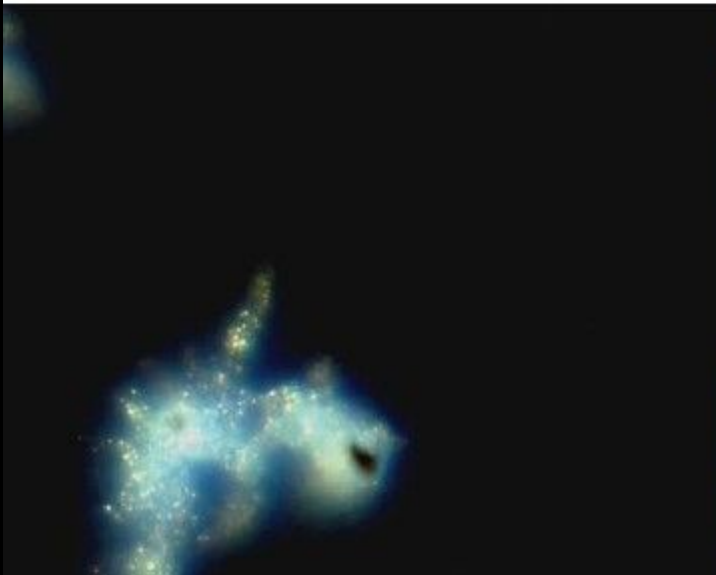
## DIY microscopy for ~~Artists~~

**Scientists**

10. August 2009, 14:00 - 18:00

DIY Biology | bioelectronix | DIY microscopy | webcam hacking | living microorganisms

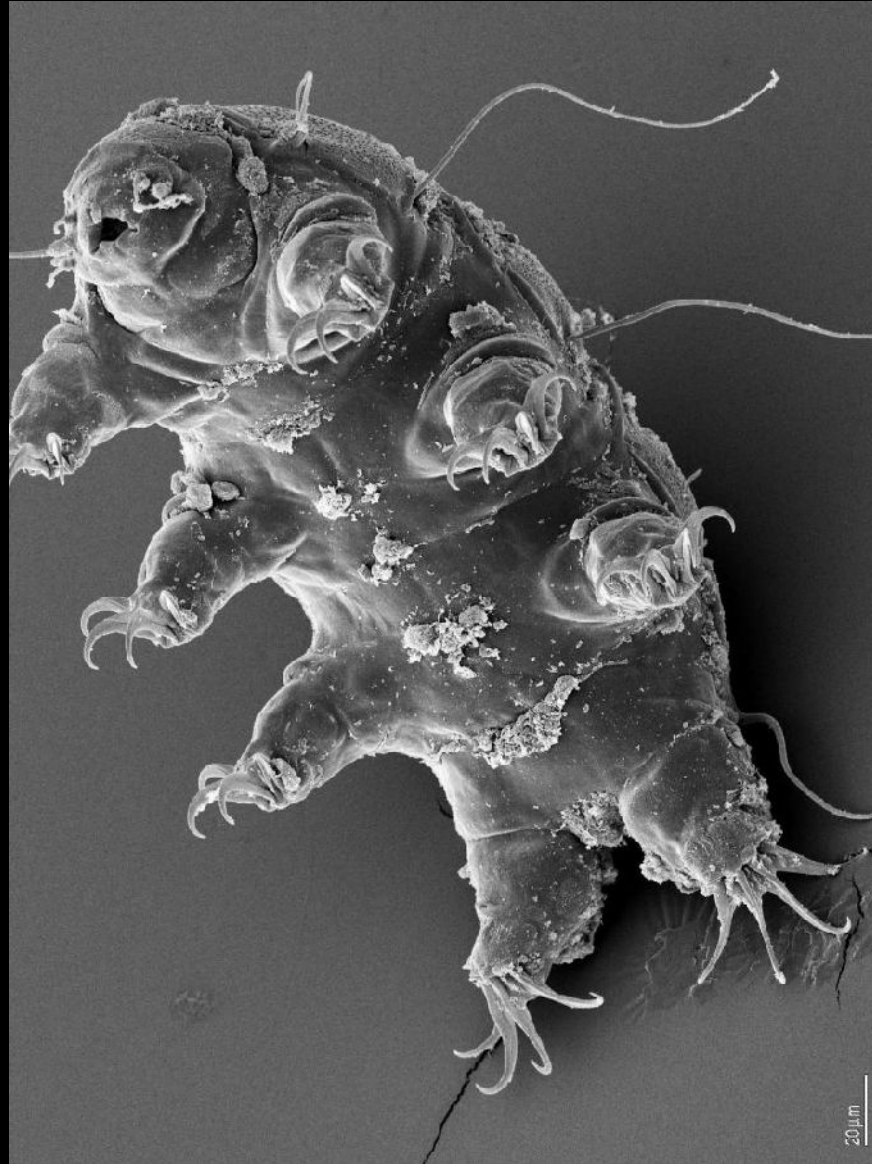
Laboratory of Soil and Environmental Microbiology  
Faculty of Agriculture, Gadjah Mada University in Yogyakarta, Indonesia



