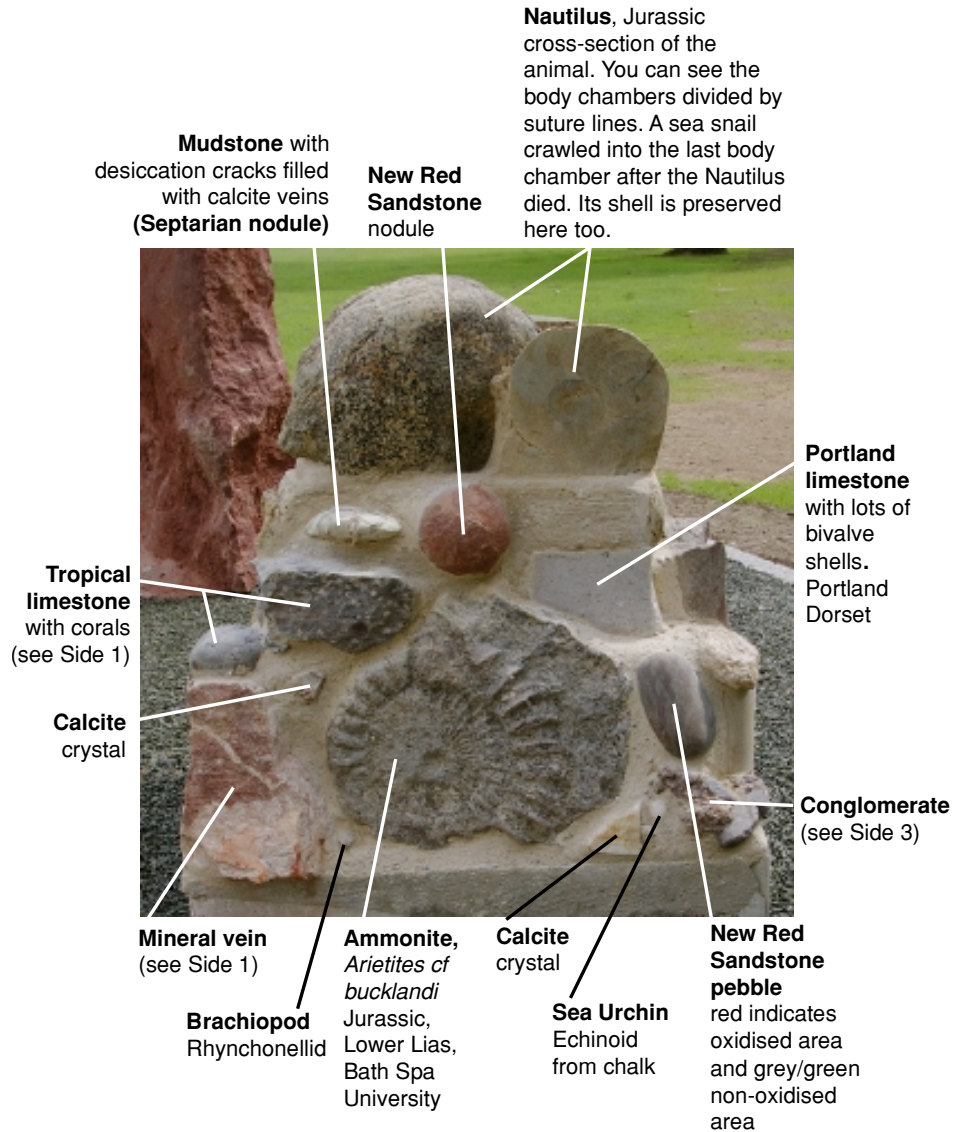


Sedimentary climbing block Side 4



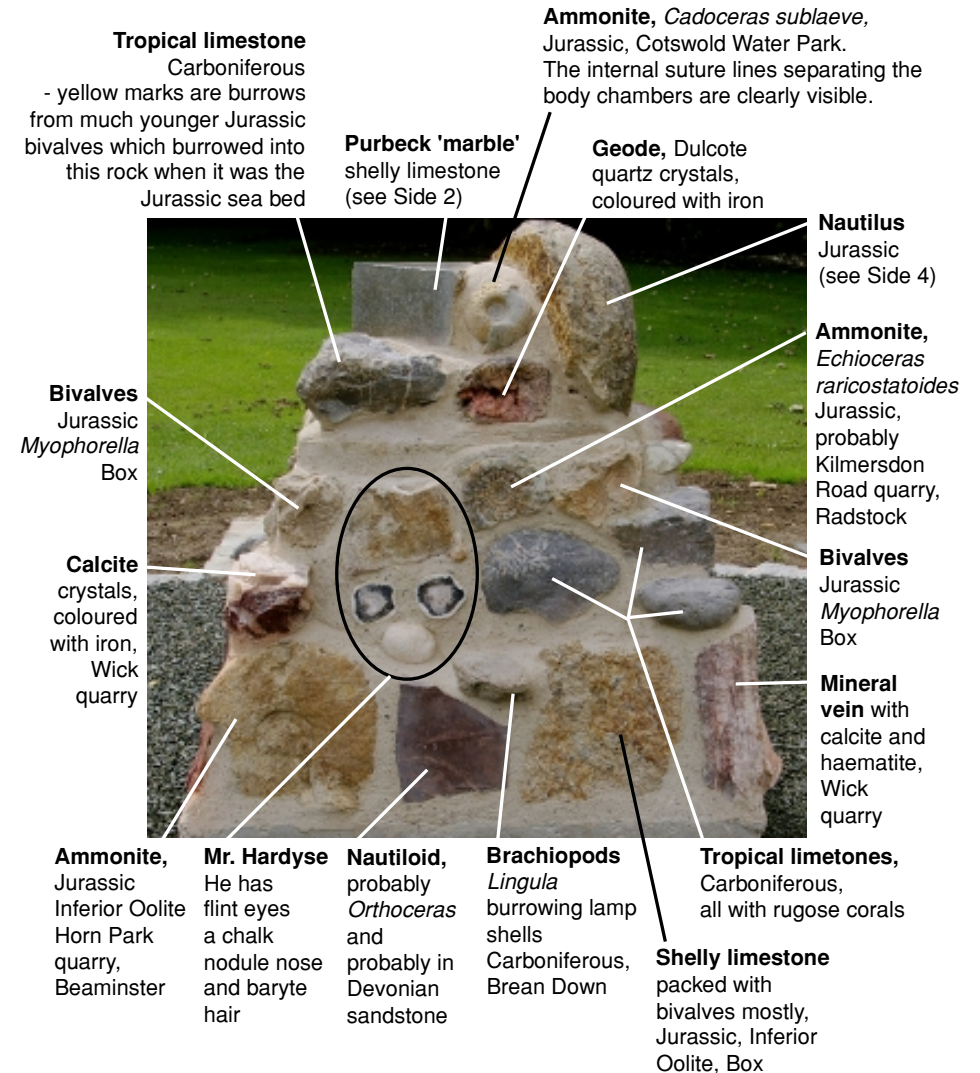
The project has been mostly funded by a Landfill Communities Fund grant from The Hills Group Limited through Community First, the Community Council for Wiltshire. The Third party contribution has been received from the Corsham Area Board. Fossil rubbings have been provided by the Curry Fund, Geologists' Association. Full details of other generous donations can be seen on the website.

BOX ROCK CIRCUS

Lower recreation ground, Box, Wiltshire SN13 8NT

SEDIMENTARY CLIMBING BLOCK

Side 1



Sedimentary climbing block Side 2

Ripple marks in fine sandstones. They are symmetrical formed by currents moving to and fro on the sea bed. The blobs on the top specimen are fish poo!

