

## CHAPTER XIV.

## OLDER PLIOCENE AND MIOCENE FORMATIONS.

Strata of Suffolk termed Red and Coralline Crag—Fossils, and proportion of recent species—Depth of sea and climate—Reference of Suffolk Crag to the Older Pliocene period—Migration of many species of shells southwards during the glacial period—Fossil whales—Antwerp Crag—Subapennine beds—Asti, Sienna, Rome — Aralo-Caspian formations — Miocene formations — Faluns of Touraine-—Depth of sea and littoral character of fauna—Tropical climate implied by the testacea—Proportion of recent species of shells—Faluns more ancient than the Suffolk Crag—Miocene strata of Bourdeaux—of the Bolderberg in Belgium—of North Germany—Vienna Basin—Piedmont—Molasse of Switzerland—Leaf-beds of Mull in Scotland—Older Pliocene and Miocene formations in the United States—Sewalik Hills in Iudia.

THE older Pliocene strata, which next claim our attention, are chiefly confined, in Great Britain, to the eastern part of the county of Suffolk,