# Bioelectronix @ cellsbutton#03, Yogya

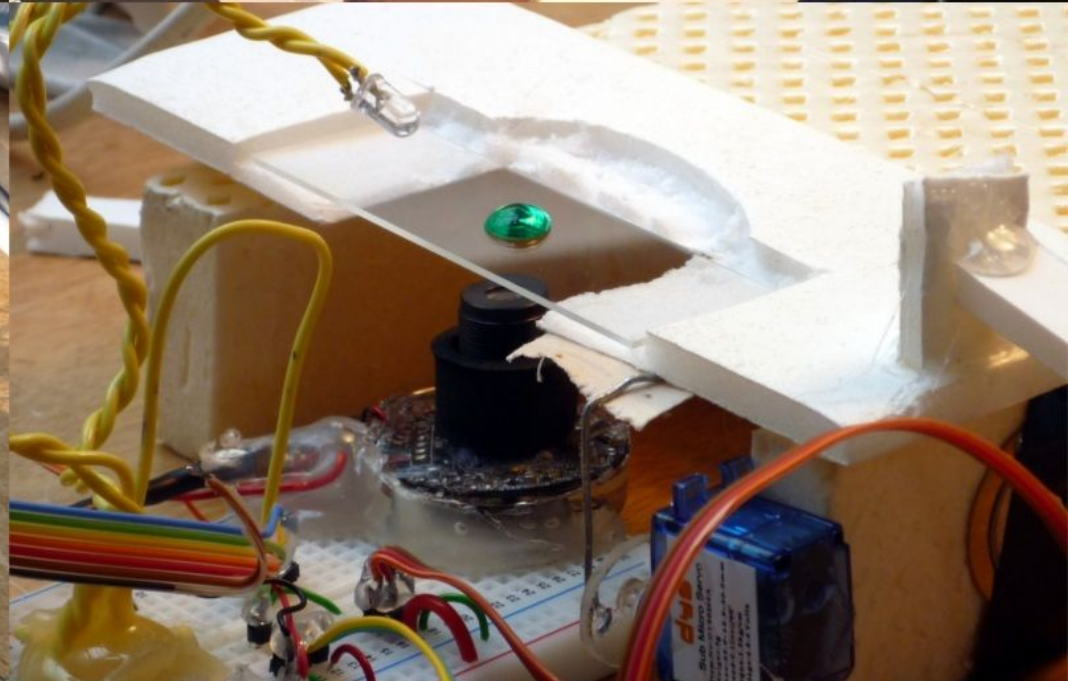
