

An artistic illustration of the HMS Beagle, a three-masted sailing ship, navigating through a turbulent, dark blue sea with white-capped waves. The ship's sails are a weathered, yellowish-brown color, and its hull is dark wood. A small flag flies from the top of the mainmast. In the background, dark, jagged mountains rise from the water's edge. Several seagulls are depicted in flight against a pale, overcast sky. The overall mood is one of a perilous and historic voyage.

DARWIN'S VOYAGE

The Journey That Shaped Evolution

In the early 19th century, a young and curious naturalist embarked on a journey that would change the course of science and our understanding of life on Earth. His name was Charles Darwin, and his voyage aboard HMS Beagle soon became one of the most famous scientific expeditions in history. The insights he gained during this trip eventually formed the foundation of his groundbreaking work, *On the Origin of Species*. This e-book will take you through the highlights of Darwin's journey and reveal how his experiences on the Beagle shaped his theories of evolution and natural selection.

HMS Beagle was a small brig under the command of Captain Robert FitzRoy. The voyage was initially planned as a surveying mission to map the coastline of South America and update outdated nautical charts. Darwin's role aboard the Beagle was not as a professional scientist, but as a companion to FitzRoy and as an unpaid naturalist. Though the primary goal of the expedition was cartographic, it quickly became a journey of scientific discovery for Darwin, who eagerly collected specimens, studied diverse ecosystems, and observed new species along the way.

On December 27, 1831, HMS Beagle departed from Plymouth, England, beginning a five-year voyage that would take Darwin across vast oceans, from the tropical forests of Brazil to the arid plains of Argentina, and the remote islands of the Galápagos Archipelago.

One of the first major stops on the Beagle's journey was South America. From the dense rainforests of Brazil to the rugged terrain of Patagonia, Darwin was astounded by the region's biodiversity. In Brazil, the sight of the rainforests moved Darwin to awe and wonder. The vast variety of life forms, from insects and birds to plants and mammals, left a lasting impression on him. He noted how species seemed to adapt perfectly to their environment, a concept that would later fuel his theory of natural selection.

Patagonia, with its stark and barren landscapes, provided Darwin with the opportunity to study fossils. The discovery of large, extinct mammals such as the Megatherium (giant ground sloth) led him to ponder the relationship between living species and their extinct ancestors. These fossils suggested to Darwin that species were not immutable, and that life on Earth had changed significantly over time.

The Beagle also explored the waters of Tierra del Fuego at the southern tip of South America. Here, Darwin encountered indigenous peoples whose lifestyles seemed entirely different from those of Europeans. He noted the differences in cultures and how they might have evolved in response to their environment, providing early hints at the idea that humans, too, were subject to the forces of natural selection.

In 1835, the Beagle reached the Galápagos Islands, a remote archipelago off the coast of Ecuador. This stop would prove to be one of the most important of the entire voyage. Darwin was struck by the unique flora and fauna on the islands. He noticed that each island hosted its own variations of certain species, such as the famous Galápagos finches. The finches varied in the shape and size of their beaks, seemingly adapted to different types of food sources on each island.

The differences among these finches were subtle, but they planted a seed in Darwin's mind. He began to hypothesize that species could change over time and that those changes were driven by adaptation to specific environmental conditions. This was the first inkling of his theory of evolution by natural selection, a revolutionary idea that would take years to fully develop but was rooted in his observations of these unassuming birds.

After leaving South America and the Galápagos, the Beagle continued across the Pacific Ocean, stopping in places like Tahiti, New Zealand, and Australia. In Australia, Darwin encountered marsupials, such as kangaroos, which were unlike any animals he had seen elsewhere. He marveled at the strange and unique wildlife of the continent and wondered how these species had developed in such isolation.

This observation added another piece to the puzzle. Darwin realized that species in different geographic regions had evolved separately, adapting to the particular demands of their environments. This understanding reinforced his emerging theory that species were not fixed, but instead dynamic, changing over time in response to their surroundings.

After five years at sea, the Beagle returned to England in 1836, and Darwin began the long process of analyzing the wealth of data and specimens he had collected during the voyage. His experiences during the journey fundamentally shaped his thinking about the natural world. Over the next two decades, Darwin continued to refine his ideas, culminating in the publication of *On the Origin of Species* in 1859.

