

SCIENTIFIC NAMES

1. *Eubacterium isolatum* → the oldest accurately dated life form (i.e. a microorganism) which dated back 3500 million years.
2. *Bemisia tabaci* → white fly
↳ transmit cotton leaf curl disease
3. *Agrobacterium tumefaciens* → used in producing transgenic plants such as golden rice.
4. *Vibrio cholera* → a curved gram negative bacterium
5. *Salmonella typhi* → a rod-shaped gram negative bacteria
→ causing typhoid fever
6. *Mycobacterium tuberculosis* → an acid-resistant bacillus bacterium
7. *Streptococcus pneumoniae* → capsulated gram-positive bacterium
8. *Entamoeba histolytica* → Amoeba causing dysentery
9. *Balantidium coli* → A ciliate inhabiting the intestinal tracts of pigs and rats
10. *Phytophthora infestans* → member of oomycota (water mold) causing late blight of potatoes.
11. *Armillaria ostoye* → (Honey mushroom) i.e. fungi → World's largest organism

12. *Rhizopus stolonifer* → member of zygomycota
→ the common bread mold
13. *Penicillium* → belongs to ascomycota (sac fungi)
14. Yeast → belongs to ascomycota
14. *Saccharomyces cerevisiae* → Yeast
15. *Ulva* and *Ectocarpus* → Algae having both generations independent and morphologically and structurally identical
16. *Marchantia* → Liver wort
17. *Anthoceros* → Horn wort
18. *Funaria* and *Polytrichum* → Mosses
19. *Sphagnum* → Peat moss
20. *Calamite* → extinct specie of sphenopsida (horse tails)
21. *Equisetum* → the only surviving genus of sphenopsida
22. *Cedrus deodara* → A Gymnosperm utilized in construction boats, railway lines etc.
23. *Pinus roxburgii* → chir pine (Gymnosperm)

24. *Pinus gerardiana* → chilghoza pine (Gymnosperm)
25. Sarsaparilla, Smilax and yams → monocots showing reticulate venation
26. *Calophyllum* (Alexandria laurel) → A dicot showing parallel venation
27. *Cassia fistula* → Amaltas (Typical Raceme)
28. Daffodil → *Narcissus* sp.
29. *Atropa belladonna* → Deadly nightshade
 - produce extremely toxic chemical atropine
 - Atropine used to relax muscles of eye and stop muscular spasms.
30. *Taxus baccata* → English yew
31. *Hydrilla*, *Vallisneria*, *Potamogeton* → Hydrophytes (Plants)
32. Xerophytes → Cactus, *Opuntia*, Aloe, *Ruscus*, Acacia, *Calotropis*, *Zizyphus*
33. Halophytes → *Salsola* (salt wort), *Rhizophora*
34. *Linum usitatissimum* → Flax
35. *Canabis sativa* → Hemp

36. *Corchorus capsularis* → Jute

37. *Pyrus communis* → Pear

38. *Hoya carnosa* → Wax Plant

39. *Neisseria gonorrhoeae* → causes Gonorrhoea

40. *Treponema pallidum* → causes Syphilis

↳ A bacterium

41. *Acetabularia* → unicellular algae

→ 2-3 inches in length

→ inhabits European seawater

→ It has a stalk with a characteristic cap and base containing nucleus

Acetabularia mediterranea → umbrella-shaped cap

Acetabularia cranulata → irregular head

42. *Triton taeniatus* → pigmented newt

43. *Triton cristatus* → Non-pigmented newt

44. Rubella virus → causes Rubella (German Measles)

45. *Pisum sativum* → Garden pea