

4. Lias rock ; a series of laminated limestones, with clay partings. Bone-bed, with numerous remains of fishes.

*Obs.*—The Lias is the grand depository of those extraordinary marine reptiles, the Ichthyosauri and Plesiosauri, whose remarkable forms, structure, and state of preservation, have excited the attention even of the most incurious. The collection of these remains in the British Museum, principally formed by Mr. Hawkins, is unrivalled.

VII. THE SALIFEROUS, OR NEW RED SANDSTONE SYSTEM.\* (*Wond.* p. 461. *Ly.* II. p. 81.) Comprising variegated marls, sandstones, and conglomerates, frequently of a red colour, with shells, crinoidea, marine and terrestrial plants, fishes and reptiles. This series contains vast deposits of rock-salt, and brine springs.

*Subdivisions.*—1. *Upper New Red.*

(Comprising the *Trias*, or triple group, *viz.* the *Keuper*, *Muschelkalk*, and *Bunter Sandstein* of the German geologists.)

- a. Variegated red, blue, and white marls, and shales, with gypsum and rock-salt. (*Marnes irisées* of the French.)
- b. Variegated red and white sandstones.

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\* Called by some geologists *poikilitic* (variegated) group.