

Plate

- 46'. Fossil Scorpions from the Coal formation in Bohemia.
- 46". Fossil *Limulus*, Arachnidans, and Insects.
47. *Apiocrinites*, and *Actinocrinites*.
48. Fragment of a Lily *Encrinite*, *Encrinites Moniliformis*.
49. Stem of *Encrinites Moniliformis* dissected.
50. Body of *Encrinites Moniliformis* dissected.
51. Briarean *Pentacrinite*, from the Lias at Lyme Regis.
52. Recent and fossil *Pentacrinites*.
53. Briarean *Pentacrinite* from the Lias, (Double Plate.)
54. Recent Corals with their Polypes.
55. Fossil Tree (*Lepidodendron Sternbergii*) from a Coal mine in Bohemia.
56. Remains of Plants of extinct families, from the Coal formation.
- 56^a. Highly magnified sections of *Coniferæ*.
57. Remains of a subterranean Forest on the coast of Dorset.
58. *Cycas Revoluta* producing Buds.
59. *Zamia Pungens*, and sections of recent *Zamia* and *Cycas*.
60. Trunk and transverse section of *Cycadites Megalophyllus*.
61. Trunk and sections of Buds and Petioles of *Cycadites Microphyllus*.
62. Sections of Petioles of recent and fossil *Cycadeæ*.
63. Fossil fruit of *Podocarya*, and recent *Pandanææ*, (Double Plate.)
64. Remains of fossil Palms, from Tertiary strata.
65. Sections illustrating the structure and disposition of Coal basins.
66. Sections illustrating the Silurian and Carboniferous systems; and part of the Newcastle Coal field.
67. Sections illustrating the origin of Springs, and the disposition of Metallic Veins.
68. Sections shewing the cause of the rise of water in Artesian Wells in the Basin of London.
69. Sections illustrating the Theory of Artesian Wells.

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