Darwin's theory of evolution by natural selection, which was born out of his observations during the Beagle's voyage, revolutionized biology. The idea that species were not created in their present form, but instead evolved over time through the survival of the fittest, challenged established views of the natural world and human origins. Darwin's work laid the foundation for modern evolutionary biology and influenced countless other fields of study, from genetics to ecology.

The primary purpose of the voyage of HMS Beagle was to conduct a detailed survey of the coastlines of South America. The British Admiralty commissioned the voyage as part of its effort to improve nautical charts and gather important geographical data, particularly for safe navigation of British naval and merchant ships.

The Beagle's mission involved charting harbors, coastlines, and other maritime features to update outdated maps. Captain Robert FitzRoy, who commanded the Beagle, was tasked with leading this important mission. However, FitzRoy also believed that having a skilled naturalist on board would add value to the journey, providing insights into the geology, flora, and fauna of the regions they visited. Charles Darwin, a young naturalist fresh out of university, was invited on the voyage primarily to serve as FitzRoy's companion and to contribute scientific observations.

Although the expedition's official purpose was charting coastlines, Darwin's role transformed it into a journey of scientific discovery. As Darwin traveled through diverse ecosystems and encountered a variety of species, he began to develop ideas that would later form the basis of his theory of evolution by natural selection. In this way, the purpose of the voyage shifted from purely navigational to one of groundbreaking scientific inquiry, making the journey one of the most significant in the history of science.

The phrase "The Crucible of Discovery" aptly describes Charles Darwin's transformative experiences in South America during the voyage of the Beagle. It was in this diverse and vibrant continent that Darwin's ideas about natural history began to take shape, setting the stage for his later revolutionary theories. South America's varied ecosystems—from the lush rainforests of Brazil to the arid deserts of Argentina—provided Darwin with a living laboratory, teeming with biodiversity.

One of Darwin's most impactful stops was in the Brazilian rainforests. These jungles, dense with an astonishing variety of plants, animals, and insects, left a deep impression on the young naturalist. For Darwin, the rainforests were almost otherworldly in their richness and complexity. Here, he began to understand how species were perfectly adapted to their environments, a theme that would become central to his later work on evolution.

Patagonia and the Pampas of Argentina, with their stark and barren landscapes, offered a different but equally valuable setting for Darwin's observations. It was in these regions that Darwin unearthed fossils of extinct mammals like the giant ground sloth, *Megatherium*. These fossilized remains hinted at a deep history of life on Earth and suggested that the species alive in the present were somehow connected to those that had vanished. This was a crucial insight for Darwin, as it raised questions about extinction, adaptation, and the relationship between living organisms and their ancient ancestors.

Tierra del Fuego, the southernmost point of South America, presented Darwin with yet another facet of the natural world. Here, Darwin encountered indigenous people living in conditions vastly different from those of Europe. He noted how their culture, behavior, and survival strategies were shaped by the harsh, isolated environment. These encounters stirred thoughts in Darwin's mind about how humans, too, were influenced by their surroundings—a concept that would later feed into his broader ideas about the evolution of species.

As the Beagle journeyed along South America's coastline and interior, Darwin's observations of the region's vast ecological and geological diversity became a crucible—a place of intense thought, reflection, and scientific inquiry. South America provided Darwin with not only a wealth of specimens to study but also the inspiration to think about life on Earth in new ways. The fossils, the species, and the people he encountered in this region were the raw materials that he would later refine into his theories of natural selection and evolution.

The Galápagos Islands, a remote volcanic archipelago located off the coast of Ecuador, became the most pivotal stop on the Beagle's voyage. For Charles Darwin, this unique cluster of islands served as a "living laboratory," where the principles of evolution would begin to crystallize in his mind. The Galápagos, with their isolated ecosystems and distinct species, offered Darwin the perfect environment to observe nature's work in real-time.

Arriving in the Galápagos in September 1835, Darwin was struck by the islands' stark landscapes and the diversity of life they supported, despite their relative isolation. The islands were home to species that were similar to those found on the mainland of South America but had developed distinct differences. This was particularly true of the archipelago's famous finches and giant tortoises, both of which varied noticeably from island to island.