Purbeck 'marble' hard, shelly limestone packed with little bivalve shells - used in pillars of Salisbury Cathedral, Cretaceous

Burrows in tropical limestone (see Side 1)

Bivalve, oolitic limestone, Box

Ammonite *Harpoceras falciferun* Jurassic, Ilminster area

Gastropod internal cast of this sea snail 'Roach Stone' Portland Dorset

Calcite (see side 1)

Galena lead sulphide Stancombe quarry

Conglomerate (pebble rock)

Iron nodule Greensand Seend Wiltshire

Shelly Limestone Jurassic (see Side 3)

Brachiopod External mould in limestone

Haematite (iron oxide) Wick quarry

Oolitic limestone, Jurassic showing very fine current bedding. The deposition of the ooliths by currents caused this bedding which is characteristic of 'Bath' stone.

Sea Urchins Echinoids from the chalk

Bone Bed - Upper Triassic, Penarth Group, Westbury Formation. Most of the rib fragments and teeth are from the bony fish, the ostichthyian, *Severnichthys* probably from Garden Cliff or Goldcliff, Westbury on Severn.

Tree bark - *Sigillaria*, woody stem material from low down on the tree, towards the root system, Carboniferous, Pennant sandstone, probably Writhlington, Somerset



Sedimentary climbing block Side 3

Nautilus, Jurassic (see Side 4 for details)

Purbeck 'marble' shelly limestone (see Side 2)

Sea Urchin, Echinoid, from chalk

Calcite crystals

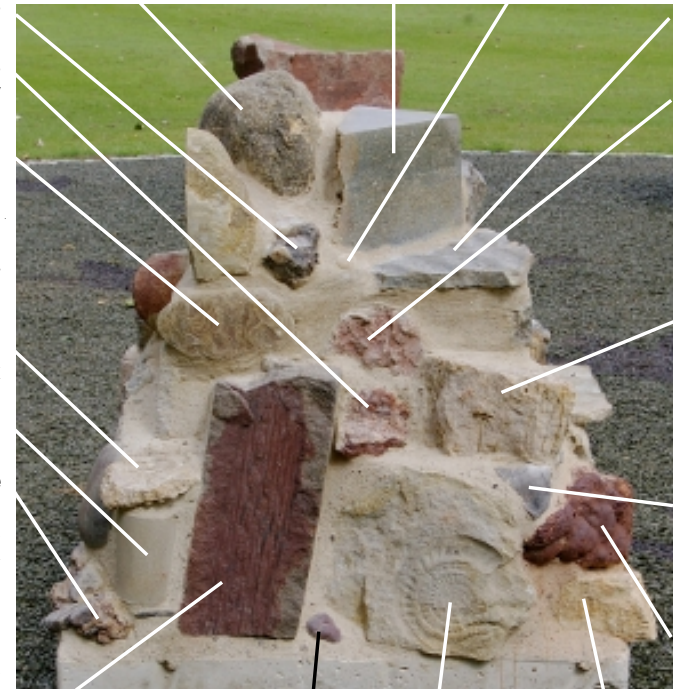
Calcite crystals Wick quarry

Sandstone with iron staining. Can you see the shiny mica grains in it?

Bivalve shell clam from Box

Sandstone

Conglomerate (pebble rock) The pebbles are rounded so they must have been eroded and transported for a long time before they were deposited and cemented together



Ripple marks (see Side 2)

Shelly limestone packed with fossils including corals. Wenlock, Silurian

Oolitic limestone, Jurassic - long burrows down from the sea bed surface

Brachiopod, Carboniferous limestone, Mendip Hills

Haematite (see Side 2)

Tree bark - *Sigillaria*, woody stem material from low down on the tree, towards the root system. Carboniferous, Pennant sandstone, probably Writhlington, Somerset,

Red sandstone pebble, Devonian

Ammonite external mould *Caloceras johnstoni* Blue Lias, Jurassic, Stowey quarry

Oolitic limestone (see Side 2)