

Ballou Maturin Murray

Due North: or, Glimpses of Scandinavia and Russia



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PREFACE

About five years ago, the Author, having then just returned from circumnavigating the globe, was induced to record his experiences of the long journey, which were published in a volume entitled "Due West; or, Round the World in Ten Months." The public favor accorded to this work led, a couple of years later, to the issuing of a second volume of travels, upon the Author's return from the West Indies, entitled "Due South; or, Cuba, Past and Present." The popular success of both books and the flattering comments of the critics have caused the undersigned to believe that a certain portion of the public is pleased to see foreign lands and people through his eyes; and hence the publication of the volume now in hand. These pages describing the far North, from which the Author has just returned, – including Norway, Sweden, Russia, and Russian Poland, – seem naturally to suggest the title of "Due North." Without permitting prejudice to circumscribe judgment in treating of Russia, the effort has been to represent the condition of that country and its Polish province truthfully, and to draw only reasonable deductions. This special reference is made to the pages relating to the Tzar's government, as it will be found that the Author does not accord with the popularly expressed opinion upon this subject.

M. M. B.

Boston, March, 1887.

CHAPTER I

Copenhagen. – First Stroll in a Strange City. – Danish Children. – Antiquity of Copenhagen. – English Arrogance. – The Baltic Sea. – Danish Possessions. – Descendants of the Vikings. – Covetous Germany. – The Denmark of To-day. – Thorwaldsen's Remarkable Museum. – The Ethnological Museum. – Educational Matters. – Eminent Natives. – Charitable Institutions. – Antique Churches. – Royal Palaces. – Historical Memories. – City Architecture. – Zoölogical Gardens

Having resolved upon a journey due north, twenty days of travel over familiar routes carried the author across the Atlantic and, by the way of Liverpool, London, Paris, and Hamburg, landed him in Copenhagen, the pleasant and thrifty capital of Denmark. As the following pages will be devoted to Scandinavia, Russia, and Russian Poland, this metropolis seems to be a proper locality at which to begin the northern journey with the reader.

It was already nearly midnight when the Hôtel D'Angleterre, fronting upon the Kongens Nytorv, was reached. So long a period of uninterrupted travel, night and day, rendered a few hours of quiet sleep something to be gratefully appreciated. Early the next morning the consciousness of being in a strange city, always so stimulating to the observant traveller, sent us forth with curious eyes upon the thoroughfares of the Danish capital before the average citizen was awake. The importunities of couriers and local guides, who are always on the watch for visitors, were at first sedulously ignored; for it would be foolish to rob one's self of the great pleasure of a preliminary stroll alone amid scenes and localities of which one is blissfully ignorant. A cicerone will come into the programme later on, and is a prime necessity at the proper time; but at the outset there is a keen gratification and novelty in verifying or contradicting preconceived ideas, by threading unattended a labyrinth of mysterious streets and blind alleys, leading one knows not where, and suddenly coming out upon some broad square or boulevard full of unexpected palaces and grand public monuments.

It was thus that we wandered into the old Market Square where Dietrick Slagheck, Archbishop of Lund and minister of Christian II., was burned alive. A slight stretch of the imagination made the place still to smell of roasted bishop. "Is this also the land of wooden shoes?" we asked ourself, as the rapid clatter of human feet upon the pavements recalled the familiar street-echoes of Antwerp. How eagerly the eye receives and retains each new impression under such circumstances! How sharp it is to search out peculiarities of dress, manners, architecture, modes of conveyance, the attractive display of merchandise in shop-windows, and even the expression upon the faces of men, women, and children! Children! if any one says the Danish children are not pretty, you may with safety contradict him. Their delicately rounded, fresh young faces are lit up by such bright, turquoise-colored, forget-me-not blue eyes as appeal to the heart at once. What a wholesome appetite followed upon this pioneer excursion, when we entered at breakfast on a new series of observations while satisfying the vigorous calls of hunger, each course proving a novelty, and every dish a fresh voyage of gastronomic discovery!

Copenhagen was a large commercial port many centuries ago, and has several times been partially destroyed by war and conflagration. It has some two hundred and fifty thousand inhabitants, and is about six miles in circumference. The site of the city is so low as to render it necessary to protect it from the waters of the Baltic by artificial embankments. Like Amsterdam and Venice, it may be said to possess "remarkable water-privileges." We were told that the citizens were making earnest remonstrance as to the inefficient drainage of the city, which is believed to be the prime cause of a somewhat extraordinary percentage of mortality. In past times it has more than once been visited by the plague, which so late as 1711 caused the death of over twenty-eight thousand of its

inhabitants. It is only some thirty years since, that over five thousand persons died here of cholera in one season. Fevers of a typhoid character prevail annually, which are no doubt with good reason attributed to want of proper drainage. Notwithstanding Copenhagen is situated so nearly at tide level, modern engineering could easily perfect a system of drainage which would render it independent of this circumstance. The safe and spacious harbor is formed by the channel between the islands of Zeeland and Amager, where there is ample depth and room to answer the demands of a far more extended commerce than the city is ever likely to maintain. The houses are mostly of brick, some of the better class being built of Norwegian granite, while the newer portion of the town presents many examples of fine modern architecture. The streets are of good width and laid out with an eye to regularity, besides which there are sixteen spacious public squares. Taken as a whole, the first impression of the place and its surroundings is remarkably pleasing and attractive. As one approaches the city, the scene is enlivened by the many windmills in the environs, whose wide-spread arms are generally in motion, appearing like the broad wings of enormous birds hovering over the land and just preparing to alight. One is hardly surprised that Don Quixote should mistake them for palpable enemies, and charge upon them full tilt. Perhaps the earliest associations in its modern history which the stranger is likely to remember, as he looks about him in Copenhagen, is that of the dastardly attack upon the city, and the shelling of it for three consecutive days, by the British fleet in 1807, during which uncalled for and reckless onslaught an immense destruction of human life and property was inflicted upon the place. Over three hundred important buildings were laid in ashes on that occasion, because Denmark refused permission for the domiciling of English troops upon her soil, and declined, as she had a most unquestionable right to do, to withdraw her connection with the neutral powers. It was one of the most outrageous examples of English arrogance on record, – one which even her own historians feel compelled to denounce emphatically. No wonder the gallant Nelson expressed his deep regret at being sent to the Baltic on such distasteful service. Copenhagen received the expressive name it bears (Merchant's Haven) on account of its excellent harbor and general commercial advantages. As in the Mediterranean so in the Baltic, tidal influence is felt only to a small degree, the difference in the rise and fall of the water at this point being scarcely more than one foot. It should be remembered, however, that the level of the waters of the Baltic are subject, like those of the Swiss lakes, to barometric variations. Owing to the comparatively fresh character of this sea, its ports are ice-bound for a third of each year, and in extreme seasons the whole expanse is frozen across from the Denmark to the Swedish coast. In 1658, Charles X. of Sweden marched his army across the Belts, dictating to the Danes a treaty of peace; and so late as 1809, a Russian army passed from Finland to Sweden across the Gulf of Bothnia.

The possessions of Denmark upon the main-land are in our day quite circumscribed, consisting of Jutland only; but she has besides several islands far and near, of which Zeeland is the most populous, and contains the capital. As a State, she may be said to occupy a much larger space in history than upon the map of Europe. The surface of the island of Zeeland is uniformly low, in this respect resembling Holland, the highest point reaching an elevation of but five hundred and fifty feet. To be precise in the matter of her dominions, the colonial possessions of Denmark may be thus enumerated: Greenland, Iceland, the Faroe group of islands, between the Shetlands and Iceland; adding St. Croix, St. Thomas, and St. John in the West Indies. Greenland is nearly as large as Germany and France combined; but its inhabitants do not quite reach an aggregate of ten thousand. Iceland is about the size of our New England States, and has a population of seventy-five thousand. The Faroes contain ten thousand inhabitants, and the three West Indian islands united have a population of a little over forty thousand.

A slight sense of disappointment was realized at not finding more visible evidences of antiquity while visiting the several sections of the capital, particularly as it was remembered that a short time since, in 1880, the Danish monarchy reached the thousandth anniversary of its foundation under Gorm the Old, whose reign bridges over the interval between mere legend and the dawn of recorded history. Gorm is supposed to have been a direct descendant of the famous Viking, Regnar Lodbrog,

who was a daring and imperious ruler of the early Northmen. The common origin of the three Baltic nationalities which constitute Scandinavia is clearly apparent to the traveller who has visited Denmark, Sweden, and Norway, or to any one who has even an ordinary knowledge of their history. The race has been steadily modified, generation after generation, in its more vivid characteristics, by the progressive force of civilization. These Northmen are no longer the haughty and reckless warriors who revelled in wine drunk from the skulls of their enemies, and who deemed death only respectable when encountered upon the battle-field. Clearer intelligence and culture have substituted the duties of peaceful citizens for those of marauders, and the enterprises of civilized life for the exaggerated romance of chivalry. Reading and writing, which were looked upon among them as allied to the black art a few centuries ago, are now the universal accomplishment of all classes, and nowhere on the globe will the traveller find a people more cheerful, intelligent, frank, and hospitable than in the three kingdoms of the far North.

Though the Danes are physically rather small, resembling in this respect the Japanese, still they spring, as we have seen, from a brave and warlike race, and have never been subjugated by any other people. On the contrary, in the olden time they conquered England, dismembered France, and subjugated Norway and Sweden. The time has been when the Danes boasted the largest and most efficient navy in the world, and their realm still justly bears the title of "Queen of the Baltic." As to seamanship, they are universally acknowledged to be among the best sailors who navigate the ocean. That Germany covets Denmark is more than hinted at. The author heard a loud-talking naval gentleman, of German nationality, coolly express the opinion that Denmark as an independent kingdom had nearly reached the close of its existence. This was on board the German mail-steamer, while crossing a branch of the Baltic between the ports of Kiel and Korsoer. Whether this individual reflected the ambitious purposes of the present German government, or only echoed a popular sentiment of his nation, the reader is left to judge. Were Bismarck to attempt, upon any subterfuge, to absorb Denmark, it is reasonable to suppose that other European powers would have something to say upon the subject; but that the map of Europe, as now constructed, is destined to undergo radical changes in the near future cannot be doubted.

The Denmark of to-day, typified by Copenhagen its capital, is a great centre of science and of art, quite as much so as are Munich or Dresden. It is surprising that so few travellers, comparatively, resort thither. For the study of ethnological subjects, there is no country which affords greater facilities, or which is more interesting to scientists generally. The spirit of Thorwaldsen here permeates everything; and in making his native city his heir, he also bequeathed to her an appreciation of art, which her eminent scientists have ably supplemented in their several departments of knowledge. To visit the unique Thorwaldsen Museum alone would repay a journey to Copenhagen, and no visitor to this Venice of the North should fail thoroughly to explore its riches. It is in the very centre of the city, situated close to the Palace of Christiansborg, and was erected in 1845 from the great sculptor's own design, based on the Egyptian order of architecture. It is two stories in height, and quadrangular in form, – the lower story containing sculpture only; the upper, both statuary and pictures. The external aspect of the structure is certainly not pleasing, but within, "where the marble statues breathe in rows," may be seen collected together and appropriately arranged six hundred of the great master's works, exhibiting the splendid and it is believed, as regards this department of art, unequalled result of one man's genius and industry. With galleries and vestibules the Museum contains over forty apartments, ample space being afforded for the best display of each figure and each group. The ceilings are elaborately and very beautifully decorated with emblematical designs by the best Danish artists. This enduring monument to art is also Thorwaldsen's appropriate mausoleum, being fashioned externally after an Etruscan tomb, and decorated in fresco with scenes illustrative of the sculptor's life. These crude and unprotected frescos, however, have become quite dim, and are being gradually effaced by exposure to the elements. So far as any artistic effect is concerned, we are honestly forced to say that the sooner they disappear the better. The interior of the Museum is

peculiar in its combined effect, – a little depressing, we thought, being painted and finished in the sombre Pompeian style. It contains only Thorwaldsen's works and a few pictures which he brought with him when he removed hither from Rome, where so many years of his artistic life were passed. We have here presented to us the busts, models, sketches, and forms in clay, plaster, or marble, which represent all his works. Thorwaldsen's favorite motto was: "The artist belongs to his work, not the work to the artist," – a conscientious devotion which seems to invest everything which came from his hand. His body lies buried in the centre of the open court about which the building is constructed, without any designating stone, the ground being slightly raised above the surrounding pavement, and appropriately covered with a bed of growing ivy. A sense of stillness and solemnity seems to permeate the atmosphere as one pauses beside this lowly but expressive mound.