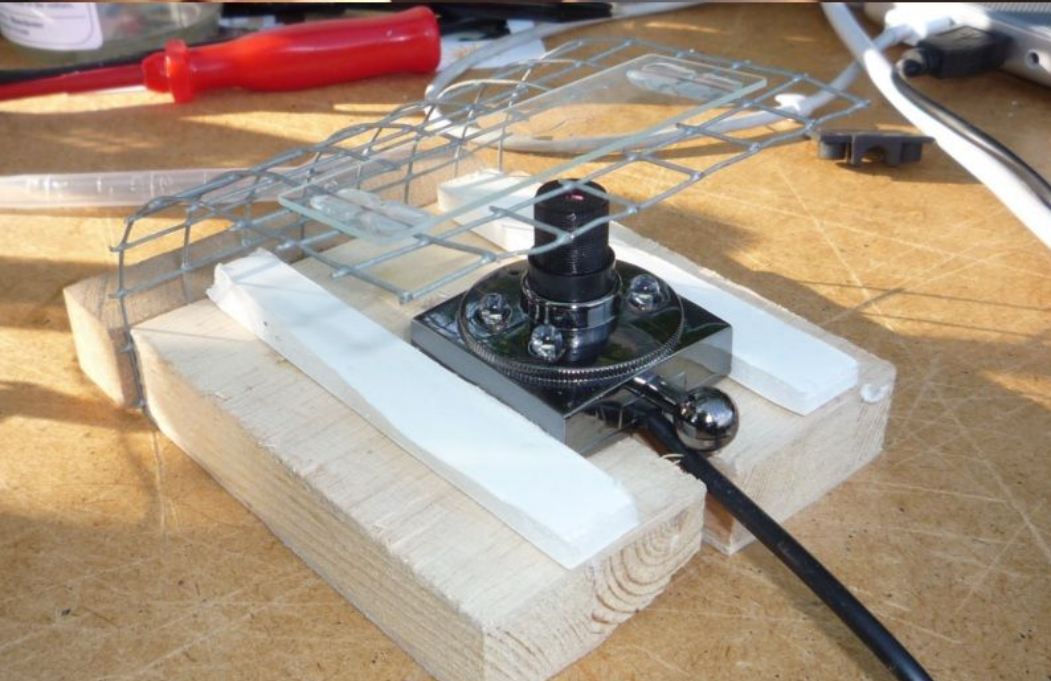
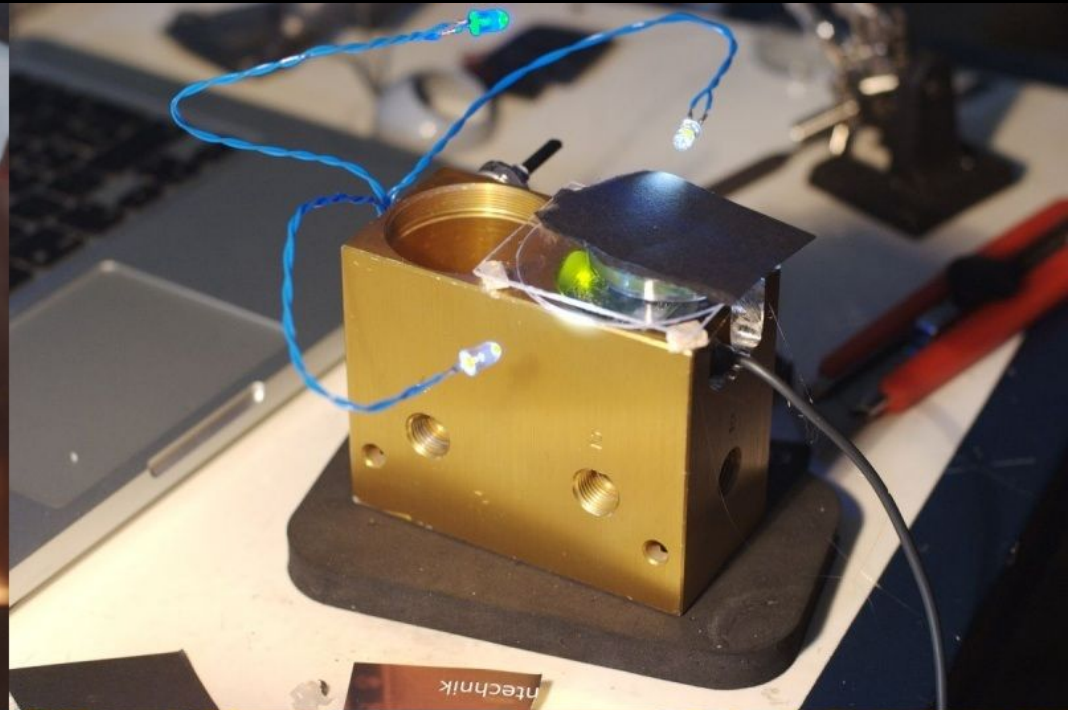






