Ingestion

CaCO₃

Grazing

Air-sea interface

Layer below

Layer above

Air-sea gas exchange

DIC

Photosynthesis

Respiration and mortality

Mortality

Formation

Dissolution

Remineralisation

Sinking

Refux

Grazing

Unassimilated material

Messy feeding

Excretion

Zooplankton

Phytoplankton

Assimilable material