TABLE II.—*Continued.*

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| JURASSIC. | 12 UPPER JURASSIC. | BRITISH—Upper Purbeck beds, freshwater, Purbeck marble.<br>Middle Purbeck fluvio-marine, with numerous marsupial quadrupeds and Reptilia, &c.<br>Lower Purbeck freshwater, with intercalated dirt bed. | 300 feet. |
| | | Portland stone and sand, 180 feet.<br>Kimmeridge clay, bituminous shale, 600 feet. | |
| | | FOREIGN—Marnes à gryphées virgules of Argonne.<br>Lithographic stone of Solenhofen with *Archæopteryx*. | |
| | 13 MIDDLE JURASSIC. | BRITISH—Corallian beds of Berkshire, Wilts, and Yorkshire, 80 feet.<br>Oxford clay, with Belemnites and Ammonites, 600 feet.<br>Kellaway rock of Wilts and Yorkshire, 60 feet. | |
| | | FOREIGN—1 Nerinæan limestone of the Jura.<br>Diceras limestone of the Alps. | |
| | 14 LOWER JURASSIC. | BRITISH—Cornbrash and forest marble of Wilts and Gloucester, 60 feet.<br>Great oolite of Bath and Bradford, with Apiocrinites, &c.<br>Stonesfield slate with marsupials and *Araucaria*. | 250 feet. |
| | | Fuller's earth with *Ostrea acuminata*, 80 feet.<br>Inferior oolite, 300 feet. | |
| | 15 LIAS. | Upper lias, argillaceous, and arenaceous, with *Ammonites striatulus*, and *A. serpentinus*, 350 feet.<br>Shale and limestone, with *Ammonites bifrons*.<br>Marlstone series, or middle lias, divisible into three zones with characteristic *Ammonites*, *A. spinatus*, *A. margaritatus*, and *A. Davæi*, 200 feet.<br>Lower lias, divisible into eight zones, *Ammonites raricostatus* in the highest, and *A. planorbis* in the lowest zone, 600 feet. | |
| TRIAS or NEW RED SANDSTONE. (*Nouveau grès rouge.*) | 16 UPPER TRIAS. | BRITISH—Penarth, Rhætic or *Avicula contorta* beds—White lias, and black shales with fish of the genera *Sargodon*, *Saurichthys*, and *Hybodus*, with *Microletes*, &c., 100 feet.<br>Red clay, with thick beds of salt, at Northwich, in Cheshire, 2000 feet.<br>Dolomitic conglomerate of Bristol, with *Thecodontosaurus*, &c., 40 feet. | |
| | | FOREIGN—Keuper beds of Germany, with *Microlestes* and fish of the genera *Hybodus*, &c., 1000 feet.<br>St. Cassian or Hallstadt beds, with rich marine fauna.<br>Coalfield of Richmond, Virginia, with *Estheria ovata* and plants resembling those of European Keuper.<br>Chatham coalfield, North Carolina, with *Dromatherium*. | |
| | 17 MIDDLE TRIAS. | BRITISH—Wanting. | |
| | | FOREIGN—Muschelkalk of Germany, with *Encrinus liliiformis* and *Placodus gigas*, 600 feet. | |
| | 18 LOWER TRIAS. | BRITISH—New red sandstone of Lancashire and Cheshire, with *Labyrinthodon* and footprints of *Cheirotherium*, 1500 feet. | |
| | | FOREIGN—Bunter-sandstein of Germany, with footsteps of *Labyrinthodon*, 1500 feet.<br>Red sandstone of Connecticut Valley, with footprints of birds and reptiles. | |