



Scientists have discovered that prokaryotes are exceptionally resilient to climate change and may increasingly dominate marine environments as a result. This finding highlights their adaptability and potential impact on ocean ecosystems.

Prokaryotes

Definition: These are organisms that lack a true nucleus and membrane-bound organelles.

Genetic Material: Typically a circular DNA molecule, is present in the cytoplasm without being enclosed within a nuclear membrane.

Types: Bacteria and archaea.