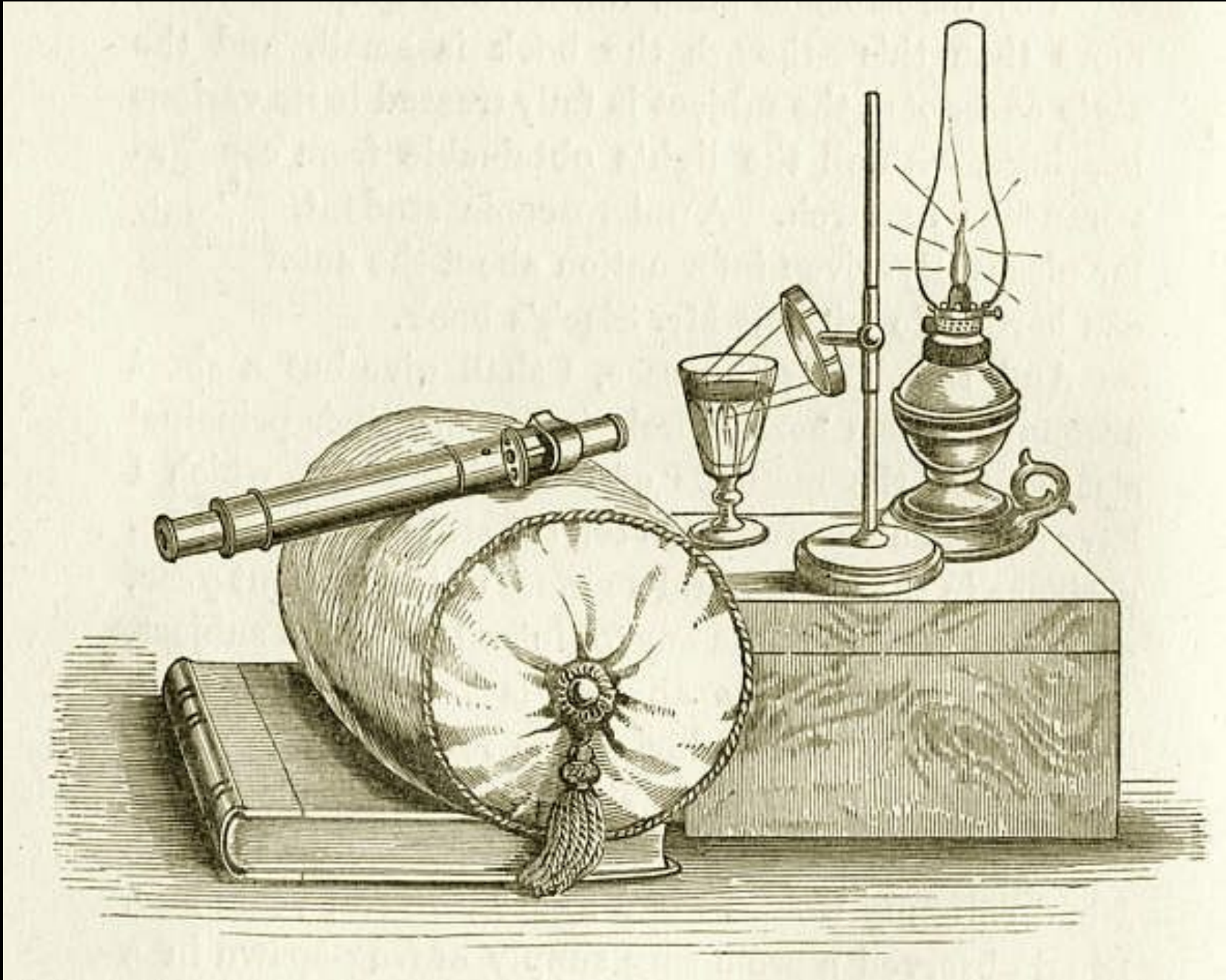


# DIY microscopy





