Water Transport Origins And Early Evolution

Eukaryotic Origins – Concepts of Biology

Recognize how different sugar concentrations at sources and different types of sinks affect the transport pathway used for loading or unloading sugar; Compare and contrast the mechanisms of fluid transport in xylem and phloem.

Sugar Transport in Plants: Phloem | Organismal Biology

The origin of water on Earth is the subject of a body of research in the fields of planetary science, astronomy, and astrobiology. Earth is unique among the rocky planets in the Solar System in that it is the only planet known to have oceans of liquid water on its surface. Liquid water, which is necessary for life as we know it, continues to exist on the surface of Earth...

Origin of water on Earth - Wikipedia

The origins of the Industrial Revolution, which took place between 1750 - 1900, was a period of great change in Britain. There were huge technological advances which had an impact on every aspect of life.

The Nature of World War II | Origins

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golf, a cross-country game in which a player strikes a small ball with various clubs from a series of starting points (teeing grounds) into a series of holes on a course. The player who holes his ball in the finest strokes wins. The origins of the game are difficult to ascertain, although evidence now suggests that early forms of golf were played in the Netherlands first and then in Scotland.

Eukaryotes and their Origins | Organismal Biology

Photosynthesis using water as an electron donor consumes carbon dioxide and releases molecular oxygen. Still other early prokaryotes evolved mechanisms, such as aerobic respiration, to exploit the oxygenated atmosphere by using oxygen to store energy contained within organic molecules. Aerobic respiration is a more efficient way of obtaining energy from...


On December 10, 1943, famed war correspondent Ernie Pyle sat above a newly constructed port in Sicily—the island near Italy’s toe—that Anglo-American forces had treaded in early July—taking in the scene below. Pyle had sailed with Allied troops across the Mediterranean from North Africa.

Origins Birth Center Dallas | Your Dallas Midwives

Eukaryotes and their Origins. Learning Objectives: Explain the endosymbiotic theory for the origin of eukaryotes; Use evidence from the endosymbiotic theory to place the origin of mitochondria and chloroplasts on the tree of life. Identify and describe the key adaptations unique to eukaryotes ( Sex/Meiosis, Mitosis, Mitochondria, Nucleus, Linear chromosomes) Explain the...