and the idle honours of a consulship had little attraction observers. for a general in mid-career of conquest, and a man of singularly simple habits and no political ambition. The enthusiasm with which he was welcomed, not only by the populace, which went in crowds to meet him as far as the twentieth milestone, but by the emperor's own practorians, warned Tiberius that it might be equally dangerous to keep so popular a favourite at Rome, and the earliest pretext was seized to remove him from the capital. The recent death Cneius Calpurnius Piso, in order to watch his nephew's man had loved and honoured him. His private life had movements, and if necessary to check his ambition. been stainless, and he possessed in a singular degree the Germanicus proceeded by easy stages to his province, halting on his way in Dalmatia, where he conferred with Drusus, grapher must add that for his fair fame his death was he reached his destination, he found little difficulty in effecting the settlement of the disturbed provinces, notwithstanding the violent and persistent opposition of Piso. At Artaxata Zeno, the popular candidate for the throne, was crowned king of Armenia; to the provinces of Cappadocia and Commagena Roman governors were assigned; and Parthia was conciliated by the banishment of the dethroned king Vonones. After wintering in Syria Germanicus started next year for a tour in Egypt. The chief motive for his journey was love of travel and antiquarian study, and it seems never to have occurred to him, till he was warned by Tiberius, that he was thereby transgressing an unwritten of Galba, that all would have thought him fit to reign if he had not reigned. by Tiberius, that he was thereby transgressing an unwritten | had not reigned. law of the empire forbidding any Roman of rank to set foot | GERMAN SILVER, or NICKEL SILVER, known also in Egypt without express permission. On his return to Syria he found that all his arrangements had been upset by Piso. Violent recriminations followed, the result of which, it would seem, was a promise on the part of Piso to quit the province. But at this juncture Germanicus fell ill. Piso divided metals under a layer of charcoal, by means of an arrangement of the part of Piso to quit the province. But at this juncture Germanicus fell ill. Piso divided metals under a layer of charcoal, by means of an arrangement of the part of Piso to quit the province. But at this juncture Germanicus fell ill. Piso divided metals under a layer of charcoal, by means of an arrangement of the part of Piso to quit the province. deferred his departure, and, when at length compelled to start, lingered in the neighbourhood of Syria, receiving with open exultation the bulletins which told of the prince's structure, and so render it fit for working, it is heated to open exultation the bulletins which told of the prince's rapid decline. Germanicus on his side was fully convinced that he had fallen a victim to the arts of his unscrupulous senemy. He knew that he was dying, and believed that he was dying of poison. Even his gentle nature was stung to madness at the thought, and with his dying words he called on his friends and family to denounce his murderer and avenge his death. Whether these suspicions were true must remain an open question, yet the arguments in favour of a death from natural causes seem to preponderate. It is a death from natural causes seem to preponderate. It is silver for knives and forks its composition is—nickel and true that Piso desired his death, and, from what we know of their characters, neither he nor his wife Plancina were likely to stick at any means for procuring it. But a poisoner does not generally let his wishes be publicly known, nor show his exultation when they are attained.

The evidence from the arguments in favour of much used in the arts. For the manufacture of imitation silver for knives and forks its composition is—nickel and zinc of each 2 parts, and copper 4 parts; for handles of spoons and forks the proportion of copper in this formula is increased by 1. For rolling, the most suitable alloy is copper 3 parts, zinc 1, nickel 1. Candlesticks, bells, spurs, and other cast articles are made of a German silver containing 2 or 3 per cent of lead. The addition of 2 to 2½ per The evidence from the appearance of the corpse is still more uncertain. Suetonius indeed avouches that there were livid marks all over the body and foam at the mouth; but he adds as a further proof of poison that on the funeral pyre the heart remained unconsumed, which clearly shows that he was only retailing the vulgar gossip. Tacitus, though inclined to believe the worst of Piso, allows that the

mons and repair to Rome. The magnificence of a triumph | report of the symptoms varied with the prepossession of the