# Historic Examples

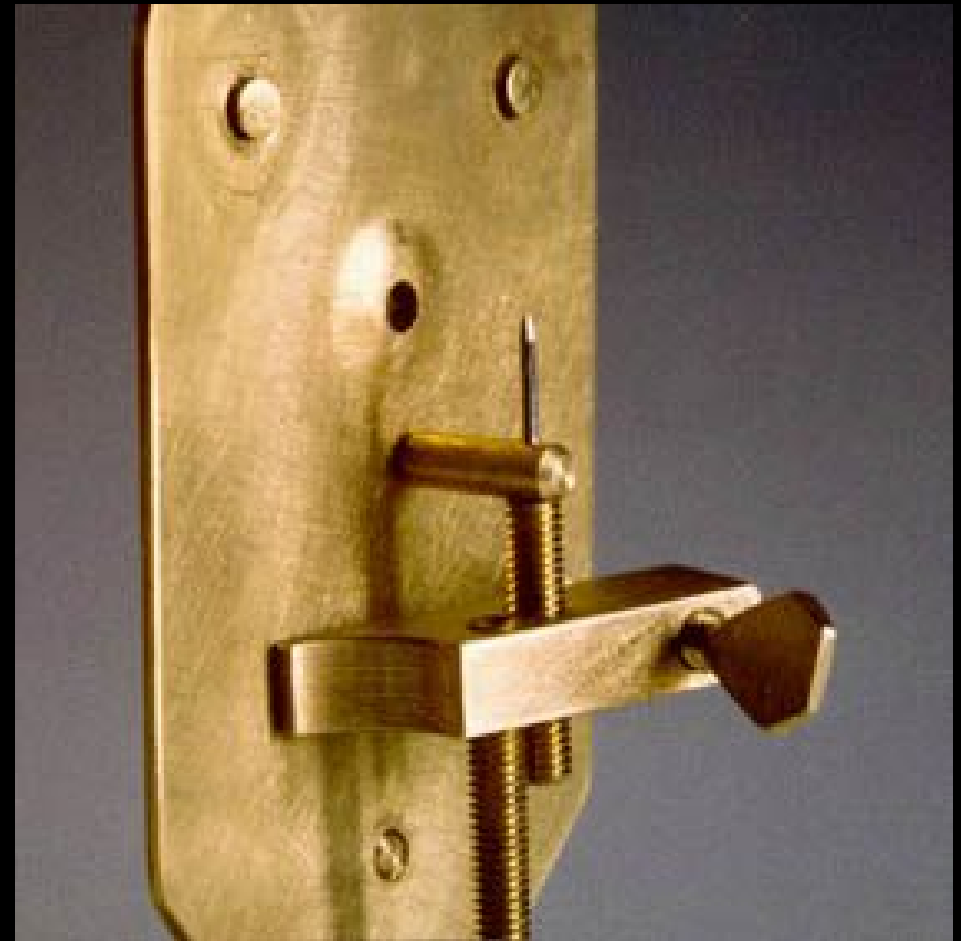
