## ROCKS COMPOSED WHOLLY OR PARTLY OF ANIMAL REMAINS.

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| Strata.                   | Prevailing Fossils.  | Formations.          |
|---------------------------|--|----------------------|
|                           | Trilobites and shells  | - avalenn            |
| Dudley limestone •        | Corals, crinoidea, shells, and trilo-                                    | } _                  |
| Shelly limestone          | Productæ, spiriferæ, &c  |                      |
| Manual in line and an a   | Courses and shalls   | Carboni-             |
| Mountain limestone        | Corals and shells  | { ferous system      |
| Encrinital marble         | Lily-shaped animals and shells   | _                    |
| Mussel-band               | Fresh-water mussels  |                      |
| Ironstone nodules         | Trilobites, insects, and shells  |                      |
| Lias-shales and clays     | Pentacrinites, reptiles, fishes  | Lias                 |
| Limestone                 | Terebratulæ and other shells   | _                    |
| Lias conglomerates        | Fishes, shells, corals   | -                    |
| Gryphite limestone        | Shells, principally gryphites  |                      |
| Limestone                 | Terebratulæ, and other shells  | { Inferior<br>oolite |
| Stonesfield slate         | Shells, reptiles, fishes, insects  | Oolite               |
| Pappenheim schist         | Crustacea, reptiles, fishes, insects                                     | -                    |
| Bath-stone                | Shells, corals, crinoidea, reptiles,                                     | r                    |
| Limestone                 | Cephalopoda, principally ammonites                                       |                      |
| Coral-rag                 | Corals, shells, echini, ammonites  |                      |
| Bradford limestone        | Crinoidea, shells, corals, cephalopoda                                   |                      |
| Portland oolite           | • Shells   | )                    |
| Purbeck and Sussex marble | Fresh-water shells, crustacea, rep-                                      | } Wealden            |
| Wealden limestone         | Cyclades, and other fresh-water<br>shells, crustacea, reptiles, fishes . |                      |
| Tilgate grit (some beds)  | Reptiles, fishes, fresh-water shells .                                   |                      |
| Farringdon gravel         | Sponges, corals, echini, and shells .                                    | Shanklin sand        |
| Jasper and chert          | Shells, sponges, and animalcules   |                      |
| Greensand                 | Fibrous zoophytes  | -                    |
| Chalk                     | Corals, infusoria, echini, shells, fishe                                 |                      |