Among the portrait-statues which linger in the memory are many historic and familiar characters, such as Copernicus, Byron, Goethe, Hans Andersen, Humboldt, Schiller, Horace Vernet, Christian IV., the favorite monarch of the Danes, and many more. We have said that the general effect of these artistic halls was a little depressing; still, this was not the influence of the great sculptor's creations, for they are full of the joyous, elevating, and noble characteristics of humanity. Thorwaldsen revelled in the representation of tenderness, of youth, beauty, and childhood. Nothing of the repulsive or terrible ever came from his hand. The sculptor's regal fancy found expression most fully, perhaps, in the *relievi* which are gathered here, illustrating the delightful legends of the Greek mythology. He gives us here in exquisite marble his original conceptions of what others have depicted with the pen and the brush. No one can wonder at the universal homage accorded by his countrymen to the memory of the greatest of modern sculptors. The bust of Luther is seen in the main hall in an unfinished condition, just as the sculptor left it, and upon which, indeed, he is said to have worked the day before his death. It depicts a rude, coarse face, but one full of energy and power. In the Hall of Christ, as it is called, is the celebrated group of our Lord and the Twelve Disciples, the original of which is in the Cathedral. The impressive effect of this remarkable group is universally conceded; no one can stand before it unaffected by its grand and solemn beauty. Thorwaldsen's household furniture, writing-desk, books, pictures, and relics are here disposed as they were found in his home on the day of his death, – among which a clock, made by him when he was but twelve years of age, will interest the visitor.

A large proportion of the many persons whom we met in the Museum were Danes, whose respectability and admirable behavior impressed us most favorably, – a conviction which was daily corroborated upon the public streets, where there was none of the grossness observable which is so glaring among the middle and lower classes of more southern cities. There are no mendicants upon the thoroughfares; order and cleanliness reign everywhere, reminding one of Holland and the Hague. The young trees and delicate flowers in the public gardens require no special protection, and one looks in vain for anything like rowdiness in the crowded thoroughfares. Though the Danes are free consumers of malt liquors, not a case of intoxication met the author's eye while he remained in Copenhagen.

The Ethnological Museum of the city, better known as the Museum of Northern Antiquities, is generally considered to be the most remarkable institution of its class in Europe. Students in this department of science come from all parts of the civilized world to seek knowledge from its countless treasures. One is here enabled to follow the progress of our race from its primitive stages to its highest civilization. The national government liberally aids all purposes akin to science and art; consequently this Museum is a favored object of the State, being also liberally endowed by private munificence. Each of the three distinctive periods of Stone, Bronze, and Iron forms an elaborate division in the spacious halls of the institution. In classifying the objects, care has been taken not only to divide the three great periods named, but also in each of these divisions those belonging to the beginning and the end of the period are chronologically placed, as far as such nice distinctions can be wrought out by careful, scientific study and comparison. Here the visitor gazes with absorbing interest upon the tangible evidences of a race that inhabited this earth probably thousands of years before it was broken

into islands and continents. Their one token, these rude, but expressive stone implements, are found equally distributed from the Arctic Circle to the Equator, from Canada to Brazil, from England to Japan. Scientists whose culture and intelligence entitle their opinion to respect, place the Stone Age as here illustrated at least twenty thousand years before the birth of Christ. How absorbing is the interest attaching to these relics which ages have consecrated! No matter what our preconceived notions may be, science only deals with irrefutable facts. The periods delineated may be thus expressed: first the Flint period, which comes down to fifteen hundred years before Christ; followed by the Bronze, which includes the next twelve or thirteen hundred years; then the Iron, which comes down far into the Christian era. What is termed the Mediæval brings us to 1536, since which time there is no occasion for classification. No wonder the antiquarian becomes so absorbed in the study of the past. "The earliest and the longest has still the mastery over us," says George Eliot. Progress is daily making in the correct reading of these comprehensive data, and those who may come after us will be born to a great wealth of antiquity. Other countries may learn much from the admirable management of this Museum in the matter of improving the educational advantages which it affords. Professors of eminence daily accompany the groups of visitors, clearly explaining the purport and the historical relations of the many interesting objects. These persons are not merely intelligent employees, but they are also trained scientists; and, above all, they are enthusiastic in freely imparting the knowledge which inspires them. Such impromptu lectures are both original and impressive. Indeed, to go through the Ethnological Museum of Copenhagen understandingly is a liberal education. It should be added that the zeal and affability of these able officials is as freely and cheerfully extended to the humblest citizen as to distinguished strangers. One returns again and again with a sort of fascination to these indisputable evidences of history relating to periods of which there is no written record. If they are partially defective in their consecutive teachings, they are most impressive in the actual knowledge which they convey. Without giving us a list of sovereigns or positive dates, they afford collectively a clearer knowledge of the religion, culture, and domestic life of the people of their several periods than a Gibbon or a Bancroft could depict with their glowing pages.

The Danes are a cultured people, much more so, indeed, than the average classes of the continental States. The large number of book-stores was a noticeable feature of the capital, as well as the excellent character of the books which were offered for sale. These were in German, French, and English, the literature of the latter being especially well represented. Copenhagen has more daily and weekly newspapers, magazines, and current news publications than Edinburgh or Dublin, or most of the provincial cities of Great Britain. It may be doubted if even in this country, outside of New England, we have many districts more liberally supplied with free library accommodations, or with educational facilities for youth, than are the populous portions of Zeeland and Jutland. Even small country villages have their book-clubs and dramatic clubs. A very general taste for the drama prevails. Indeed, Denmark has a national drama of its own, which exercises a notable influence upon its people. This Government was the first in Europe to furnish the means of education to the people at large on a liberal scale, to establish schoolhouses in every parish, and to provide suitable dwellings and incomes for the teachers. The incipient steps towards this object began as far back as the time of Christian II., more than three centuries ago, while most of the European States were grovelling in ignorance. Copenhagen has two public libraries, – the Royal, containing over six hundred thousand books; and the University, which has between two hundred and fifty and three hundred thousand volumes, not to speak in detail of a particularly choice collection of manuscripts. These under reasonable restrictions are free to all, citizen or foreigner. The National University is of the first class, and supports a well organized lecture-system, like that of the Sorbonne in Paris, and which is also free to all, women having the same facilities afforded them as those enjoyed by the sterner sex. This institution, we were assured, is conducted upon the most modern educational system. It was founded in 1478, and at the present writing has between twelve and fifteen hundred students, instructed by about fifty able professors.

Though Denmark is a small kingdom, containing scarcely three millions of people, yet it has produced many eminent men of science, of art, and of literature. The names of Hans Christian Andersen, of Rasmus Rask the philologist, of Oersted the discoverer of electro-magnetism, of Forchhammer the mineralogist, and Eschricht the physiologist, will occur to the reader's mind in this connection. It is a country of legend and romance, of historic and prehistoric monuments, besides being the very father-land of fairy tales. The Vikings of old have left their footprints all over the country in barrows and tumuli. It is not, therefore, surprising that the cultured portion of the community are stimulated to antiquarian research. The masses are clearly a pleasure-loving people, easily amused and contented, troubling themselves very little about religious matters; the arts, poetry, and the drama being much more revered than the church. The accepted and almost universal doctrine is that of Lutheranism. One meets comparatively few intelligent persons who cannot speak English, while many speak French and German also. The Danish language is a modified form of the old Gothic, which prevailed in the earliest historic ages.

Copenhagen is liberally supplied with free hospitals and charitable institutions, but except the Communal Hospital, the buildings devoted to these purposes have no architectural merit. A child's home was pointed out to us designed for the children of the poor, whose parents are unable to take care of them during their working hours. Before going out to a day's labor, a mother can place her child in this temporary home, where it will be properly cared for and fed until she returns for it. "Is any charge made for this service?" we asked. "Certainly," replied our informant, himself an official of importance; and he named a sum equal to about five cents of our money as the price per day for the care of each infant. "If it were entirely gratuitous," he added, "it would not be nearly so well appreciated, and would lead to imposition. The payment of this trifling sum enhances the estimate of the privilege far beyond its cost." The institution could not be sustained by such limited charges however; its real support is by the local government. Another institution was visited, designed for the sick and poor, where they can be properly nursed when temporarily ill, yet not sufficiently so to seek admission to a regular hospital. There have been as many as eight thousand patients admitted within a twelve-month to this establishment. There are also homes for old men and old women, intended for indigent persons who are too old to work. From the latter "home" there was observed driving upon the Lange Linie, beside the sea, a large open wagon full of dames who were enjoying a healthful outing. As the vehicle passed us, the driver was pointing out to his charges the distant view of Sweden, across the intervening Sound. The Royal Theatre or Opera House, situated on the King's Square, was to us a surprise, – it is so similar, at first sight, to the more elaborate and costly Opera House in the Place de l'Opéra in Paris, and as it antedates that elegant structure, it would certainly seem to have suggested some of its best lines. The Danish theatre will accommodate seventeen hundred persons, and is usually well filled, the royal box being seldom empty. The corridors are remarkable for spaciousness, and form a popular promenade for both sexes during the intervals between the acts. This furnishes an agreeable social break to the often long-protracted performances. On one side of the theatre facing the Square is a hideous bronze statue of Adam Oehlenschlaeger, the Danish lyric author; and on the opposite side is another representing Ludwig von Holberg, the Norwegian dramatist. This latter, in an artistic sense, is still more objectionable than the first named. The ballet as represented here is unique, being mostly designed to illustrate the early history of Scandinavia.

On one of the main thoroughfares leading from the Square already named, the triple domes of a Russian church dazzle the eye with their bright gilded surface and long hanging chains, depending from cross and crescent of the same metal, the whole reflecting the sun's rays with the force of a Venetian mirror. The interior, however, is plain, though rich in white marble, here and there carved in lattice pattern to form balustrades and dados. Near by this church is the residence of the Russian Minister. On this same street, called the Bredgade, is the Frederick's Church, begun as long ago as 1749, after a grand design, and not yet finished. It is half surrounded to-day by a broad high staging, upon which groups of mechanics were seen busily at work, as has been the case for so many

generations. This is known as the Marble Church, and is surmounted by a grand if not graceful dome of immense proportions. The English residents of the city are building an Episcopal church on the Esplanade, the local government having given the ground for this purpose. The corner-stone was laid by the Prince of Wales in 1885, with a grand ceremony, at which the Emperor and Empress of Russia assisted, with all the Danish royal family. It is the first English church erected in the country. On the Amaliegade, which runs parallel with the Bredgade and which is the next street to it, are four spacious palaces, which form a square, in the centre of which stands a bronze statue of Frederick V. These palaces are the town residence of the present royal family, one being also devoted to the business of the Foreign Office. The Amaliegade ends at the Lange Linie, where the Esplanade begins.

The spire of the large city Exchange is very curious, being formed of the twisted tails of three marvellous dragons, their bulging heads resting on the four corners of the tower, – altogether forming the most ridiculous attempt at architectural ornamentation we have yet chanced to behold. The building thus surmounted dates back to 1624, forming a memento of the reign of Christian IV. The Church of our Saviour has also a remarkable spire, with a winding staircase outside leading to the pinnacle. The bell which surmounts this lofty spire, and upon which stands a colossal figure of our Saviour, is said to be large enough to contain twelve persons at a time; but without climbing to the summit, the local guide's assurance that there were just three hundred and ninety three steps between base and top was unhesitatingly accredited. This church was consecrated in 1696. A peculiarity of its steeple is the fact that the spiral stairs wind upwards in the opposite direction from that which is usual. This was undoubtedly an accident on the part of the mechanics. Christian IV. detected the awkwardness and pointed it out to the architect, who, singular to say, had not before realized a circumstance which is now so obvious. His consequent chagrin was so great as nearly if not quite to render him insane. He ascended the spire on the day when the work was completed, and ended his life by throwing himself from the summit. Such was the entertaining legend rehearsed with great volubility to us by our local guide, who was evidently annoyed at our smile of incredulity.

In strolling about the town one comes now and then upon very quaint old sections, where low red-tiled roofs and houses, with gable ends towards the street, break the monotony. The new quarters of Copenhagen, however, are built up with fine blocks of houses, mostly in the Grecian style of architecture, – palatial residences, with façades perhaps a little too generally decorated by pilasters and floral wreaths, alternating with nymphs and cupids. The two-story horse-cars convey one in about fifteen minutes over a long, level, tree-shaded avenue from the centre of the city to in the environs. It is a palace erected by Frederick IV. as a summer residence for himself and court, but though capacious and finely located, it is void of all aspect of architectural grandeur. As a portion of the grounds commands a fine view of the city, the castle is generally visited by strangers. The spacious building is at present used for a military educational school. The park which surrounds is the great charm of the locality, being ornamented in all parts by immemorial trees, deep sylvan shades, purling streams, graceful lakes, and inviting greensward. It forms the daily resort of picnic parties from the close streets of the town near at hand, who come hither on summer afternoons in such numbers as to tax the full capacity of the tramway. At the entrance to the park stands a bronze statue of Frederick IV., which presents so strong a likeness to Lamartine, in form and feature, as instantly to recall the French orator and poet. Adjoining the extensive grounds of the castle is the Zoölogical Garden, which appears to occupy about ten acres of well-wooded and highly cultivated territory, ornamented with choice flower-beds, small lakes for aquatic birds, and a large brook running through the midst of the grounds. There is here an admirable collection of animals. The author's visit chanced upon a Saturday afternoon, when a bevy of primary-school children, composed of boys and girls under twelve years, was being conducted from section to section by their teachers, while the nature of each animal was lucidly explained to them. No advantage for educational purposes seems to be forgotten or neglected in Denmark.