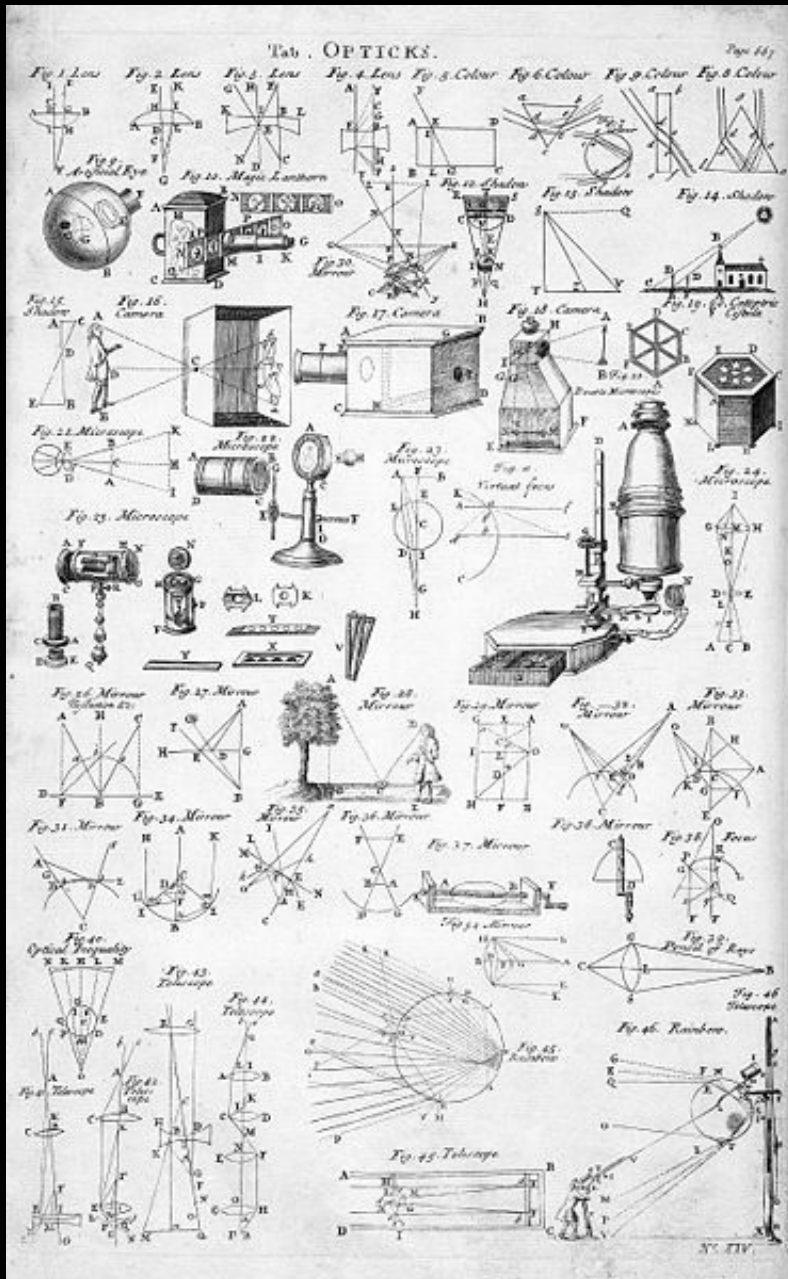