The Galápagos Finches

The Galápagos finches were one of the most significant groups of species Darwin studied. While they appeared similar at first glance, Darwin observed that the finches' beaks varied depending on the island they inhabited. Some had large, strong beaks suited for cracking nuts, while others had thin, sharp beaks designed for catching insects. Darwin realized that these finches were all closely related, but their beak shapes had adapted to the specific food sources available on each island.

This observation led Darwin to question the idea of fixed species. He began to hypothesize that these birds had all descended from a common ancestor but had diversified over time as they adapted to different ecological niches on each island. This process of adaptation to local conditions was a crucial insight, one that would later underpin his theory of evolution by natural selection.

The Giant Tortoises

The Galápagos giant tortoises also caught Darwin's attention. Like the finches, the tortoises varied from island to island, particularly in the shape of their shells.

On some islands, tortoises had domed shells, while on others, they had saddleback shells with a high arch. This variation, Darwin noted, seemed to correspond to the tortoises' habitats and the availability of food. Those with saddleback shells were able to stretch their necks higher to reach vegetation, an advantage in regions where food was sparse.

Darwin was fascinated by how these subtle differences in physical traits could be linked to environmental pressures. He began to suspect that species were not fixed and unchanging, but rather evolved over time through adaptation to their surroundings. This idea was revolutionary and marked a major departure from the prevailing belief in the immutability of species.

The Concept of Isolation

One of the most striking aspects of the Galápagos Islands was their isolation from the mainland and from one another. This isolation created conditions where species could evolve independently. Darwin realized that the physical separation of the islands had allowed species to diverge and adapt to their specific environments, free from the competition and predation pressures that might have existed elsewhere.

This concept of geographic isolation became a cornerstone of Darwin's thinking about how new species form. He theorized that when populations of a species are isolated from each other, they begin to accumulate differences over generations. Over time, these differences can become so pronounced that the isolated populations become distinct species.

A Laboratory of Evolution

The Galápagos Islands provided Darwin with a microcosm of nature's processes, where he could see evolution in action. The islands' isolation, combined with their diverse environments, made them an ideal setting for observing the gradual changes that occur in species over time. Darwin's time in the Galápagos challenged his previous views on the stability of species and set him on the path to formulating his theory of evolution by natural selection.

In this "living laboratory," Darwin saw nature conducting its own experiments. Species were constantly adapting to their environments, driven by the need to survive and reproduce. The Galápagos finches and tortoises were prime examples of how small, accumulated changes over generations could lead to the development of new species. These observations solidified Darwin's belief that species were not created in their present form but were the result of a long, dynamic process of adaptation and change.

After leaving South America and the Galápagos Islands, the HMS Beagle continued its journey westward, reaching the islands of the South Pacific and the vast, isolated continent of Australia. For Charles Darwin, these regions offered new opportunities to study species that were completely different from those he had encountered elsewhere in the world. The distinctive flora and fauna of Australia, in particular, deeply fascinated Darwin, further reinforcing his emerging ideas about evolution and the adaptability of species.

Australia was unlike any place Darwin had visited. Its isolation from other continents had allowed it to develop a distinctive and unique ecosystem, characterized by an abundance of marsupials—animals that carry and nurse their young in pouches. Darwin was captivated by species like the kangaroo, the platypus, and the emu, which were so different from the mammals he had seen in South America or Europe.

The kangaroo, in particular, fascinated Darwin. He observed how this species was perfectly adapted to the open plains of Australia, using its powerful hind legs and large tail to bound across the landscape. The kangaroo's reproductive strategy, involving a pouch for carrying its underdeveloped young, was strikingly different from that of placental mammals, further emphasizing the idea that animals had evolved in response to their environments in unique ways.

Darwin also took note of the platypus, a strange, semi-aquatic mammal that laid eggs but still nursed its young. The platypus seemed to blur the lines between different classes of animals, combining features of reptiles, birds, and mammals. Darwin saw this as further evidence that species were not static, but instead represented different points on a continuum of evolutionary change.