CHAPTER II

Public Amusements in Copenhagen. – Danish Sovereigns. – The Fashionable Promenade. – Danish Women. – Palace of Rosenborg. – A Golconda of Gems. – A Poet's Monument. – A Famous Astronomer. – Our Lady's Church. – The King's Square. – The Curious Old Round Tower. – The Peasantry. – A Famous Deer Park. – Røskilde. – Elsinore. – Gypsies. – Kronborg Castle. – The Queen's Prison. – Hamlet and Ophelia's Grave. – A Danish Legend

Copenhagen is not without its ballets, theatres, Alhambras, Walhallas, and *cafés chantants*. The principal out-door resort of this character is the Tivoli Gardens, laid out in the Moorish style, where the citizens, representing all classes, – the cultured, the artisan, and the peasant, – assemble and mingle together in a free-and-easy way. Here they enjoy the long summer evenings, which indeed at this season of the year do not seem like evenings at all, since they are nearly as light as the day. Whatever may be said in advocacy of these public assemblies, enjoyed amid the trees, flowers, soft air, and artistic surroundings, there seems to a casual visitor to be too much freedom permitted between the sexes for entire respectability, and yet nothing actually repulsive was observable. In Berlin or Vienna these popular resorts would be designated as beer gardens; here they are called tea-gardens. The Tivoli has a fine ballet troupe among its attractions, and employs two orchestras of forty instrumental performers each, stationed in different parts of the spacious gardens. The price of admission to these illuminated grounds is merely nominal. Some of the wealthiest families as well as the humbler bring their children with them, as is the custom of those who frequent the beer gardens of Munich and Dresden. As a popular place of varied and attractive amusements the Tivoli of Copenhagen has hardly its equal in Europe.

Just across the harbor is the spacious and fertile island of Amager, some twenty square miles in extent, which serves as the kitchen or vegetable garden of the capital. It was first occupied by a colony of Flemings who were brought hither in 1516 by Charles II., for the purpose of teaching his subjects how to cultivate vegetables and flowers. The descendants of these foreigners still retain traces of their origin, remaining quite distinctive in their costume and personality. These peasants, or at least those who daily come to market, must be well off in a pecuniary sense, judging by their gold and silver ornaments and fanciful dresses.

Tramways render all parts of the city and environs accessible, the double-decked cars enabling them to carry a large number of passengers. Broad streets and convenient sidewalks invite the promenaders along the open squares, which are frequently lined with umbrageous trees and embellished with monuments. The fashionable drive and promenade is the Lange Linie (that is, the "Long Line"), bordering the Sound and forming a complete circle. It reminded one of the Chiaja of Naples, though there is no semi-tropical vegetation to carry out the similitude. It was pleasant to meet here the members of the royal family, including the Queen and Prince Royal. The two servants upon the box in scarlet livery were the only distinctive tokens of royalty observable, and there were no other attendants. Her Majesty and the Prince were both prompt to recognize and salute us as a stranger. The present king, Christian IX., it will be remembered, was crowned in 1863, and is now in his sixty-fifth year. Being in poor health, during our visit he was absent at Wiesbaden, partaking of its mineral waters. It must be admitted that the past sovereigns of Denmark have not always been so deserving of popular respect as have the people of the country generally. The late king was by no means a shining light of morality. He was married three times, divorcing his first queen; the second divorced him, and the royal *roué* ended by marrying his mistress, who was a fashionable milliner. He first created

her a countess, but he could not make a lady of her, even in outward appearance, and she remained to the last a social monstrosity to the court. She was fat, vulgar-looking, snub-nosed, bourgeoisie, and ruled the King in all things. She was totally ignored by decent society in the capital, and became so obnoxious that she nearly provoked open rebellion. However, the fortunate death of the King finally ended this condition of affairs; and as he left no children by any of his wives, the crown descended to his cousin the present King, who, it is pleasant to record, has not failed to dignify the throne.

The ladies walk or drive very generally in the afternoon upon the Lange Linie, and are certainly attractive with their fair complexions, light golden hair, and smiling blue eyes. They have both sunny faces and sunny hearts, emphasized by the merriest tones of ringing laughter that ever saluted the ear. They are lovable, but not beautiful, excelling in ordinary accomplishments, such as music and dancing; "but above all," said a resident American to us, "they are naturally of domestic habits, and care nothing for politics or so-called woman's rights, except the right to make home happy." The well-to-do portion of the community very generally live in "flats," after the French and modern American style. Some large and elegant buildings of this character were observed in course of construction at the extreme end of the Bredgade. There is no very poor or squalid district in the town, and one looks in vain for such wretched hovels as disfigure so many European cities.

The Palace of Rosenborg with its superb gardens, noble avenues of chestnut trees, and graceful shrubbery is situated near the present centre of the city. It was once a royal residence, having been built by Christian IV. as a dwelling-place, whither he might retire at will from the noise and interruptions of the capital. At the time of its erection in 1604 it was outside the walls, a radius which the modern city has long since outgrown. The room in which the King died in 1648 is shown to visitors, and recalled to us the small apartment in which Philip II. died at the Escorial, near Madrid. Among the few paintings upon the walls of this apartment is one representing the King upon his death-bed, as he lay in his last long sleep. The palace is now devoted to a chronological collection of the belongings of the Danish kings, spacious apartments being devoted to souvenirs of each, decorated in the style of the period and containing a portion of the original furniture from the several royal residences, as well as the family portraits, gala-costumes, jewelry, plate, and weapons. Altogether it is a collection of priceless value and of remarkable historic interest, covering a period of about four hundred and fifty years. One is forcibly reminded of the Green Vaults of Dresden while passing through the many sections of Rosenborg Castle. The extraordinary and valuable collection within its walls has, it is believed, no superior in point of interest in all Europe. The founder of this museum was Frederick III., the son and successor of Christian IV. Some of the cabinets and other articles of furniture in the various halls and rooms are marvellous works of art, inlaid with ivory and mother-of-pearl, representing birds, flowers, landscapes, and domestic scenes with all the finished effect of oil paintings by a master-hand. In the cabinets and tables secret drawers are exposed to view by the touching of hidden springs. While some tables are formed of solid silver, as are also other articles of domestic use, still others are composed of both gold and silver. Many of the royal regalias are profusely inlaid with diamonds, sapphires, emeralds, rubies, and other precious stones, – forming an aggregated value too large for us to venture an estimate. The toilet sets were numerous, and had belonged to the several queens, each embracing eight or ten finely wrought pieces made of solid gold, superbly inlaid with precious stones. Among these costly sets was observed the jewelled casket of Queen Sophia Amalie, wife of Frederick III., a relic of great interest, inlaid with scores of large diamonds. The costly and very beautiful bridal dresses of several royal personages are here exhibited, all being carefully and chronologically arranged, so that the intelligent visitor clearly reads veritable history amid this array of domestic treasures.

It is difficult to designate the order of architecture to which the Rosenborg Palace belongs, though it is clearly enough in the showy renaissance of the seventeenth century. It is attributed to the famous architect Inigo Jones. In the spacious grounds is a fine monument erected to the memory of Hans Christian Andersen, the Danish poet and author, whose popular tales are the delight not only of all Scandinavian children, but of those of larger growth, being full of acute observation and profound

views under a simple and familiar guise. At the foot of this statue, as we passed by, there stood a group of young children, to whom one evidently their teacher was explaining its purport. A school of gardening is also established here, with extensive conservatories and hot-houses. These grounds are called the Kindergarten of the city, being so universally the resort of infancy and childhood during the long summer days, but are officially known as Kongen's Have (King's Garden).

Close to the Rosenborg Palace is the Astronomical Observatory, in the grounds of which is a monument to the astronomer Tycho Brahe, who died in 1610. This monument was unveiled on the 8th day of August, 1876, just three hundred years after the founding of Brahe's famous observatory on the Island of Hveen, where he discovered on the 1st of November, 1572, the Cassiopeia, which is best known as Tycho Brahe's star. "Only Venus at her brightest surpasses this new star," wrote the enthusiastic astronomer. Science, however, has since shown that it was no new star, but one that shines with great lustre for a few months once in a period of three hundred years. One sunny afternoon the author took a trip up the Sound to Hveen, familiarly known as Tycho Brahe's Island, and which was presented to Tycho by the King of Denmark. The foundation in ruins is all that remains of the famous castle which the somewhat vain astronomer built here, and to which he gave the name of Uraniborg ("Castle of the Heavens."). This man was a strange compound of science and superstition; he was a poet of no ordinary power, and was courted by many of the eminent men of his day. James VI. of Scotland was at times his guest at Hveen. He was well connected, but mortally offended his relatives by marrying an humble peasant girl of Amager.

The most interesting Christian temple in the capital is that of Our Lady's Church, being also the oldest and best endowed. It was founded early in the twelfth century, and is in the Greco-Roman style; but its greatest attraction is the possession of some of Thorwaldsen's finest sculpture. The sad-fated Caroline Matilda was married with great ceremony in this church, in 1766, to her cousin Christian VII. Outside of the church are two statues in bronze, – one of David by Jerichau, and one of Moses by Bissen. The King's Square already spoken of is situated very near the actual centre of the city, whence radiates a dozen more or less of the principal streets, of which the Bredgade (Broad Street) is one. In the middle of this area there is a statue of Christian V. surrounded by grotesque, allegorical figures. The material of the statue is lead, the whole forming a colossal caricature upon art, entirely unworthy of its present situation. There is a friendly collection of tall shrubbery clustered about the leaden statue, forming a partial screen. The spacious square, or circus as it would be called in London, or piazza in Rome, is bordered by several public buildings, mingled with tall narrow dwellings, characterized by fantastic gables and long sloping roofs full of little dormer windows. The Royal Theatre, the Academy of Arts, Count Moltke's picture gallery, and some hotels centre here.

The Round Tower of Copenhagen has been pronounced one of the most remarkable buildings in the world. It is certainly very peculiar, designed as a sort of annex to the Church of the Holy Trinity. Formerly it served as an astronomical observatory; and it is an observatory still, since it affords one of the best and most comprehensive views that can be had of the low-lying capital. The tower consists of two hollow cylinders, and between them a spiral, gradually-inclined foot-way leads from base to summit, somewhat similar to the grand Campanile in the piazza of St. Mark, Venice. It is quite safe for a horse and vehicle to ascend; indeed, this performance is said to have been achieved by the Empress Catherine, and it is also recorded that Peter the Great accomplished the same feat on horseback in 1707. From the top of the Round Tower the red-tiled roofs of the city lie spread out beneath the eye of the visitor, mingled with green parks, open squares, tall slim steeples, broad canals, public buildings, long boulevards, palaces, and gardens. To this aspect is added the multitude of shipping lying along the piers and grouped in the harbor, backed by a view of the open sea. The Swedish coast across the Baltic is represented by a low range of coast-line losing itself upon the distant horizon. Turning the eyes inland, there are seen thick groves of dark woods and richly cultivated fields, sprinkled here and there by the half-awkward but picturesque and wide-armed wind-mills in

lazy motion. The bird's-eye view obtained of Copenhagen and surroundings from this eyrie is one to be long and vividly remembered.

There is what is called the Dyrehave, or Deer Park, a couple of miles beyond the Prince's château, where the people of Copenhagen annually enjoy a mid-summer revel lasting some weeks, perhaps a little too fast and free, if the truth be told, where even Nijnii-Novgorod is exceeded in lasciviousness. A fair of some days' continuance is held in the park, which reaches its climax on St. John's Eve, when its well-arranged precincts, groves, cafés, shooting galleries, flower-booths and verdant vistas make a rare picture of gayety and sportive life. A large herd of the picturesque animals after whom the park is named, roam at will over the more secluded portions. Among them two noble white stags were observed, the first we had ever chanced to see. The park is reached by a pleasant drive over an excellent road, or by steam tramway cars any hour in the day.

Twenty miles northwest of the city are situated the village and the royal palace of , one of the noblest of all the royal residences of the kings of Denmark. It stands about midway between the capital and Elsinore. The original building was begun under Frederick II., grandfather of Charles I. of England, and completed in 1608 by his son and successor Christian IV. The palace occupies three small islands in the middle of Lake Hilleröd, which is also the name of the neighboring market-town, the islands being connected therewith by a bridge. The building is four stories in height, composed of red sandstone, elaborately ornamented with sculpture, the whole surmounted by tall towers and a steeple containing a chime of bells. It has been pronounced a dream of architectural beauty, quite unequalled elsewhere in Denmark.

It is not the author's purpose to take the reader far away from Copenhagen, or at least from the shores of the Sound, as the plan of the present volume is so comprehensive in other directions as to circumscribe the space which can properly be devoted to Denmark.

On the peninsula, as well as in Zeeland, the land is generally undulating. There being as we have said no mountains or considerable elevations, consequently no waterfalls or rapids are to be met with; the rivers are smooth and the lakes mirror-like. The soil is sandy, often marshy, but produces good crops of grain and affords fine pasturage. The green fields were sprinkled far and near on the line of the railroad from Korsøer to Copenhagen with grazing cattle, sheep, and horses, forming a pleasing rural picture under a clear azure sky. The produce of the dairy is the great staple of Denmark. On this route one passes through the village of Leedoye, where there was once a grand Pagan temple and place of sacrifice, exceeded in importance in Scandinavia only by that at Upsala. Close at hand is Røskilde, so historically interesting, – though save its grand cathedral, dating from the twelfth or thirteenth century, it has little left to show that for five hundred years it was the capital of Denmark, even down to 1448. Here is to be seen the black marble sarcophagus of the renowned Queen Margaret of Scandinavia, surmounted by her recumbent effigy; also a mortuary chapel of Christian IV. and Frederick V. Other queens and monarchs are here interred, from the time of Harold to Frederick VII. The whole forms an exceedingly interesting monument of mediæval days.

