

abrasion becomes greater, by the increase in the quantity and density of the mass of water, a large proportion of materials is mechanically or chemically suspended in the fluid, and carried into the sea. If the current be feeble, much of the mud, and the larger pebbles, will be thrown down in the bed of the river—hence the formation of the alluvial plains in the valleys of the Arun, the Adur, the Ouse, and Cuckmere, in this county.\* But the greater portion will be transported to the mouths of the rivers, and there form those accumulations of the fluvial spoils of the land which constitute deltas; the finest particles, however, will be carried far into the sea, and, transported by currents and agitated by the waves, will at length be precipitated into the profound and tranquil depths of the ocean. But the waters convey not only the mud and water-worn materials of the country over which they flow: leaves, branches of trees, and other vegetable matter—and the remains of the animals that fall into the streams, with shells and other exuviae, human remains, and works of art, are also constantly transported and imbedded in the mud, silt, and sand of the delta, some of these remains being occasionally drifted out to sea, and deposited in its bed.

30. DELTAS OF THE GANGES, AND MISSISSIPPI.—The changes here contemplated, as they are going

\* Sussex.