of Archelaus, king of Cappadocia, and a disputed succession in Parthia and Armenia, afforded a sufficient plea for Roman interference; and, a few months after his return, Germanicus was despatched to the East with extraordinary powers, and started on his mission without waiting to enter on his consulship. At the same time Therius took the further precaution of superseding Silanus, a connexion of Germanicus, in the government of Syria, and appointing in his stead one of the most violent and ambitious of the old nobility, Chejus Calpurnius Piso, in order to watch his nephew's his brother by adoption, and visiting the battlefield of Actium, Athens, Ilium, and other places of historic interest. At Rhodes he met for the first time his coadjutor Piso, who thad followed in his wake, and was seeking everywhere to take his own life; a superstitious vein which impelled him the thwart his policy and asperse his character. When at last he reached his destination, he found little difficulty in effect-

GERMANY

PART L-GEOGRAPHY AND STATISTICS.

ERMANY occupies the greater portion of central Europe, and has but few lines of natural boundary. If by the designation Germany is meant the territory inhabited by Germans, this is considerably larger than the German empire constituted in 1871, the former having an area of about 340,000, and the latter of 208,000 English 340,000, and the latter of 208,000 English 340 to 55° 53′ N. lat., and from 5° 52′ to 22° 52′ E.

47° 16′ to 55° 53′ N. lat., and from 5° 52′ to 22° 52′ E. long. The eastern provinces project so far that the extent of the German territory is much greater from S.W. to N.E. than in any other direction. Tilsit is 815 miles from Metz, whereas Hadersleben, in Schleswig, is only 540 miles from the Lake of Constance. The difference in time between the eastern and western points is 1 hour and 8 minutes. the eastern and western points is 1 hour and 8 minutes.

The empire is bounded on the S.W. and S. by Austria and Switzerland (for 1170 miles), on the S.W. by France (275 miles), on the W. by Luxembourg, Belgium, and Holland (together 512 miles). The length of German coast on the North Sea or German Ocean is 300 miles, and on the Baltic receives the Mamel, called Niemen in Russia, and has 830 miles, the intervening land boundary on the north of its outlet in the extreme north at Memel. Long narrow Schleswig being only 53 miles. The eastern boundary is alluvial strips called Nehrungen, lie between the last two haffs and the Baltic. The Baltic coast is further marked

Russia (725 miles).

The total area of the empire, including rivers and lakes but not the "haffs" or lagoons on the Baltic, is 208,427 English square miles, which is about the 18th part of Europe, the 250th part of the whole dry land, and the 853d part of the whole surface of the globe.

PHYSICAL FEATURES,

Coast and Islands—The length of the coast line is a larger part may be described as a uniform plain covered generally by very recent deposits but with Coast and Islands.—The length of the coast-line is scarcely the third part of the whole frontier, so that the Germans must be regarded as less a maritime than an in-Germans must be regarded as less a maritime than an inland people. Unlike the eastern states of Europe, the German empire has not only an inland sea-shore, but is also in direct communication with the great oceans by means of the North Sea. The coasts of Germany are shallow, and deficient in natural ports, except on the east of Schleswig-Holstein, where wide bays encroach upon the land, giving access to the largest vessels, so that a great harbour for men-of-war has been constructed at Kiel. With the exception of those on the east coast of Schleswig-Holstein, also in truding here and there. South and Central Germany, on the other hand, is very much diversified in scenery and in geological structure. It possesses large plateaus, such as that of Bavaria, which stretches away from the by the Rhine, mountains, comparatively low in height, and so situated as not seriously to interfere with communication either by road or by railway. Its geological structure. It possesses large plateaus, such as that of Bavaria, which stretches away from the by the Rhine, mountains, comparatively low in height, and so situated as not seriously to interfere with communication either by road or by railway. Its geological structure. It possesses large plateaus, such as that of Bavaria, which stretches away from the other hand, is very much diversified in scenery and in geological structure. It possesses large plateaus, such as that of Bavaria, which stretches away from the by the Rhine, mountains, comparatively low in height, and so situated as not seriously to interfere with communication either by road or by railway. Its geological structure. It possesses large plateaus, such as that of Bavaria, which stretches away from the other hand, is very much diversified in scenery and in geological structure. It possesses large plateaus, such as that of Bavaria, which stretches away from the other hand, is very much diversified in scenery and in geological structure. the important trading ports of Germany are river pofts, such as Emden, Bremen, Hamburg, Lübeck, Stettin, Dantzic, Königsberg, Memel. A great difference, however, is to be remarked between the coasts of the North Sea and those of the Baltic. On the former, where the sea has broken up the ranges of dunes formed in bygone times, and divided them into separate islands, the mainland has to be protected by nassive dikes, while the Frisian Islands are being gradusines of dunes formed in bygone times, and divided them rocks are but scantily developed in Germany. The Devonian system, however, occupies an extensive area, since it forms the high tableland of the Taunus, Hundsruck, massive dikes, while the Frisian Islands are being gradully washed away by the waters. On the coast of East Friesland there are now only seven of these islands; of which Norderney, a bathing-place, is best known, while of the North Frisian Islands, on the western coast of Schleswig, Sylt is the most considerable. Besides the ordinary waste of the shores, there have been extensive inundations by the sea within the historic period, the gulf of the Dollart having been so caused in the year 1276. Sands surround the whole coast of the North Sea to such an extent that the entrance to the ports is not practicable without the aid of pilots. Heligoland, which has belonged to England since 1814, is a rocky island, but it also has been