Upon this line of road there are occasional districts so well wooded as to be called forests; but that word does not signify the same in Zeeland as it does in America. There are still to be seen occasional groups of gypsy vagrants in the inland districts, but are rarely to be found in the cities. Not many years ago they were here in great numbers, but are now gradually disappearing. One group was observed whose members presented all the peculiar characteristics of their Asiatic origin. They are dark-skinned, with raven-black hair and black piercing eyes, presenting a picture of indolence and sensuousness. The young women were mostly handsome, even in their dirt, rags, and cheap jewelry.

The ramparts and fortifications generally which formerly surrounded Copenhagen on the seaside have nearly all been demolished, the ground being now turned into fine garden-walks planted with umbrageous trees and bright-hued flowers, adding greatly to the beauty of the Danish capital. The last unimproved portion of these now defunct fortifications is being levelled and brought into ornamental condition. The former moats have assumed the shape of tiny lakes, upon which swans

are seen at all hours; and where death-dealing cannon were planted, lindens, rose-bushes, peonies, heliotrope, and tall white lilies now bloom and flourish. The outer-island defences have in the mean time been greatly strengthened and the more modern weapons of warfare adopted, so that Copenhagen is even better prepared for self-defence than ever before.

"Lord keep me innocent: make others great."

One has only to study for a moment the serene and beautiful face of the Queen, as exhibited in Rosenborg Palace, to feel entire confidence in her innocence.

If you come to Elsinore the guide will show you what is called Hamlet's grave, located in a small grove of trees, where some cunning hands long ago erected a rude mound of stones. Shakspeare, who had a royal way of committing anachronisms, made Hamlet live in this place after the introduction of gunpowder, whereas, if any such person ever did exist, it was centuries earlier and hundreds of miles farther north upon the mainland, in what is now Jutland. However, that is unimportant. Do not leave Elsinore without visiting Ophelia's fatal brook! To be sure it is not large enough for a duck to swim in, but a little stretch of the imagination will overcome all local discrepancies.

Far back in Danish legendary story, a time when history fades into fable, it is said there was a Hamlet in northern Denmark, but it was long before the birth of Christ. His father was not a king, but a famous pirate chief who governed Jutland in conjunction with his brother. Hamlet's father married the daughter of a Danish king, the issue being Hamlet. His uncle, according to the ancient story, did murder Hamlet's father and afterwards married his mother; and this was the basis of Shakspeare's grand production.

The great, gloomy-looking castle of Kronborg, which has stood sentinel here for three centuries, would require two thousand men and more to defend it in time of war, but modern gunnery has rendered it, for all offensive purposes, of no account. The Sound, which at Copenhagen is about twenty miles wide, here narrows to two, the old fort of Helsingborg on the Swedish coast being in full view. Thus the passage here forms the natural gate to the Baltic. There are delightful drives in the environs of Elsinore presenting land and sea views of exquisite loveliness, the water-side bristling with reefs, rocks, and lighthouses, while that of the land is picturesque with villas, groves, and cultivated meads.

CHAPTER III

Gottenburg. – Ruins of Elfsborg. – Gustavus Adolphus. – A Wrecked Monument. – The Girdle-Duellists. – Emigration to America. – Public and Private Gardens. – A Kindly People. – The Götha Canal. – Falls of Trollhätta. – Dainty Wild-Flowers. – Water-ways. – Stockholm and Lake Maelaren. – Prehistoric Tokens. – Iron Mines of Sweden. – Pleasing Episode with Children. – The Liquor Traffic Systematized. – A Great Practical Charity. – A Domestic Habit

One day's sail due north from Copenhagen through the Sound and the Cattegat – Strait of Catti – brings us to Gottenburg, the metropolis of southwestern Sweden. The Strait, which is about a hundred miles in width, is nearly twice as long, and contains many diminutive islands. Gottenburg is situated on the Götha River, about five miles from its mouth. In passing up this water-way the old fortification of Elfsborg was observed, now dismantled and deserted, though it once did good service in the war with the Danes. Cannon-balls are still to be seen half embedded in the crumbling stonewalls, – missiles which were fired from the enemy's ships. Though Gottenburg is less populous, it is commercially almost as important as Stockholm the capital, and it is appropriately called the Liverpool of Scandinavia. The town, with its eighty thousand inhabitants, has a wide-awake aspect, especially in the neighborhood of the river, where the numerous well-stocked timber-yards along the wharves show that product to be a great staple of the local trade. One is agreeably prepossessed upon landing here by a certain aspect of neatness and cleanliness observable on all sides. Indeed, few foreign towns produce so favorable a first impression. The business centre is the Gustaf-Adolf-Torg, in which is situated the Börs, or Exchange, decidedly the finest building architecturally in the city. In the centre of the Torg is a bronze statue of Gustavus Adolphus, the founder of the town, and which, as a work of art, is extremely creditable to the designer, Fogelberg. The history of the statue is somewhat curious. It seems that the first one designed for this public square was wrecked at sea while on its passage from Hamburg to Gottenburg, but was rescued by a party of sailors off Heligoland, who claimed so extraordinary a sum as salvage that the Gottenburgers refused to pay it, and ordered of the sculptor a second one to replace that which had been saved from the sea. In due time the second statue was furnished and set up in the Torg, Nov. 5, 1855, on the two hundred and twenty-third anniversary of the death of Gustavus. The extortionate seamen who held the first statue were finally glad to sell it to other parties for a comparatively small sum, representing its bare metallic value. It now stands in the Domshide of Bremen.

The deep, broad watercourse which runs through the centre of the city to the harbor is the beginning of the famous Götha Canal, which joins fjord, river, locks, and lakes together all the way to Stockholm, directly across southern Sweden, thus connecting the North Sea and the Baltic. The two cities are also joined by railroad, the distance between them being over three hundred miles. The rural parts of the country through which the canal passes are not unlike many inland sections of New England, presenting pleasant views of thrifty farms and well-cultivated lands. There are some sharp hills and abrupt valleys to be encountered, which are often characterized by grand waterfalls, wild-foaming rivers, and surging rapids.

Though there is no striking similarity between the two cities, one is yet reminded of Amsterdam by Gottenburg, aided perhaps by the memory that it was originally founded by Gustavus Adolphus, in 1619, and that Dutch settlers were among its first inhabitants. The descendants of such people are pretty sure to retain an ancestral atmosphere about them which is more or less distinctive. The place is divided into an upper and lower town, the latter being a plain cut up into canals, and the former spread

picturesquely over the adjoining hills. The town is made up of two or three principal boulevards, very broad, and intersecting one another at right angles, with a canal in their centres, these waterways being embanked by substantial granite borders, which are interspersed at convenient distances with granite steps connecting the street with the water. The spacious harbor admits of vessels drawing seventeen feet of water.

Gottenburg is built mostly of brick, which are brought either from Denmark or Holland; and yet the whole peninsula of Scandinavia abounds in stone. Large blocks of dwelling-houses were observed in course of construction which were of four or five stories, and quite elegant in design. The citizens feel a just pride in a well-endowed College, a large Public Library, an Exchange, two Orphan Asylums, a flourishing Society of Arts and Sciences, a large Theatre, and two spacious public parks. In front of the theatre is an admirable reproduction of Molin, the Swedish sculptor's famous group of two figures representing "the girdle-duellists," the original of which stands in front of the National Museum at Stockholm. This popular and vigorous composition is reproduced in plaster and terracotta, and offered for sale in all the cities of the North, being particularly numerous in the art stores of Copenhagen. It depicts one of the ancient Scandinavian duels, wherein the combatants, stripped to the skin, were bound together by their united leather belts, and thus confined, fought out their battle with their knives, the result proving nearly always fatal to both. Previous to engaging in the conflict, each of the contestants drove the blade of his knife as deep into a thick pine-board as he could do with one stroke of his arm. All the rest of the blade was then blunted and bound securely with cord, leaving only the inch, more or less, exposed which had been buried in the wood. If the weapons had not been thus partially protected, the first blow might have proved fatal, whereas these ancient belt-duels were designed to exemplify strength and endurance. The splendid pose and fine muscular development of the two figures, represented at the height of their struggle, have justly given its author lasting fame. This group has been declared to hold the same place in modern sculpture that Meissonier's picture of "The Quarrel," the original of which is the property of Queen Victoria, holds in modern painting.

Gottenburg is not without its cathedral and numerous fine churches, but especially it has excellent common schools of the several grades, primary, middle, and high. It will be remembered that education is compulsory throughout Sweden. English is regularly taught in her schools and very generally spoken by the educated classes. In conversation with the common people, it was discovered that the goal of their ambition was to emigrate to America. The departures for this country, though not excessive, are yet steady both from this port and Stockholm, aggregating in some years forty thousand from Sweden and Norway combined, now and then a group of Finns going to make up the number. Money among the lower classes is almost as scarce as it is in Ireland; but those who have emigrated, and have been successful, liberally remit money wherewith to enable family and friends to join them in America.

The Public Gardens of Gottenburg are beautifully arranged, and are kept in exquisite condition, – one large division being designated as the Botanical Gardens, and abundantly supplied with exotics, especially from tropical regions. Blooming hawthorn, white and pink lilacs, and a great variety of beautiful trees challenge admiration on entering these grounds. Among many familiar flowers a species of dwarf lobelia of azure blue and the Alpine forget-me-not, with pale-blue flowers and yellow eyes, were particularly observable, mingled with pansies in a confused variety of mammoth proportions. The golden-leaved verbena and a large, tall, pearly-white tiger-flower were both abundant, the latter speckled with ruby-colored spots. The horse-chestnut trees were in great variety and the largest we had ever seen. There were many grand old oaks and fine Lombardy poplars in stately ranks, as upright as soldiers at a review. Inland excursions showed the pine and the fir to be the prevailing trees, the birch becoming more abundant farther north. Fully one third of the country, as we were assured, is covered with woods, some of which seemed almost endless in extent. The immediate environs of Gottenburg are very attractive, well wooded, and adorned with picturesque cottages and some large villas. Among others which we visited was that of Oscar Dickson, famous

for his interest in Arctic expeditions. No private gardens in England or America are more admirably kept, and the grape-houses we have never seen surpassed in the varieties or perfection of the fruit. The low-lands were found occasionally bright with the golden petals of the marsh-marigold, which fairly blazed under the direct rays of the sun. There is a saying here, that when it blooms the cuckoo comes and the roach spawns. A fine old bit of mouldering, ivy-grown ruins in the shape of a Martello tower, situated upon rising ground and overlooking the entrance to the inland waters, is sure to attract the traveller's admiring eye.

The kindness of the common people and their pleasant manners are most captivating, being characterized by quiet self-possession and thoughtfulness for a stranger's well-being. In more than one instance a casual inquiry was not only promptly responded to, but we were taken pleasantly in hand, and other welcome though unsought guidance and information were voluntarily offered. Education is far more general and culture is of a higher grade in Sweden than is common with the people of Southern Europe, while music seems to be as universal an accomplishment here as it is in Italy. The population is frugal, honest, self-helping, and in many respects resembles that of Switzerland.

The system of inland communication by means of the Götha Canal is one of the most remarkable ever achieved by man, when the obstacles which have been overcome and the advantages accomplished are taken into consideration. Steam-vessels, limited to one hundred and six feet in length on account of the size of the locks, are carried regularly hundreds of miles by it across and over the highlands of southern Sweden from sea to sea. The reader can easily realize what a triumph of engineering skill it is when he sees a well-freighted steamboat climb a mountain side, float through lock after lock, and after reaching the apex of the hilly country, descend with equal facility towards the coast and sea-level. Steamboats and sailing vessels navigating the canal rise, in all, three hundred and eighty feet above the level of the Baltic during the passage across the country. At the little town of Berg the locks are sixteen in number, and form a gigantic staircase, by means of which vessels are raised at this point one hundred and twenty feet. Here, as well as at the famous Falls of Trollhätta, the traveller can leave the steamer for three or four hours, walking on in advance, and thus obtaining some charming views of inland scenery. No intelligent person can fail to appreciate the grandeur of the remarkable falls just mentioned, with their pine-clad, precipitous banks and wild tumult of waters, partially screened by a white foam-cloud reaching far heavenward.