# Build a microscope



# Looking at Things

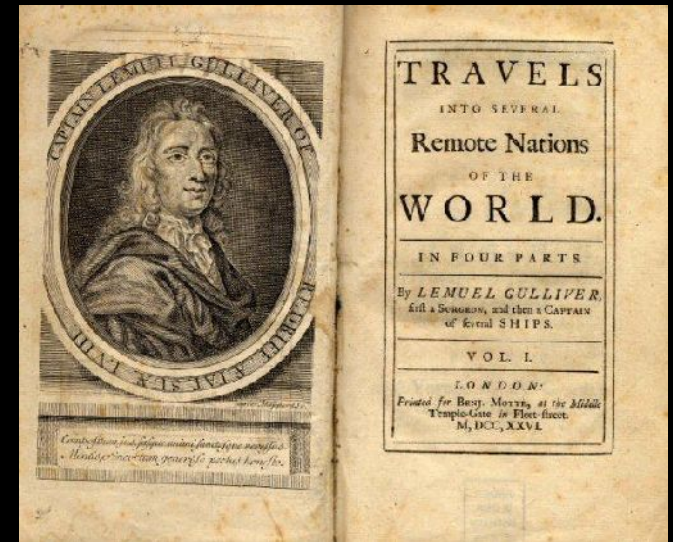




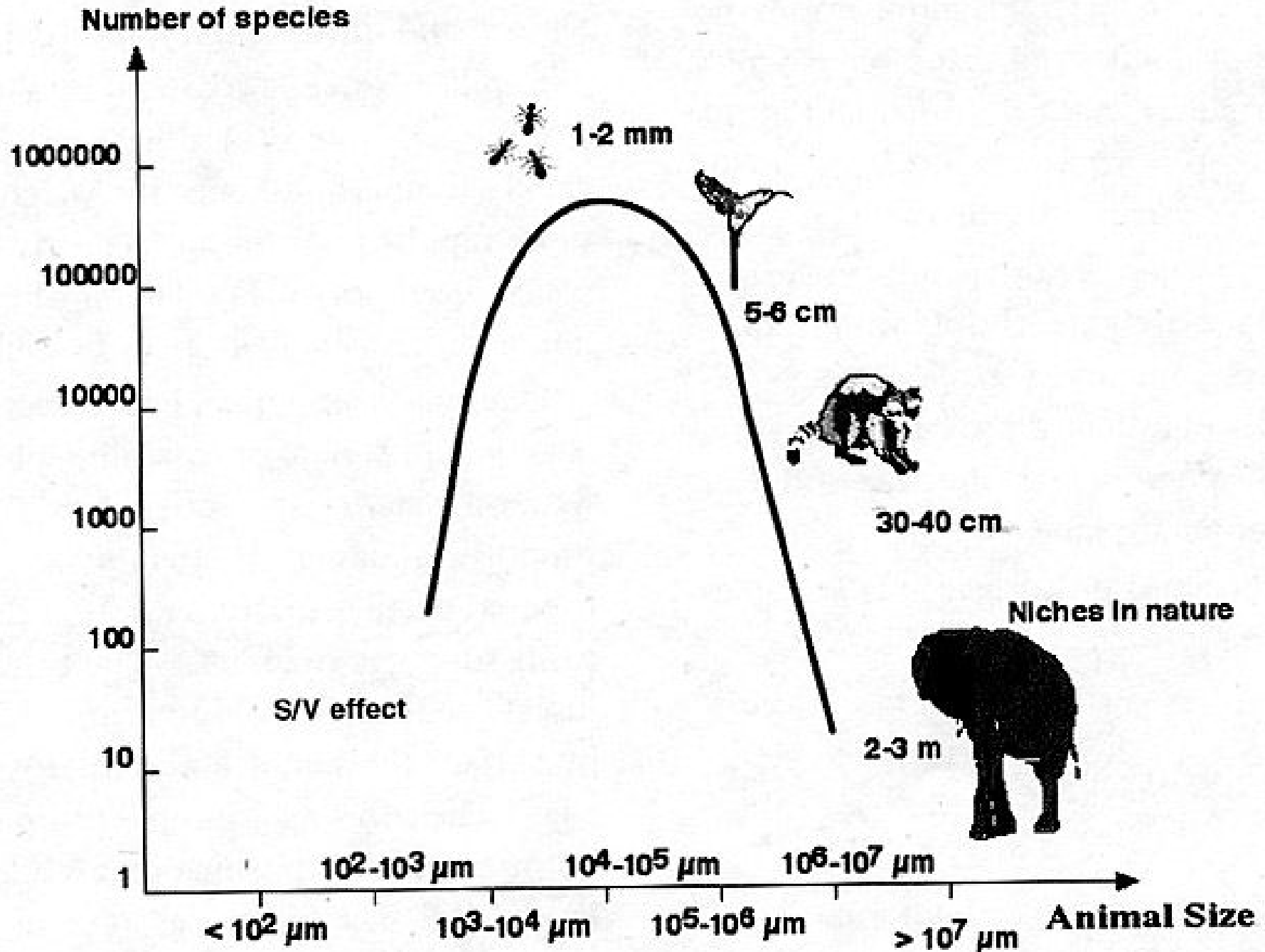
# The Size of Things

“... nothing is great or little otherwise than by comparison.”

**Jonathan Swift**, “*Gulliver’s Travels*”, 1726  
Irish essayist, novelist, & satirist (1667 - 1745)



# The Size of Things





# Multicellular Microorganisms



Caenorhabditis elegans, Fadenwurm



Rotifers (1000 Cells)



Tardigrada, Bärtierchen, war 2007 im Weltraum, ESA Projekt TARDIS

