Where the two rings unite in the middle of France they send a tongue down to the Bay of Biscay. On the eastern side of the country the Jurassic system is copiously developed, and extends thence eastward through the Jura Moun-

tains into Germany.

The subdivisions of the Jurassic system in the north and northwest of France belonging to what has been termed the Anglo-Parisian basin, resemble generally those established in England. But in the southern half of the country, and generally in the Mediterranean province, the facies departs considerably both lithologically and palæontologically from the English type, more particularly as regards the Upper Jurassic rocks. The following table gives in descending order a summary of the distribution of the Jurassic system in France:76

10. Portlandian, separated into two sub-stages. At the base lie sands and clays, equivalents of the Portland sands, or "Bononian" with Ammonites (Stephanoceras) portlandicum, A. gigas, and Ostrea expansa. Higher up come sands and calcareous sandstones corresponding to the Portland stone, with Trigonia gibbosa and Perisphinetes transitorius. The Purbeckian is marked by Corbula inflexa. The stage is best developed along the coast near Boulogne-sur-mer, where it is composed of about 75 feet of clays, sands, and sandstones, with Acrosalenia Koenigi, Perna Bouchardi, Echinobrissus Brodiei, Cardium Pellati, Trigonia radiata, T. gibbosa, T. incurva, etc. At the top lies a bed of limestone containing Cyrena Pellati, Cardium dissimile, and covered by a travertin with Cypris, which may represent the Purbeck beds.

results for the Boulonnais. For the last named district consult also Pellat, Bull. Soc. Geol. France, viii. 1879; Douvillé et Rigaux, "Notice Geologique sur le Bas Boulonnais," Boulogne-virsumer, 1892.