If possible, it is well to tarry for a day at Trollhätta, visiting the various points of interest about the famous rapids, and watching the many steamboats and other vessels which pass so mysteriously through the ponderous locks, ascending and descending the elevations with mathematical regularity and speed. The valley through which the railroad passes, often parallel with the canal, on the way from Gottenburg to Trollhätta, is one of the most fertile in Sweden, and when we saw it was rich with ripening grains. The falls are accessible from Gottenburg by rail in about two hours' travel, or by canal leaving the city early in the morning and returning in the evening, giving the visitor six or eight hours' time at the falls. Trollhätta presents one of the great curiosities of Sweden, to visit which tourists come from all parts of Europe. It is true that the hoarse music of these falls is mingled with the din of sawmills, foundries, and smithies, – but one need not specially regard them. A little poetical latitude adds zest to imagination, and we see the beauties and marvels which we come prepared to see. The falls consist of a series of tremendous rapids extending over a distance of about two hundred yards; and producing an uproar almost equal to the ceaseless oratorio of Niagara. The rapids are intersected by two or three rocky but well-wooded islands, on either side of which the angry waters rush with a wild, resistless power, tossed by the many sub-currents. The whole array of rapids forms a succession of falls of which the first is called Gullöfallet, where on both sides of an inaccessible little island the waters make a leap of twenty-six feet in height, the rebound creating a constant cloud of feathery spray. Then follows the highest of the falls, the Toppöfallet, of forty-four feet in height, likewise divided by a cliff into two parts, against which the frantic waters chafe angrily. The next fall measures less than ten feet in height, followed a little way down the rapids by what is called

the Flottbergström, – all together making a fall of foaming eddies and whirls equal to about one hundred and twelve feet. While near to these roaring waters amid the general chaos, conversation is impossible. As at all extensive falls, rainbows constantly hang over and about the wild surging waters reflected in the gauze-clouds of transparent mist.

While strolling through the wood-paths and over the rocky ways which line this sleepless disorder of the waters, the grounds in many places were seen to be gorgeously decked with flowers of Nature's planting, – many-colored, sunshine-loving things. Among those more particularly abundant was the pretty violet-purple flower of the butterwort, each circle of pale-yellow leaves, with the stalk rising from the centre crowned with its peculiar bloom. "Beautiful objects of the wild-bee's love." But for the glutinous exudation one would be tempted to gather them by handfuls. The town of Trollhätta is a village of three thousand inhabitants, and contains a graceful little Gothic church. The people are mostly manufacturers, who manage to utilize profitably a portion of the enormous water-power afforded by the falls. The word Trollhätta, we were told, signifies "the home of the water-witches." The local legends with which the traveller is freely regaled by the guides would fill a good-sized volume in print, but we feel disinclined to inflict them second-hand and wholesale upon the patient reader.

The Götha Canal, as before intimated, utilizes and connects several of the great lakes of southern Sweden, the principal ones in Scandinavia being located in this region. Lake Wener, which receives the waters of eighty rivers large and small, has an area of twenty-four hundred square miles, being nearly ten times as large as the famous Lake of Geneva. Lakes Wetter and Maelaren are the next in importance, either of which is fully twice the size of the Swiss lake just named. The canal proper – that is, the portion which has been artificially constructed – is ten feet deep, fifty wide at the bottom, and ninety at the surface. Two hundred and seventy miles of the route traversed by the vessels navigating the canal between Gottenburg and Stockholm are through lakes and rivers, all of which are remarkable for their clear spring-like character and the picturesqueness of their surroundings. Stockholm is situated on the Maelaren lake, where it finds an outlet into the Baltic. This large body of water is studded all over with islands of every form and size, on some of which are quaint old castles, mysterious ruins, and thick woods, haunted only by those rovers of the sky, the eagle and the hawk. Others are ornamented by charming villas, surrounded by fine landscape gardening, with graceful groves of drooping willows and birch-trees. Some contain only fishermen's huts, while here and there clusters of their small cottages form an humble village. The marine shells which are found in the bottom of some of the inland lakes of both Norway and Sweden show that the land which forms their bed was once covered by the sea. This is clearly apparent in Lake Wener and Lake Wetter, which are situated nearly three hundred feet above the present ocean level. The first-named body of water is some eighty miles long by a width of thirty. The latter is as long, but averages only ten miles in width. Complete skeletons of whales have been found far inland, at considerable elevations, during the present century. The oldest shell-banks discovered by scientists in Scandinavia are situated five hundred feet above the present level of the ocean. How significant are these deposits of a prehistoric period!

Sweden has comparatively few mountains, but many ranges of hills. Norway monopolizes almost entirely the mountain system of the great northern peninsula; but the valuable large forests of pine, fir, and birch which cover so much of the country are common to both. Though iron is found in large deposits in Norway, it is still more abundant in Sweden, where it is chiefly of the magnetic and hæmatite character, yielding when properly smelted the best ore for the manufacture of steel. It is believed that there is sufficient malleable and ductile iron in the soil of Sweden to supply the whole world with this necessary article for a thousand years to come. Mount Gellivare, which is over eighteen hundred feet in height, is said to be almost wholly formed of an ore containing fully eighty per cent of the best quality of merchantable iron; so that a dearth of this mineral is certainly not imminent.

But let us not wander too far from our course due north. Nor are we yet quite ready to depart from Gottenburg. While strolling alone through its broad and pleasant avenues, the writer met a couple of girls of about eleven and twelve years respectively. They were evidently sisters, and they looked so bright and so pleasantly into the stranger's face that he addressed them in the few native words at his command. That we were a foreigner was at once realized, and the eldest asked from whence we came. So much could be understood, and happily the name America was plain enough to them. It acted like a charm upon them, lighting up their soft blue eyes and wreathing their lips with smiles, while it also elicited their confidence. Each put a tiny hand within our own, and thus escorted we passed along until the nearest confectioner's shop was reached. Here we met upon terms where pantomime was quite sufficiently expressive, and we were soon engaged in partaking gleefully of bon-bons, cakes, and cream. What a merry half hour we three passed together, and how rapidly the time flew! Was real pleasure ever more cheaply purchased than at the moderate price demanded by the shop-keeper, who placed a little packet of sweets in each of the children's hands as we parted? On passing out upon the avenue we came full upon a person who was all astonishment and courtesy combined. It was Réné, our Danish courier. "I did not think, sir," he said, "that you knew any one in Gottenburg." "You were right, Réné," was the reply, "but these little fairies took possession of us, and we have had a delightful half hour together." Then both of the children began to speak to him at the same time, and he to reply to them. It was soon made apparent why they should so have affiliated with and trusted a stranger. They understood, that the writer was from America, where in the State of Pennsylvania they had a well-beloved brother. It seemed to the dear little blondes that we must have come as it were direct from him. On parting, a kiss was pressed upon the innocent lips of each of the children, while tremulous tears were only too obvious in the sweet, sympathetic eyes of the elder.

We were told of a rather curious system which originated here of controlling the liquor traffic, and which has long been in successful operation.

It appears that a certain number of shops only are licensed for the sale of pure, unadulterated spirits, wine, and beer within the town, and none others are permitted to engage in the business. These licensed establishments are all in the hands of an incorporated company, whose members are content to take five per cent per annum upon their invested capital, handing over the surplus to the town treasury, the sum thus received being appropriated towards reducing the regular tax-rates imposed upon the citizens. The managers of these shops where liquor is sold have fixed salaries, not at all contingent upon the profits realized from the business, and therefore they have no inducement to urge customers to drink. We saw scarcely any indications of intemperance here, and were assured by an intelligent resident that there had been much less drunkenness since this system had been adopted twelve years ago. As will be readily conceived, there is now a smaller number of dram-shops opened to tempt the weak. It is only too true that the "means to do ill deeds makes ill deeds done."

There is here also a system in operation designed to supply workingmen and persons of humble means with permanent dwelling-houses, – with homes which they may own. Comfortable brick houses are erected with all reasonable accommodations, and a title is made out to the would-be owner, he paying for the same by a small monthly instalment, until finally he owns the establishment. This being a philanthropic object, no profit above actual cost is designed to be realized by the promoters. The moral effect of the plan is excellent, leading to a sense of responsibility and economy among a class which is only too prone to expend its earnings for drink, or to fritter them away without realizing an equivalent.

It was found that the people in their domestic establishments had an odd way of prefacing their family meals; namely, partaking of raw salted salmon, smoked herring, chipped beef, and pickles of various kinds, which they washed down with one or two wine-glasses of strong spirit. It seemed to be an obvious inconsistency of purpose. This ceremony takes place at a side-table just before sitting down to the regular meal, be it breakfast, luncheon, or dinner. This custom was noticed afterwards at various places in Scandinavia as well as in Russia, the practice in the latter country being universal in

hotels and private houses; but it seemed obvious to us that it was only an excuse for dram-drinking as an appetizer. Bad habits are easily acquired, and soon make slaves of their incautious victims. More than one person admitted to us in Russia that without this preliminary tipple, dinner to them would have no relish.

CHAPTER IV

Capital of Norway. – A Grand Fjord. – A Free and Independent State. – The Legal Code. – Royal Palace and Gardens. – Oscar's Hall. – The University. – Public Amusements. – The Ice Trade. – Ancient Viking Ships. – Heathen Tombs. – An Interesting Hostelry. – A Steam Kitchen. – Environs of Christiania. – Horses and their Treatment. – Harvest Time. – Women's Work. – The Sæter. – A Remarkable Lake. – Wild Birds. – Inland Travel. – Scandinavian Wild Flowers. – Lonely Habitations. – A Land of Alpine Heights

In approaching the capital of Norway by sea from Gottenburg, the Christiania fjord is ascended for a distance of seventy miles to its head, bordered on either side nearly the whole way by finely-wooded hills, and its surface dotted by emerald isles reflected in the deep mirror-like waters. It must be understood that a fjord is not a sound, nor is it a thoroughfare in the full sense of that word; it is a *cul de sac*. This of Christiania at its *débouchure* is just fifteen miles in width, and like many other Norwegian fjords is much deeper than the sea beyond its mouth. The entrance is marked by a powerful and lofty lighthouse on the island of Færder. The ancient citadel of Akershus, built upon a bold and rocky promontory some six hundred years ago, commands the approach to the city. In this curious old fortification are kept the regalia and national records, the tree-adorned ramparts serving as a pleasant promenade for the public. One is often reminded while sailing upon Norwegian fjords of the Swiss lake-scenery. This leading to the capital is not unlike Lake Geneva in the vicinity of Vevay and Chillon, except that it is bolder in its immediate shores and is also broader and deeper than Lake Lemman. The city, which is built upon a gradual slope facing the south, is seen to good advantage from the harbor. No more appropriate spot could have been selected for the national capital by Christian IV., who founded it, and after whom it is named, than the head of this beautiful elongated bay. An ancient town named Oslo occupied the site in the middle of the eleventh century. It is the seat of the Storthing, or Parliament; and the King, whose permanent residence is at Stockholm, is expected to reside here, attended by the court, at least three months of the year. With its immediate suburbs, the population of the city is a hundred and twenty-five thousand. It should be remembered that Norway is a free and independent State, though it is under the crown of Sweden, and that the people are thoroughly democratic, having abolished all titles of nobility by enactment of the Storthing (Great Court) so early as 1821, at which time a law was also passed forbidding the King to create a new nobility. Nevertheless, the thought occurs to us here that these Northmen, who overran and conquered the British Isles, founded the very nobility there which is the present boast and pride of England. We find some problems solved in Norway which have created political strife elsewhere. Though its Church is identical with the State, unlimited toleration exists. There is also a perfect system of political representation, and while justice is open to one and all, litigation is sedulously discouraged. The meetings of the Storthing are quite independent of the King, not even requiring a writ of assemblage from him. Thus it will be seen that though nominally under despotic rule, Norway is really self-governed.

The legal code of Norway is well worthy of study, both on account of its antiquity and its admirable provisions. The old sea-kings, or free-booters as we have been accustomed to consider them, had a more advanced and civilized code than any of the people whose shores they devastated. Before the year 885 the power of the law was established over all persons of all ranks, while in the other countries of Europe the independent jurisdiction of the feudal lords defied the law until centuries later. Before the eleventh century the Scandinavian law provided for equal justice to all,

established a system of weights and measures, also one for the maintenance of roads and bridges, and for the protection of women and animals, – subjects which no other European code at that time embraced. These laws were collected into one code by Magnus VII. about the year 1260. They were revised by Christian IV. in 1604, and in 1687 the present system was drawn up. So simple and compact is it that the whole is contained in a pocket volume, which is in the possession of every Norwegian family. Each law occupies but a single paragraph, and all is simple and intelligible. Speaking of these early law-makers (as well as law-breakers!) Carlyle says: "In the old Sea-Kings, what an indomitable energy! Silent, with closed lips, as I fancy them, unconscious that they were specially brave; defying the wild ocean with its monsters, and all men and things; progenitors of our Blakes and Nelsons!"