1 English square mile = 2.5898945 square kilometres, or 0.0470352 German square mile = 21.26067 English square miles; 1 sq. kilometre = 0.3861161 English square mile.

Denmark. Older Tertiary formations are absent from parts the Rhine is rapid, and therefore navigable with Germany, save the portion of the Eocene Alps included difficulty; this explains why the towns there are not within the territory of Bavaria. But Miocene deposits extend into numerous detached basins, including those of the Rhine below Bonn, and at Mainz, the country round Magdeburg, and the plains of Bavaria. These strata is formed in the first instance by the Vosges, where granite contain valuable seams of lignite. The vast plains of summits rise from under the surrounding red Triassic northern Germany are covered with glacial drift, which rocks (Sulzer Belchen, 4700 feet). To the south the rises to heights of 1400 feet above the sea along the edges of range is not continuous with the Swiss Jura, the valley of the flanking hills. Igneous rocks of different ages have been the Rhine being connected here with the Rhone system

(Bodensee, 1306 feet above sea-level), and on the east tract of the Hundsruck, Taunus, and Eifel is an extended from the undulating grounds of Austria by the Inn. The plateau, divided into separate sections by the river valleys. average height of the plain may be estimated at about Among these the Rhine valley from Bingen to Bonn, and that 1800 feet, the valley of the Danube on its north border of the Moselle from Treves to Coblentz, are winding gorges being from 1540 feet (at Ulm) to 920 feet (at Passau). excavated by the rivers. The Eifel presents a sterile, The plain is not very fertile. In the upper part of the plain, towards the Alps, there are several lakes, the largest several places. It passes westwards imperceptibly into the being the Ammersee, the Würmsee or Starnberg Lake, and the Chiemsee. Many portions of the plain are covered by moors and swamps of large extent, there called Moose. the Westerwald (about 2000 feet), which separates the by moors and swamps of large extent, there called Moose. The left or northerh bank of the Danube, from Regensburg (Ratisbon) downwards presents a series of granitic rocks called the Bavarian Forest (Bayerischer Wald), which must be regarded as a branch of the Bohemian Forest (Böhmischer Wald). The latter is a range of wooded heights on the frontier of Bavaria and Bohemia, occupying the least known and least frequented regions of Germany. The summits of the Bayerischer Wald rise to the height of about 4000 feet, and those of the Bohemian Forest to 4800 feet, Hoher Arber, about 49° N. lat., being 4842 feet. The valley of the Danube above Ratisbon is flanked by Jurassic valleys aloning cently to the Danube, but precipitous valley of the Danube above Ratisbon is flanked by Jurassic plateaus sloping gently to the Danube, but precipitous towards the valley of the Neckar. The centre of this elevated tract is the Rauhe Alp, so named on account of the harshness of the climate. The plateau continuing to the north-east and then to the north, under the name of the Franconian Jura, is crossed by the valley of the winding Altmühl, and extends to the Main. To the west extensive and the Rauhe Alp, so named on account of the Weser. To the east of Hesse lies Thuringia, a province consisting of the far-stretching wooded ridge of the Thüringer Wald (with three peaks of upwards