

Key Words

Porifera

Sponge phylogeny
Parazoa
Multicellularity
Colonial hypothesis
Radial ancestor
Secondary bilateral symmetry
Coenocytial hypothesis
Bilateral ancestor
Secondary radial symmetry
Polyphyletic hypothesis for origin of animals
Taxonomy
Class Calcarea
Class Hexactinellida
Class Demospongiae
Class Homoscleromorpha
Spicule structure and composition
Calcium carbonate
Silica
Spongin
Porifera architecture
Specialized cells
Choanocyte
Flagellum
Collar
Central cell body
Feeding cells
Porocyte
Spongocoel
Ostium
Pinacocyte
Mesohyl
Amoeboid cell
Mesenchyme
Osculum
Ascon body form
Sycon body form
Dermal pores
Incurrent canal
Radial canal
Leucon body form
Excurrent canal
Choanocyte chambers
Crusts
Digestion
Distribution of nutrients
Phylogeny of body form evolution
Asexual reproduction
Budding
Meiosis in choanocytes/amoeboid cells
Hermaphrodite
Monoecious
Release of gametes
Protandry
Sponge lifecycle
Planktonic larva
Parenchymula larva
Amphiblastula larva
Gemmules
Micropyle
Amoeboid cells
Archeocytes
Totipotency
Fragmentation
Regeneration
Diffusion
Flagellar ventilation
Physical and chemical defenses
Serrated edges
Organic compounds
Feeding repellents
Toxic
Coral growth inhibitors
Ecology
Filter feeding
Calcium cycle in oceans
Microhabitats