The Royal Palace of Christiania is pleasantly situated on an elevated site, the highest ground in fact within the city, surrounded by an open park containing miniature lakes, canals, and groves of charming trees. The park is called the Royal Gardens, which are always open to the public. Fronting the palace is an admirable equestrian statue in bronze of the citizen King Bernadotte, who ascended the throne of Sweden under the name of Carl Johan XIV., and it bears his consistent motto: "The people's love is my reward." The palace is a large plain edifice of brick, quadrangular in shape and painted a dull ugly yellow, with a simple portico. It was erected within the last fifty years, and looks externally like a huge cotton-factory. The Queen's apartments are on the ground floor and are very beautifully furnished, especially the White Saloon, so called. Above these are the King's apartments, embracing the usual variety of state halls, audience chambers, reception rooms and the like, plainly and appropriately furnished. The palace contains some of Tidemand's best pictures. There is also a royal villa called Oscar's Hall, situated in the immediate environs on the peninsula of Ladegaardsöen, less than three miles from the city proper. It is a Gothic structure amid the woods, eighty feet above the level of the waters of the harbor which it overlooks. Oscar Hall, with its one castellated tower, is scarcely more than a shooting-box in size, though it is dignified with the name of palace. The grounds are wild and irregular, covered mostly with a fine growth of trees, mingled with which the mountain ash was conspicuous with its clusters of berries in royal scarlet. The air was full of the fragrance of the lily-of-the-valley, which lovely little flower grows here after its own sweet will in rank profusion. There are a few choice paintings in the Hall, especially some admirable panels by Tidemand representing scenes in Norwegian peasant life, and called "The Age of Man from the cradle to the grave." There are also, we feel constrained to say, some very poor pictures on the walls of Oscar's Hall. In the garden near the villa were many familiar flowers in a thrifty condition, such as lilacs, white and scarlet honeysuckles, sweet peas, yellow tiger-lilies and peonies, besides some curious specimens of cacti and a wonderfully fragrant bed of low-growing mignonette. It was singular to see flowers and fruits which with us have each their special season, here hastening into bloom and ripeness all together.

The streets of the city are quite broad, most of them running at right angles with each other. The houses are generally of brick, stuccoed, though there are some of stone, and all have the effect of stone structures. There was once a richly endowed cathedral here, where James I. of England was married to Anne of Denmark in 1589, but it was destroyed by fire, which element has completely devastated the place at different periods, so that the present aspect is one of a substantial modern character. The old wooden houses have almost entirely disappeared. The present cathedral is in the shape of a Greek cross, but it is of no special interest. Over the altar is a painting by a German artist representing our Saviour in the Garden of Gethsemane, a work of much more than ordinary merit. The inhabitants of Christiania are almost exclusively Protestants.

The University founded by Frederick VI. in 1811 is a plain but massive structure, the front ornamented with Corinthian pillars of polished red granite. It accommodates at the present writing some nine hundred students, the tuition being free to all native applicants suitably prepared; it contains also a noble library of over two hundred thousand volumes, besides many manuscripts of inestimable value. The library is freely open even to strangers under very simple restrictions. The University also

contains an extensive Museum of Zoölogy and Geology, which in the departments of the bronze and iron periods excels even the admirable one at Copenhagen. Christiania has a Naval, a Military, and an Art school, a Lunatic Asylum, an Astronomical Observatory, and various charitable institutions; nor should we forget to mention its admirably conducted Botanical Garden situated about a mile from the town, containing among other interesting varieties a very finely-arranged collection of Alpine plants from Spitzbergen and Iceland. The town has its Casino, Tivoli, or whatever we please to call it; the good citizens here have named it the Klinkenberg. It is a place of out-door amusement for old and young, where grown up children ride wooden-horses and participate in childish games with apparently as much zest as the little ones. Here we found peep-shows, pistol-galleries, Russian slides, a small theatre, and cafés where were dispensed beer, music, and Swedish punch, – this last very sweet and very intoxicating! The acrobat, with his two small boys in silver-spangles and flesh-colored tights, was present and especially active, besides the conventional individual who eats tow and blows fire from his mouth. On the occasion of our visit the last named individual came to grief, and burned his nether lip severely.

The commerce of Christiania is increasing annually. Over two thousand vessels were entered at its custom house during the year 1885. There are regular lines of steamers established between here and London, Hull, Glasgow, Copenhagen, and other ports, which transact a large amount of business in the freight department, with a considerable incidental passenger trade. The harbor is frozen over at least three months of the year, though that of Hammerfest, situated a thousand miles farther north on the coast of Norway, is never closed by ice, owing to the genial influence of the Gulf Stream, – an agent so potent as to modify the temperature of the entire coast of Scandinavia on its western border. Wenham Lake Ice, which was originally and for some years shipped from Massachusetts to England, now comes direct from the Christiania fjord! An English company has long owned a lake near Dröbak, which yields them an ample supply of ice annually. The London ice-carts still bear the name of "Wenham Lake," but the ice comes from Norway. We were told that the quantity shipped for use in England increases yearly as ice grows to be more and more of a domestic necessity.

The Storthing's Hus is quite a handsome and imposing building, of original design in the Romanesque and Byzantine style, facing the Carl Johannes Square, the largest open area in the city. It was finished and occupied in 1866. The Market Place is adorned with a marble statue of Christian IV. Another fine square is the Eidsvolds Plads, planted with choice trees and carpeted with intensely bright greensward. The chief street is the Carl Johannes Gade, a broad boulevard extending from the railroad station to the King's Palace, half way between which stands the imposing structure of the University. Opposite this edifice is the Public Garden, where an out-door concert is given during the summer evenings by a military band. In a large wooden building behind the University is kept that great unrivalled curiosity, the Viking ship, a souvenir of more than nine hundred years ago. The blue clay of the district where it was exhumed in 1880, a few miles south from Christiania at Gokstad, has preserved it nearly intact. The men who built the graceful lines of this now crumbling vessel, "in some remote and dateless day," knew quite as much of the principles of marine architecture as do our modern shipwrights of to-day. This interesting relic, doubtless the oldest ship in the world, once served the Vikings, its masters, as a war-craft. It is eighty feet long by sixteen wide, and is about six feet deep from gunwale to keel. Seventy shields, spears, and other war equipments recovered with the hull show that it was designed for that number of fighting men. A curious thrill is felt by one while regarding these ancient weapons and armor, accompanied by a wish that they might speak and reveal their long-hidden story. In such vessels as this the dauntless Northmen made voyages to every country in Europe, and as is confidently believed they crossed the Atlantic, discovering North America centuries before the name of Columbus was known. Ignoring the halo of romance and chivalry which the poets have thrown about the valiant Vikings and their followers, one thing we are compelled to admit: they were superb marine architects. Ten centuries of progressive civilization have served to produce none better. Some of the arts and sciences may and do exhibit great progress

in excellence, but shipbuilding is not among them. We build bigger but not better vessels. This ancient galley of oak, in the beauty of its lines, its adaptability for speed, and its general sea-worthiness, cannot be surpassed by our best naval constructors to-day. An American naval officer who chanced to be present with the author, declared that there were points about this exhumed vessel which indicated retrogression rather than progress on the part of modern builders of sea-going craft. The bent timbers on the inside are of natural growth, the sheathing boards are an inch and a half in thickness, firmly riveted, the iron bolts clinched on either end. Near the gunwales the bolts are of oak. The planking slightly overlaps, being bevelled for the purpose; that is, the hull is what we technically call clinker-built, and would probably draw about four feet of water in a sea-going trim. The bow and stern are of the same pointed shape, and rise a considerable distance above the waist, giving the vessel what sailors term a deep sheer inboard.

The burial of this ship so many centuries ago was simply in accordance with the custom of those days. When any great sea-king perished, he was enclosed in the cabin of his galley, and either sunk in the ocean or buried with his vessel and all of its war-like appointments upon the nearest suitable spot of land. In this instance, as has been intimated, weapons of war were buried with the deceased, just as our Indian tribes of western America do to this day. Tombs dating much farther back than the period when this sepulchral ship was buried have been opened in both Norway and Sweden, showing that the dead were sometimes burned and sometimes buried in coffins. The cinerary urns were usually found to have been either of terra-cotta or of bronze, – seldom, however, of the latter material. In these tombs trinkets and weapons were also discovered, with the skeletons of horses and other domestic animals. To the period of these burials belong the earliest Runic inscriptions, differing materially from those which were in use a few centuries later. One may believe much or little of the extravagant stories handed down by tradition concerning these ancient Scandinavians, but certainly we have tangible evidence in these tombs that some of the legends are literally true. We are told that when a chieftain died in battle, not only were his war-horse, his gold and silver plate, and his money placed upon his funeral pyre, but that a guard of honor from among his followers slew themselves, that he might enter the sacred halls of Odin properly attended. The more elevated the chief the larger was the number who must sacrifice themselves as his escort to the land of bliss. So infinite was the reliance of the Heathen horde in their strange faith, that, far from considering their fate to be a hard one, they adopted its extremest requirements with songs of joy!

A general aspect of good order, thrift, industry, and prosperity prevails at Christiania. The simplicity of dress and the gentle manners, especially among the female portion of the community, were marked features. No stranger can fail to notice the low, sympathetic tones in which the women always speak; but though decorous and worthy, it must be admitted that the Norwegian ladies are not handsome. The people resort to the ramparts of the old castle as a promenade, with its grateful shade of lime-trees, and they also throng the pleasant Central Park near the Royal Palace. One sees here none of the rush and fever of living which so wearies the observer in many of the southern cities of Europe, – notably in Paris, London, and Vienna. The common people evince more solidity of character with less of the frivolities, and yet without any of the frosty chill of Puritanism. They may be said to be a trifle slow and phlegmatic, but by no means stupid. The most careless schoolboy when addressed by a stranger in the street instantly removes his hat, and so remains until he has fully responded to the inquiry made of him, showing thus the instinctive politeness which seems to permeate all classes in Norway.

The long-established Hotel Victoria is an interesting hostelry and museum combined, at least so far as ornithology is concerned. Its stuffed varieties of native birds disposed in natural positions here and there about the establishment, would prove the envy of any collector in this department of natural history. The house is built about a spacious court, which is partly occupied by a broad and lofty marquee or tent, under which the *table d'hôte* is served. Orange-trees and tropical plants are gracefully disposed, and creeping vines give a sylvan appearance to the court. The whole area is overlooked

by an open and spacious balcony, where a band of musicians during the season dispense enlivening music. Tame sparrows and other birds hop about one's feet during each meal, even alighting upon the chairs and tables to share tid-bits with the guests. The whole formed a consistent purpose well carried out, and was entirely unlike any hotel whose hospitality we have shared. There are three or four excellent public houses besides the Victoria, including the Grand Hotel and the Scandinavia, the last two quite centrally located. We made our temporary home at the Grand, a spacious and comfortable establishment.

There is an original institution of a charitable nature in the capital, called a Steam Kitchen, where food is cooked upon a large scale, and entirely by steam. This large establishment, situated on the Torv Gade, was built especially for the purpose of benefiting the industrious poor of the city. Here two or three thousand persons are daily provided with good wholesome dinners at a minimum charge, calculated to cover the actual cost. While hundreds of persons carry away food to their families, larger numbers dine at the neat tables provided in the establishment for that purpose. The inference drawn from a casual observation of the system was, that no possible benevolence of a practical character could be better conceived or more judiciously administered. It seemed to be the consummation of a great charity, robbed of all objectionable features. None appeared to feel humiliated in availing themselves of its advantages, since all the supposed cost of the provisions was charged and paid for.

Upon visiting a new city in any part of the world, the writer has learned more of its people, their national characteristics and all local matters worth knowing, by mingling with the throng, watching their every-day habits and conventionalities, observing and analyzing the stream of life pouring through its great thoroughfares, reading the expression upon human faces, and by regarding now and again chance domestic scenes, than from all the grand cathedrals, art galleries, show palaces, and guide-books combined. Years of travel fatigue one with the latter, but never with Nature in her varying moods, with the peculiarities of races, or with the manners and customs of every-day life as characterizing each new locality and country. The delight in natural objects grows by experience in every cultivated and receptive mind. The rugged architecture of lofty mountains, tumbling waterfalls, noble rivers, glowing sunsets, broad land and sea views, each has a special, never-tiring, and impressive individuality. While enjoying a bird's-eye view of Christiania from the height of Egeberg, a well-wooded hill four hundred feet in height in the southern suburb, it was difficult to believe one's self in Icelandic Scandinavia, – the precise latitude of the Shetland Islands. A drowsy hum like the drone of bees seemed to float up from the busy city below. The beautiful fjord with its graceful promontories, its picturesque and leafy isles, might be Lake Maggiore or Como, so placid and calm is its pale-blue surface. Turning the eyes inland, one sees clustered in lovely combination fields of ripening grain, gardens, lawns, cottages, and handsome villas, like a scene upon the sunny shores of the Mediterranean near the foot-hills of the Maritime Alps. An abundance of deciduous trees enliven the scene, – plane, sycamore, ash, and elm in luxuriant foliage. Warmer skies during the summer period are not to be found in Italy, nor elsewhere outside of Egypt. As we stood upon the height of Egeberg that delicious sunny afternoon, there hung over and about the Norwegian capital a soft golden haze such as lingers in August above the Venetian lagoons.