of 3000 feet). The first of the winding and extends to the Main. To the west extensive and the Rauhe Alp, and extends to the Main. To the west extensive and the Rauhe Alp, and extends to the Main. To the west extensive and the Rauhe Alp, and extends to the Main. To the west extensive and the Rauhe Alp, so named on account of the Weser. To the east of Hesse lies Thuringia, a province consisting of the far-stretching wooded ridge of the Main and extends to the Main. To the west extensive and the Rauhe Alp, so named on account of the Weser. To the east of Hesse lies Thuringia, a province consisting of the far-stretching wooded ridge of the Thuringer Wald (with three peaks of upwards of 3000 feet) and the Rhön (3117 feet), separated by the valley of the work is the Weser. To the east of Hesse lies Thuringia, a province consisting of the far-stretching wooded ridge of the Neckar and the Rhön (3117 feet), separated by the valley of the Weser. To the east of Hesse lies Thuringia, a province consisting of the far-stretching wooded ridge of the Neckar and the Rhön (3117 feet), separated by the valley of the work is the Weser. To the east of Hesse lies Thuringia, a province consisting of the far-stretching wooded ridge of the Neckar and the Rhön (3117 feet), separated by the valley of the work is the Weser. To the east of Hesse lies Thuringia, a province consisting of the far-stretch

Altmühl, and extends to the Main. To the west extensive undulating grounds or low plateaus occupy the area between the Main and the Neckar.

The south western corner of the empire contains a series of better defined hill-ranges. Beginning with the Schwarzwald (Black Forest), we find its southern heights decline to the valley of the Rhine, above Basel, and to the Jura - The summits are rounded and covered with wood, the highest being the Feldberg (10 miles S.E. of Freiburg, 4902 feet). Northwards the Black Forest passes into the plateau of the Neckarbergland (average neight, 1000 feet). The heights between the lower Neckar and the Main form the Odenwald (about 1700 feet); and the Spessart, which is watered by the Main on three sides, is nothing but a continuation of the Odenwald. West of this range of hills lies the valley of the upper Rhine, extending about 180 miles from south to north, and with a width of only 20 to 25 miles. In the upper

the flanking hills. Igneous rocks of different ages have been erupted in many districts, and further diversify the geology. The best known are the Tertiary and post-Tertiary lavas and cones of the Eifel and Siebengebirge; others of more ancient date occur along the southern slopes of the Harz.

Mountains and Plateaus.—Bavaria is the only division of the country that includes within it any part of the Alps, the Austro-Bavarian frontier running along the ridge of the Northern Tyrolese or Bavarian Alps. The loftiest peak of this group, the Zugspitze (57 miles south of Munich), is 9702 feet in height, being the highest summit in the empire. The Upper German plain sloping northwards from the Bavarian Alps is watered by the Lech, the Isar, and the Bavarian Alps is watered by the Lech, the Isar, and the Inn, tributaries of the Danube, all three rising beyond the limits of German territory. This plain is separated on the west from the Swiss plain by the Lake of Constance (Bodensee, 1306 feet above sea-level), and on the east tract of the Hundsruck, Taunus, and Eifel is an extended



