attendant, pestilence, walked openly abroad. As if The Genoese map of Pizzigani was also widely known. their pasture, blight fell on the corn-plains, and on failing: no growth came to maturity, a gray shadow as of old age and dissolution, enveloped alike the open country and the habitations of man. Through out the fairest provinces of Europe, the dead lay in came. As eagles, that scented the mortality from a Hungarians from the East, and the Saracens from the West, devastating Europe with a triple scourge. But the fated year, the year one thousand, came and went; and the world still lived on. The frame of nature seemed yet unshaken; the seasons alternated

There is one thing that appears remarkable on the containing that the c earth, which is seemed so long to have forsaken. the highways and lines of travel were protected, revived, nay became extended and enlarged, with the progress of the crusades and an increasing knowledge of the Asiatic peoples and products. The Italian states, the powerful cities of Genoa, Pisa and wonder and admiration to antarctic voyagers.

in his British Topography, London, 1768 and 1780, from Soudan she received elephants, slaves, ivory are given some curious specimens of English map and gold. The salt lakes of the interior were an making in the 13th and 14th centuries. Two of these inexhaustible source of traffic, Soudan being destiare itinerary maps, one from Dover to London, the tute of salt. The substitution of marine for inland other of the four main roads through Britain, but commerce seems insufficient to account for the the most remarkable, and perhaps the earliest, is the change. Perhaps, the sands of the desert, advancing acsimile of a map of the British Islands drawn on slowly through many ages, have gradually oblitevellum, and of an accuracy hitherto unknown rated the marks and footprints of civilisation, and Lelewel terms it " le premier beau monument de la have in this way, reduced the vast districts of the carte topographique de situation," that is, as distin- Sahara to the solitude and silence of an unbroken guished from the cartes routières or itinéraires, and desert. the portulans or marine charts of harbours.

by some mysterious sympathy with the terrors of The medicean portulan of 1351, from Florence, the time, the Earth refused her fruits, and the fields is composed of eight double maps on parchment. It is to be noted that in all places, at Venice, Genoa, the vineyards of the hills: the forces of nature seemed Majorca, Lower Italy, and Spain, the marine maps had thrown off the antiquated and effete nomenclature taken from Holy Writ. The Rose-des-vents appears on them all. The bearings and orientation are defective, being based on the magnetic compass. heaps, with none to bury them. Then the invaders The chart of Pizzigani shews, on the borders of the Western Ocean, near Finisterre, the figure of a woman far, came the Scandinavians from the North, the turned towards Europe and forbidding future progress. But the Catalan, fearless of danger, the child

as of old; the sun still shone, and the dews of heaven many of these maps: northern Africa is represented descended. In that vast and wide spread feeling of as studded with names, and covered with lakes and relief which followed, Humanity seemed to re-assert water-courses, where our modern maps shew almost its powers and privileges with renewed and redoubled a blank vacuity. Sanutos map of 1320 from the energy. Towns were incorporated: industrial Paris codex, the Tabula Catalana of 1375. Pierre interests were protected, banks were founded: D'ailly's mappa Mundi, and the chart of Mauro markets and staples were created by charter: the Camaldolese 1457, all these shew the Sahara traversed mediæval communes arose. The laws were more by streams and highways, filled with lakes, and effectively administered: justice returned to the dotted with hamlets and villages. When Tunis was a Roman province, the country supported a population of twenty millions. The number of inhabitants does and, as a necessary consequence, trade and commerce not now exceed a million and a half, and it is doubtful whether a much larger population could find subsistence there at the present day. Lieut. Col. R. S. Playfair, the British Consul General in Algeria. attributes this changed condition to the extensive Venice, became the carriers of Europe and of the destruction of forests which has taken place since soldiers of the cross. Their navies appeared in every ancient times. Vast plains, now covered with arid sea; and their discoveries far transcended the narrow sand, were formerly clothed with timber. Has this limits of preceding ages. The southern hemisphere gradual desiccation been general throughout Nortbecame known. The opening stanzas of the Purga-torio of Dante bear testimony to the fact that the the district of the Sahara was formerly less sandy constellation of the Cross, which revolves in close than at present? It certainly was more travelled, Proximity to the south pole, was, in the thirteenth and doubtless better known. In the old times of century, as it has ever been since, an object of Carthage the commerce of the city with the interior was very great. There were long lines of caravan Among the maps published by Richard Gough travel covering the Sahara as with a net work, and

The close of the thirteenth century was made The commercial cities took the lead in charto- famous by the travels of Marco Polo the Venetian, graphy. The Doge Francesco Dandolo suspended who may find mention here, although no map maker, the finest charts in the ducal hall. There were innu- from the immense influence his journeyings had on merable copyists, and the primate in drawing must map making and on geographical discovery. Marco be accorded to the Venetians. An atlas of sea maps was incomparably the greatest traveller of the Pietro Visconte of Genoa is preserved in the middle ages, and has been called the Herodotus of Austrian Library at Vienna signed and dated 1318. those times. His life is a romance. It was his fate,