The houses in the vicinity of Christiania are generally surrounded by well-cultivated gardens embellished with choice fruit and ornamental trees. An unmistakable aspect of refinement was obvious about these homesteads, and one would fain have known somewhat of the residents of such attractive domiciles. The traveller who passes so few days in each new city, and those occupied mostly in observations of a different character, can hardly pretend to express an opinion of the resident social life and domestic associations; but we were credibly informed that there was no dearth of circles composed of intelligent, polished, and wealthy individuals in Bergen, Gottenburg, or Christiania. Evidences of the truth of this are certainly obvious to the most casual observer. Here, and afterwards still farther north, a tree new to us was found, called the Hägg (*Prunus Padus*), so abundantly clothed in snow-white blossoms as to entirely hide its leaves of green. It generally stood in the yards of

dwelling-houses as a floral ornament, and reminded one of a New England apple-tree in full bloom. The blossoms emitted very little decided perfume, but the luxuriant growth and the pure white flower were very beautiful. A dainty bit of color now and again, caused by the single-leafed dog-rose, recalled the inland roads of far-off Massachusetts, where mingled blackberry and raspberry bushes and wild roses so often line the quiet paths. The immediate environs of the capital are characterized by fine picturesque elevations, the land rising gradually on all sides until it becomes quite Alpine. The forest road leading towards Rynkan Falls was fragrant with the soft, soothing odor of pines and firs, mingled with that of blue, pink, and yellow flowers, blossoms whose local names only served to puzzle us, – "wee, modest, crimson-tipped flowers." The giant larkspur, lilies-of-the-valley, and some orchids were familiar, and greeted the senses like old friends. The juniper bushes were luxuriant, and there were plenty of bilberries and wild strawberries in bloom. These last berries when ripe, as we afterwards found them farther north, are a revelation to the palate, being quite small, but of exquisite flavor, recalling the tiny wood-strawberries of New England, which were of such exquisite flavor and dainty aroma before we cultivated them into monstrosities. The summer is so short here as to give the fruits and flowers barely time to blossom, ripen, and fade, or the husbandman a chance to gather his harvest. Vegetation is wonderfully rapid in its growth, the sunshine being so nearly constant during the ten weeks which intervene between seed-time and harvest. Barley grows here two and a half inches and peas three inches in twenty-four hours, for several consecutive days. It is an interesting fact that if the barley-seed be brought from a warmer climate it requires to become acclimated, and does not yield a good crop until after two or three seasons. The flowers of the torrid and temperate zones as a rule close their eye-lids like human beings, and sleep a third or half of the twenty-four hours; but in Arctic regions life to these lovely children of Nature is one long sunny period, and sleep comes only with death and decay. It was also observed that the flowers here assume more vivid colors and emit more fragrance during their brief lives than in the south. The long delightful period of twilight during the summer season is seen here in all its perfection, full of suggestiveness and roseate loveliness, which no pen can satisfactorily describe. There is no dew to be encountered and avoided, no dampness. All is crystal clearness and transparency, "gilding pale streams with heavenly alchemy."

Nothing can be pleasanter or more exhilarating than driving over the Norwegian roads among the dark pine forests or by the side of dashing torrents and swift-gliding, seething rivers. The roads are kept in perfect condition upon all of the regular post-routes, and one rolls over them in the native carriage nearly as smoothly as though navigating a lake in a well-manned boat. The little horses, almost universally of a dun-color and having their manes cropped short, are wiry and full of life and courage, dashing down the hills at a seemingly reckless pace, which carries the vehicle half way up the next rising ground by the mere impetus of the descent. It was particularly gratifying to observe the physical condition of the horses both inland and in the streets of Christiania, all being in good flesh. Not a lame or poor animal was to be found among them, either in hack, dray, or country-produce cart. They are mostly pony-shaped, rather short in the legs, few standing over fourteen hands, and generally even less; but yet they are strong, tough, and round in form. It was pleasing to observe the drivers, who seemed also to be the owners, of these animals. When they came from the house or establishment where their business called them, they would often take some appetizing trifle from their pockets, – a small apple, a lump of sugar, or bit of bread, – and tender it to the waiting horse, who was evidently on the look-out for such a favor. The good fellowship established between the animal and his master was complete, and both worked the more effectively together. No observant person can fail to see what docility and intelligence kindness to any domestic animal is sure to elicit, while brutality and harshness induce only reluctant and inefficient service. If the whip is used at all upon these faithful animals it must be very uncommon, since a watchfulness in regard to the matter did not discover a single instance. When a driver has occasion to stop before a house and leave his horse, he takes one turn of the rein about the animal's near fore-foot and secures the long end loosely to the shaft. Custom has taught the horses that this process ties them to the spot, and they do not attempt to move away

under any circumstances. Insects during the brief but intense heat of summer are very troublesome to animals exposed to their bite, and so the Norwegian horses are all wisely permitted to wear long tails as a partial defence against flies and gnats. The price at which they are valued is very moderate. A nicely-matched pair, quite sound, young, and well broken for pleasure driving, can be purchased for three hundred dollars or less.

Between Christiania and Stockholm the railroad follows almost a straight line due east across southern Norway and Sweden through a country dotted over with little hamlets of a dozen houses more or less, occupied by thrifty farmers. The people are of a social, kindly disposition, but to be known among them as an American insures instant service, together with unlimited hospitality. Nearly every family has one or more representatives living in the United States, and the very name of America is regarded by them with tenderness. A large percentage of the young people look forward to the time when they shall eventually make it their permanent home. Emigration is neither promoted nor discouraged by the Government. Norway seems generally to be more fertile than Sweden. True, she has her numerous mountains, but between them are far-reaching and beautiful valleys, while the sister country with less elevations has a soil of rather a sandy nature, much less productive. But intelligent farming overcomes heavy drawbacks; and there are large tracts of land in Sweden that are rendered quite remunerative through the adoption of modern methods of cultivation. Immediately about the railroad stations on all the Scandinavian railroads there are fine gardens, often ornamented with fountains, bird-houses, blooming flowers, and miniature cascades. Some of the combinations of floral colors into graceful figures showed the hand of experienced gardeners. Most of these station-houses, all of which are constructed of wood, are extremely picturesque, built in chalet style, rather over-ornamented by fancy carvings and high colors, yet well adapted in the main for their special purpose. The Government owns and operates three quarters of all the railroads in either country, and will doubtless ere long, as we were assured, control the entire system.

In the rural districts women are very generally employed upon out-of-door work, as they are in Germany and Italy, and there is quite a preponderance of the sex in both Norway and Sweden. It was the haying and harvesting season when the author passed over the principal routes, and the fields showed four times as many women as men engaged in mowing, reaping, loading heavy carts, and getting in the harvest generally. What would our New England farmers think to see a woman swing a scythe all day in the haying season, cutting as broad and true a swath as a man can do, and apparently with as little fatigue! Labor is very poorly paid; forty cents per day is considered liberal wages for a man except in the cities, where a small increase is realized upon this amount. The houses all through Norway outside of the towns are built of logs, well-matched and smoothly finished, laid horizontally one upon another, like our frontier cabins in the far West. Each farm, besides the home acres, has also connected with it what is termed a "sæter," being a tract of mountain pasture, where a portion of the young members of the family (usually the girls only) pass the nine or ten weeks of summer engaged in cheese-making, the cattle being kept on the hills for that period. Here a very rude hut with but two apartments serves for the girls, and a rough shed for the cattle at night. The outer apartment of the hut contains a stove, a table, and a coarse bed, forming the living-room, while the inner one is improved for the dairy. The available soil about the home farm in the valley must raise hay and grain for the long winter's use. After being milked in the morning, at the sæter, the cows, goats, and sheep go directly to their allotted feeding ground, perhaps more than a mile away, and at the evening hour they by themselves as surely return to be milked. The only inducement for such regularity on the part of the intelligent creatures, so far as we could understand, was a few handfuls of salt which was given them nightly, and of which they seemed to be very fond. Great exertion is made by the girls in the mountains to excel one another as to the aggregate production of cheese for the season, much pride being felt also in the quality of the article. The sturdy figures and healthy blooming faces of these girls, "with cheeks like apples which the sun has ruddied," showed what physical charms the bracing mountain air and a simple manner of life in these regions is capable of producing.

Norway has been appropriately called the country of mountains and fjords, of cascades and lakes. Among the largest of the latter is Lake Mjösen, which is about sixty miles long and has an average width of twelve. It is certainly a very remarkable body of water. It receives into its bosom one important river, the Lougen, after it has run a course of nearly a hundred and fifty miles. At its southern extremity is the port of Eidsvold, and at the northern is Lillehammer. These are situated in the direct route between Christiania and Tröndhjem. But the most singular fact attached to the lake is that it measures over fifteen hundred feet in depth, while its surface is four hundred feet above the level of the ocean. Its bottom is known to be nearly a thousand feet below that of the North Sea, which would seem to show that it must be the mouth of some long-extinct volcano. Neither glacial action nor any other physical agent known to us can have dug an abrupt hole eight or ten hundred feet deep; and yet there are also some dry valleys in Norway whose bottoms are considerably below that of the sea. The river Mesna tumbles boisterously into the lake close to Lillehammer. A walk beside its thickly-wooded banks brings to view many beautiful cascades and waterfalls, some of which are worthier of a visit than many of the more famous falls of Scandinavia. On all the important inland routes not furnished with railroad or steamboat transit Government supports a system of postal service, whereby one can easily travel in almost any desired direction. On such excursions the keen air and free exercise are apt to endow the traveller with an excellent appetite, which Norwegian fare is not quite calculated to assuage. However, the milk is almost always good, and eggs are generally to be had. Even hard black bread will yield to a hammer, after which it can be soaked in milk and thus rendered eatable. One does not come hither in search of delicate and appetizing food, but rather to stand face to face with Nature in her wildest and most rugged moods. The pleasures of the table are better sought in the big capitals of southern Europe or America, where "rich food and heavy groans go together."

As to the fauna of Norway, the reindeer, the bear, the wolf, the fox, and the lynx about complete the list of indigenous animals. The ubiquitous crow abounds; and fine specimens of the golden eagle, that dignified monarch of the upper regions, may occasionally be seen sailing through the air from cliff to cliff, across the fjords and valleys. At certain seasons of the year this bird proves destructive to domestic fowls and young lambs. But we escaped in Norway the almost inevitable legend of a young child having been carried off by an eagle to its nearly inaccessible nest; that story is still monopolized by Switzerland. For some reason not quite understood by the author, the mischievous magpie is here held as half sacred. That is to say, the country people have a superstition that any injury inflicted upon these birds entails misfortune upon him who causes it; and yet the Government offers a premium for their destruction. Magpies appear to be as much of a nuisance in Norway as crows are in India or Ceylon, and to be quite as unmolested by the people generally. What are called the wild birds of Scandinavia are in fact remarkably tame, and they embrace a large variety. As the traveller proceeds through the country, he will observe sheaves of unthrashed grain elevated upon poles beside the farm-houses and barns, which are designed to furnish the feathered visitors with food. These sheaves are regularly renewed all through the winter season; otherwise the birds would starve. The confiding little creatures know their friends, and often enter the houses for protection from the severity of the weather. Neither man, woman, nor child would think of disturbing them, for they are considered as bringing good luck to the premises which they visit. The bounty paid for the destruction of bears and wolves in 1885 showed that nearly two hundred of each species of these animals were killed by the hunters. Bears are believed to be gradually decreasing, but wolves are still very numerous in the northerly regions and the thickly-wooded middle districts. In extreme seasons, when pressed by hunger, they prove destructive to the reindeer herds of the Lapps in spite of every ordinary precaution, and even in the summer season farmers never leave their sheep unguarded when they are pastured away from the homestead.

In journeying from the capital to Tröndhjem (where the steamer is taken for the North Cape) by the way of Lillehammer, one crosses the Dovrefjeld, or mountain plateau; but a more popular route is by rail from city to city. This fjeld lies a little above the sixty-second parallel of latitude, and is about

one third of the distance from the southern to the northern extreme of the country, which reaches from the fifty-eighth to the seventy-first parallel. The famous elevation called the Sneehaettan – "Snow Hat" – forms a part of this Alpine range, and is one of the loftiest in Norway, falling little short of eight thousand feet in altitude. To be exact, it ranks sixth among the Scandinavian mountains. It should be remembered that one eighth of the country lies within the region of perpetual snow, and that these lofty and nearly inaccessible heights are robed in a constant garb of bridal whiteness. No other part of Europe or any inhabited portion of the globe has such enormous glaciers or snowfields, unless possibly some portions of Alaska. Here in Norway are glaciers which cover from four to five hundred square miles, descending from plateaus three and four thousand feet in height down to very near sea-level, as in the instance of the mammoth Svartisen glacier, which is visited by all travellers to the North Cape. Arctic and Alpine flowers abound in the region of the Dovrefjeld, – and glacial flowers are abundant, though not so much so as in the more frequently visited snow regions of Switzerland. As the ice and snow recede in the early summer, the plants spring up with magic promptness, so that within a few yards the same species are seen in successive stages of growth, spring and summer flowers blooming side by side in rather forced companionship. The blue gentians are extremely lovely, and are among the first to appear after the mantle of snow is lifted from the awaking earth. The most remarkable and abundant of the spring flowers however is the *linnaea borealis*, thus appropriately named after the great Swedish botanist and naturalist. It is a long, low-creeping plant bearing a pink blossom, and is in full bloom early in July, luxuriating all over the Scandinavian peninsula. Harebells nodding upon their delicate stems, primroses, snowdrops, and small blue pansies are also common. In the southern districts roses of various species thrive in glorious profusion in the open air annually during the short genial period, and also as domestic favorites during the long night of winter, adorning and perfuming the living-rooms of the people of every class in town and country.