The southern sides of this range are comparatively steep; on the north it slopes gently down to the plains of Leipsic, but is intersected by the deep valleys of the Elster and Mulde. Although by no means fertile, the Erzgebirge is very thickly peopled, as various branches of industry have taken root there in numerous small places. Around Zwickau there is a productive coal-field, and mining for metals is carried on near Freiberg. In the east a table-land of sandstone, called Saxon Switzerland, from the land of sandstone, called Saxon Switzerland, from the nicturesque outlines into which it has been eroded adjoins. In general the soil of the North-German plain charms. In general the soil of the North-German plain western group is the Isergebirge, and the next the Riesenge-birge, a narrow ridge of about 20 miles' length, with bare summits. Excluding the Alps, the Schneekoppe (5266 feet) is the highest peak in Germany; and the southern declivities of this range contain the sources of the Elbe. The hills north and north-east of it are termed the Silesian Mountains. Here one of the minor coal-fields gives employment to a population grouped round a number of comparatively small centres. One of the main roads into Bohemia (the pass of Landshut) runs along the eastern base of the Riesengebirge. Still farther to the east the

of the Elbe country the heights are called the Fläming hills. and Sauer. Vessels sail up the Ems as far as Papen-Westward lies as the last link of this series the Lüneburger Haide or Heath, between the Weser and Elbe, north of nected with a widely branching system of canals for turf-Hanover. A second tract, of moderate elevation, sweeps round the Baltic, without, however, approaching its shores.

This plateau contains a considerable number of lakes, and is divided into three portions by the Vistula and the Oder.

The most eastward is the so-called Prussian Seenplatte.

Spirdingsee (430 feet above sea-level, and 46 square miles

The most eastward is the so-called Prussian Seenplatte.

Spirdingsee (430 feet above sea-level, and 46 square miles) Spirdingsee (430 feet above sea-level, and 46 square miles in area) and Mauersee are the largest lakes; they are situated in the centre of the plateau, and give rise to the Pregel. Some peaks near the Russian frontier attain to 1000 feet. The Pomeranian Seenplatte, between the Vistula and the Oder, extends from S.W. to N.E., its greatest elevation being in the neighbourhood of Dantzic (Thurmberg, 1096 feet). The Seenplatte of Mecklenburg, on the other hand, stretches from S.E. to N.W., and most of its lakes of which the Miritzsee is the largest said of its lakes, of which the Muritzsee is the largest, send their waters towards the Elbe. The finely wooded heights receiving as navigable tributaries the Glatz Neisse and which surround the bays of the east coast of Holstein and the Warthe. Only the lower course of the Vistula belongs Schleswig may be regarded as a continuation of these Baltic elevations. The lowest parts, therefore, of the stream of considerable volume. On the Pregel ships of North-German plain, excluding the sea-coasts, are the sentral districts from about 52° to 53° N. lat., where the Vistula, Netze, Warthe, Oder, Spree, and Havel form vast wampy lowlands (in Cerman called Brüche), which, during

picturesque outlines into which it has been eroded, adjoins charms. In general the soil of the North-German plain the Erzgebirge; one of its most notable features is the cannot be termed fertile, the cultivation nearly everywhere deep ravine by which the Elbe escapes from it. Numerous requiring severe and constant labour. Long stretches quarries, which supply the North German cities with stone of ground are covered by moors, and there turf-cutting for buildings and monuments, have been opened along the valley. The sandstone range of the Elbe unites in the east greatest extent of moorland is found in the westernmost with the low Lusatian group, along the east of which runs the best road from northern Germany to Bohemia. Then comes a range of lesser hills clustering together to form the frontier between Silesia and Bohemia. The most

base of the Riesengebirge. Still farther to the east the mountains are grouped around the hollow of Glatz, whence the Neisse forces its way towards the north. This hollow is shut in on the east by the Sudetic group, in which the Altvater rises to almost 4900 feet. The eastern portion of the group, called the Gesenke, slopes gently away to the valley of the Oder, which affords an open route for the international traffic, like that through the Mülhausen Gate in Alsice. Geographers style this the Moravian Gate.

The North-German plain presents little variety, yet is not absolutely uniform. A row of low hills runs generally parallel to the mountain ranges already noticed, at a distance of 20 to 30 miles to the north. To these belongs the Upper Silesian coal-basin, which occupies a considerable area in south-eastern Silesia. North of the middle districts of the Elbe country the heights are called the Fläming hills.