Though the highest point in Norway or Sweden is only about eighty-five hundred feet above sea-level, an elevation which is reached only by the Jotunfjeld, or Giant Mountain, still no highlands in Europe surpass those of Scandinavia in terrific and savage grandeur, "rocked-ribbed and ancient as the sun." Mont Blanc is fully one third higher than this Giant Mountain, but being less abrupt is hardly so striking and effective in aspect. The grand elevations of Norway are intersected by deep dark gorges and fearful chasms, roaring with impetuous torrents and enormous waterfalls, and affording an abundance of such scenes as would have inspired the pencil of Salvator Rosa. The mountain system here does not form a continuous range, but consists of a succession of plateaus like the Dovrefjeld, and of detached mountains rising from elevated bases. The length of this series of peculiar elevations – mountains and plateaus – is that of the entire peninsula, from the North Cape to Christiansand on the Skager Rack, some twelve hundred miles, having an average width of about two hundred miles, – which gives to the mountains of Norway and Sweden an area larger than the Alps, the Apennines, and the Pyrenees combined, while the lakes, waterfalls, and cascades far surpass those of the rest of Europe. There is no other country where so large a portion is covered with august mountains as in Norway. It includes an area of about one hundred and twenty-three thousand square miles; and it has been said by those most familiar with its topography, that could it be flattened out it would make as large a division of the earth as would any of the four principal continents. The ratio of arable land to the entire area of Norway is not more than one to ten, and were it not that the support of the people at large comes mainly from the sea, the country could not sustain one quarter of even its present sparse population. Undismayed by the preponderance of rocks, cliffs, and chasms, the people utilize every available rod of land. Here and there are seen wire ropes extending from the low lands to the mountain sides, the upper ends of which are lost to sight, and which are used for sliding down bundles of compressed hay after it has been cut, made, and packed in places whither only men accustomed to scale precipices could possibly climb. The aspect of such regions is severe and desolate in the extreme, even when viewed beneath the cheering smiles of a summer sun. What then must be their appearance during the long, trying winter of these hyperborean regions? In snug

corners, sheltered by friendly rocks and cliffs from the prevailing winds, are seen little clusters of cabins inhabited by a few lowly people who live in seeming content, and who rear families amid almost incredible deprivations and climatic disadvantages, causing one to wonder at their hardihood and endurance. It is not uncommon to see along the west coast of Norway, among the islands and upon the main-land, farm-houses surrounded by a few low buildings of the rudest character, perched among rocks away up on some lofty green terrace, so high indeed as to make them seem scarcely larger than an eagle's nest. To anybody but a mountaineer these spots are positively inaccessible, and every article of subsistence, except what is raised upon the few acres of available earth surrounding the house, must be carried up thither upon men's backs, for not even a mule could climb to these regions. A few goats and sheep must constitute the entire animal stock which such a spot can boast, with perhaps a few domestic fowls. These dwellings have been constructed of logs cut in some of the sheltered gulches near at hand and drawn to the spot with infinite labor, one by one. It would seem that such persistent and energetic industry applied in more inviting neighborhoods would have insured better results. What must life be passed in such an isolated, exposed place, in a climate where the ground is covered with snow for nine months of each year! Some few of these eyries have bridle-paths leading up to them which are barely passable; and yet such are thought by the occupants to be especially favored.

CHAPTER V

Ancient Capital of Norway. – Routes of Travel. – Rain! – Peasant Costumes. – Commerce of Bergen. – Shark's vs. Cod Liver Oil. – Ship-Building. – Public Edifices. – Quaint Shops. – Borgund Church. – Leprosy in Norway. – Sporting Country. – Inland Experiences. – Hay-Making. – Pine-Forest Experiences. – National Constitution. – People's Schools. – Girls' Industrial School. – Celebrated Citizens of Bergen. – Two Grand Norwegian Fjords. – Remarkable Glaciers

Bergen is situated some two hundred miles northwest of Christiania, and may be reached from thence by a carriage journey across the country over excellent roads, or by steamboat doubling the Naze. The latter route, though three times as far, is often adopted by travellers as being less expensive and troublesome. Still another and perhaps the most common route taken by tourists is that by way of Lake Mjösen, Gjöveg, the Fillefjeld and Laerdalsören, on the Sognefjord. This is called the Valdres route, and affords by far the greatest variety of scenery. It involves railroad, steamer, and carriage modes of conveyance, and in all covers a distance of at least three hundred and fifty miles. It will be remembered that Bergen was the capital of Norway when it was under Danish rule, and was long afterwards the commercial rival of Christiania. Indeed, its shipping interests we were informed still exceed those of the capital, the verity of which statement one is inclined to question. The period of its greatest prosperity was in the Middle Ages and during the century when the great Hanseatic League flourished, at which time there was a numerous German colony resident here. The town appears very ancient, and naturally so, as it dates back to the eleventh century. Many of the dwellings are quaint with sharp-peaked roofs and gable-ends toward the streets. The boats which ply in the harbor and throng the wharves differ but little from the style of those used by the Norse pirates a thousand years ago, and who congregated in force about these very shores. The oldest part of the city lies on the eastern side of the harbor where the fortress of Bergenhuus and the double-towered Maria Kirke are situated. The inhabitants are not amphibious, but they certainly ought to be, since it rains here five days out of every seven. Some one has aptly called it the fatherland of drizzle, "where the hooded clouds, like friars, tell their beads in drops of rain." The first and foremost business of the place, therefore, is dealing in umbrellas and water-proof clothing. We did not observe any special crest as indicating the corporate arms of the city, but if such a design exists, it should be surmounted by a full-length figure of Jupiter Pluvius. We were assured that the rain-fall here averages six feet annually. There is a tradition of sunny days having occurred in Bergen, but much patience and long waiting are necessary to verify it. Still there is plenty of life and business activity in the broad clean streets, and more especially in and about the wharves and shipping.

One sees here more of the traditional Norwegian costumes than are to be met with either at Gottenburg or Christiania. Some of the old men who came from the inland villages were particularly noticeable, forming vivid and artistic groups, with their long snowy hair flowing freely about face and neck in the most patriarchal fashion. They wore red-worsted caps, open shirt-collars, knee-breeches, and jackets and vests decked with a profusion of silver buttons, like a Basque postilion. The women wear black jackets, bright-red bodices and scarlet petticoats, with white linen aprons. On the street called the Strandgade many Norse costumes mingle together like colors in a kaleidoscope. Our guide pointed out one group, which was perhaps more strongly individualized than the rest, as coming from the Tellemark district. Various nationalities were also represented, not forgetting the despised and much persecuted Jews, who are nearly as unpopular in Scandinavia as they are in Germany and Russia. The Strandgade is the longest thoroughfare in the city, and runs parallel with the harbor. By

turning to the left after reaching the custom-house and passing up the rising ground, one reaches the Observatory, from whence a fine view of Bergen and its environs is obtained. The dusky red-tiled roofs crowded together, the square wooden towers of the churches mingled with the public gardens dressed in warmest verdure, form altogether a quaint and impressive picture. The town rises from the bay nearly in the form of a crescent, nestling at the feet of the surrounding hills on the west coast of Norway, between those two broad and famous arms of the sea, the Sognefjord and the Hardangerfjord. The first named indents the coast to a distance of one hundred and six miles, the latter seventy miles, – the first being north, and the last south of Bergen. The excellent situation of the harbor and its direct steam communication with European ports give this ancient city an extensive commerce in proportion to the number of inhabitants, who do not aggregate more than forty thousand. A large portion of the town is built upon a promontory, and between it and the main-land on its north side is the harbor, which is rarely frozen over owing to the influence of the Gulf Stream, while the harbor of St. Petersburg, in about the same latitude, is annually closed by ice for at least three months.

The staple commodity of Bergen is dried fish, mostly cod, supplemented by large quantities of cod-liver oil, lumber, and wood for fuel. It may not be generally known that a considerable portion of what is denominated cod-liver oil is produced from sharks' livers, which in fact are believed to be characterized by the same medicinal qualities as are those of the cod. At any rate, with this object sharks are sought for along the upper coast of Norway in the region of the Lofodens, and their livers are employed as described. An average-sized shark, we were told, will yield thirty gallons of good merchantable oil, but the article could not obtain a market except under the popular name of cod-liver oil. Catching the sharks is not an employment entirely devoid of danger, as they are often found to be large and very powerful, measuring from twenty-five to thirty feet in length. The shark like the whale, when it is struck with the harpoon, must at first be given plenty of line or it will drag down the boat in its rapid descent to deep water. Sometimes the struggle to capture the fish is a long and serious one, as it must thoroughly exhaust itself before it will yield. When finally drawn to the side of the boat, a heavy well-directed blow upon the nose completely stuns the creature, and the capture is then complete. The diminution in the number of sharks upon the coast has led to a large natural increase in the number of herring, the catching of which forms a special and profitable branch of Norwegian industry.

It is here at Bergen that the cargoes of fish caught on the coast at the far North and within the Arctic Circle are packed and reshipped to European ports. Lobsters are trapped in immense quantities just off the coast, whence the London market is mostly supplied. We were told that over two millions of this product were annually exported to Great Britain. They are shipped alive to England, where owing to some attributed excellence they are specially favored above those coming from any other locality. The Fish Market is the great business centre of Bergen, situated at the end of the Torv, at a small pier called Triangelen. The fish intended for local domestic use are kept alive in large tubs of water near the shore, and when desired by the purchaser are scooped out with a net, killed by a sharp blow upon the head, and sold by weight, the price being ridiculously low. Owing to its topographical character and location, Bergen will never become a railroad centre; its principal trade will remain in connection with the sea alone. Ship-building is carried on here to a considerable extent. We saw one iron steamer which was constructed and equipped in this harbor; and a finely finished craft she was, of over a thousand tons burden. There are some fine public squares, a People's Park, wherein a military band plays twice a week, half-a-dozen churches, a commodious Theatre, a Royal Palace, a Musical Institute, a Public Library, and a Museum; but there is scarcely a trace of architectural beauty in all Norway with the exception of the cathedral at Tröndhjem, which is formed of a mixture of orders, the Norman predominating. The Church of St. Mary is only interesting for its antiquity, dating as it does from the twelfth century. Its curious and grotesque façade bears the date of 1118.

A glance at the map will show the reader that Norway is broadest where a line drawn eastward from Bergen would divide it, giving a width of a little over two hundred and eighty miles, while the

length of her territory is four times as great. The Gottenburg liquor-system, as it is called, has long been adopted in this city, and seems to operate as advantageously here as in the place of its origin. Nevertheless, the people are what we call in America hard drinkers, though little absolute drunkenness was observable. The quaint little shops of the town, which are slightly raised above the level of the street, have another and rather inferior class of stores under them, accessible by descending steps from the thoroughfare. This division of trade, by arranging a series of basement stores, is so common here as to form a feature of the town; and the same is observable in Copenhagen, where many jewelry, art, and choice retail stores are located in the basement of the houses, with an establishment devoted to some other line of trade above them. The shops in Bergen are well filled with odd antique articles, mostly of domestic use, such as old plate, drinking-cups, spoons, and silver goblets bearing the marks of age and the date of two or three centuries past. A little experience is apt to create considerable doubt in the minds of inquiring travellers as to the genuineness of these articles, which, like those found in the odd curio shops of Japan, are very largely manufactured to order in this blessed year of our Lord, however they may be dated.

The native jewelry is curious and some of it quite pretty, not for personal wear, but as a souvenir. Evidences of thrift and prosperity impress the stranger on every side, while extremes in the social condition of the people do not appear to exist. They are neither very rich nor very poor. There are no mendicants or idlers to be seen; all persons appear to have some legitimate occupation. One looks about in vain for any sign of the thirty-two churches and half-score of convents which history tells us once made of the place a noted religious centre and a Mecca for devotional pilgrims. The Cathedral of St. Olaf is venerable, dating from 1248; but except its antiquity it presents nothing of special interest to the stranger. There are numerous handsome villas in the immediate environs, where some very creditable landscape gardening is to be seen, while the surrounding fields are clothed in emerald vegetation. Some new villas were observed in course of erection, but as we continued our stroll the sterile and rocky hills which form the background to the picture of Bergen were soon reached. A favorite walk in the suburbs is to the Svartediket, a lake which supplies the city with water, pure and excellent. At Tjosanger, not far away, is one of the ancient wooden churches of the country, almost identical with the more noted one at Borgund. This queer old structure at the last named place now belongs to the Antiquarian Society of Christiania, and is very curious with its numerous gables, shingle-covered roofs, and walls surmounted with dragons' heads. It is strangely sombre, with its dark and windowless interior, but is the best preserved church of its kind in all Norway, dating as it does from the twelfth century. But we were speaking of the immediate environs of Bergen. About a mile outside of the city there is a leper hospital, devoted solely to the unfortunate victims of this terrible disease. Notwithstanding the persistent and scientific effort which has been made by the Government, still it seems extremely difficult to eradicate this dreaded pest from the country. The too free use of fish as a food is thought by many to be a promoting cause of leprosy. Those who are affected by it are not permitted to marry if the disease has once declared itself; so that as a hereditary affliction it is very properly kept in check. There are three hospitals set aside in the country for the exclusive treatment of those thus afflicted; one is at Molde, one at Trondhjem, and the other we have mentioned at Bergen. Physicians say that the disease is slowly decreasing in the number of its victims, and the patients now domiciled in the three districts amount to but fifteen hundred, equally divided among them. One mitigating feature of this loathsome affliction is the fact that it is not considered to be contagious; but those who inherit it can never escape its fatality.

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