The unique wildlife of Australia made a strong impression on Darwin. He began to see the continent as a place where species had evolved in isolation, adapting to the specific demands of the Australian environment. The differences between Australian animals and those from other parts of the world strengthened his conviction that geographic isolation played a key role in the development of new species.

The Beagle also stopped in New Zealand, where Darwin encountered the indigenous Maori people and observed the local fauna and flora. Unlike Australia, New Zealand had fewer species of native land mammals, but it was home to an abundance of bird species, including the now-extinct moa, a giant flightless bird.

Darwin was interested in the differences between the Maori people and the indigenous inhabitants of other regions he had visited, such as Tierra del Fuego. He noted how different cultures had adapted to their specific environments, and these observations further contributed to his understanding of how both nature and human societies are shaped by their surroundings. From New Zealand, the Beagle continued its journey through the South Pacific, visiting tropical islands such as Tahiti. These islands, with their warm climates, lush vegetation, and abundant marine life, provided yet another contrast to the harsh environments Darwin had encountered earlier in the voyage.

In Tahiti, Darwin was struck by the beauty of the coral reefs and the rich diversity of life in the surrounding waters. He became particularly interested in the formation of coral atolls, which he believed were formed by the gradual sinking of volcanic islands, with coral growth keeping pace with the subsidence. This theory, which Darwin later published, was an important contribution to the understanding of geological processes and the formation of coral reefs.

The vibrant ecosystems of the South Pacific islands further illustrated the adaptability of life to different environments. From the coral reefs teeming with fish and invertebrates to the tropical forests filled with exotic birds and plants, Darwin saw clear examples of how species could thrive in even the most remote and isolated locations. These observations supported his growing belief in the importance of adaptation and environmental pressures in shaping the development of species.

The voyage of HMS Beagle was one of the most significant scientific expeditions of the 19th century, and its legacy continues to resonate today. Charles Darwin's five-year journey around the world not only transformed his own thinking but also profoundly altered humanity's understanding of life on Earth. The insights Darwin gained during the voyage laid the groundwork for his theory of evolution by natural selection, a concept that would become the foundation of modern biology.

The most enduring legacy of the Beagle voyage is Darwin's theory of evolution by natural selection. This revolutionary idea, which Darwin began to formulate during the journey and refined over the following two decades, challenged the prevailing belief that species were created in their present form and remained unchanged. Instead, Darwin proposed that species evolve over time through a process of natural selection, where individuals with traits better suited to their environment are more likely to survive and reproduce, passing those traits on to future generations.

The voyage provided Darwin with the empirical evidence needed to support this theory. His observations of the varied species in the Galápagos Islands, South America, Australia, and the South Pacific helped him to see patterns of adaptation, geographic isolation, and speciation that were consistent with the idea of gradual evolutionary change. Darwin's work culminated in the publication of *On the Origin of Species* in 1859, a book that not only revolutionized biology but also sparked widespread debate and controversy.

The theory of evolution fundamentally changed the way we understand the natural world. It provided a unifying framework for explaining the diversity of life on Earth, from the smallest microorganisms to the largest mammals. It also introduced the idea that all species, including humans, share a common ancestry. This challenged long-held views about the special creation of humanity and raised important questions about our place in the natural world.

Darwin's ideas were met with resistance, particularly from religious groups who saw evolution as a threat to traditional beliefs about creation. However, as more evidence accumulated in support of evolution, including the discovery of fossils, genetic research, and observations of natural phenomena, Darwin's theory gained widespread acceptance within the scientific community. Today, evolution is recognized as one of the central tenets of modern biology, explaining everything from the development of antibiotic resistance in bacteria to the diversity of life in ecosystems.

Darwin's work also had a profound impact on fields beyond biology. His ideas influenced geology, anthropology, psychology, and even economics. In geology, Darwin's observations of volcanic islands, coral reefs, and the formation of fossils contributed to the understanding of Earth's geological processes and the age of the planet. His study of species distribution across different regions of the world laid the groundwork for the field of biogeography.

In anthropology, Darwin's ideas about evolution led to new questions about human origins, prompting scientists to search for fossil evidence of early human ancestors. The discovery of hominid fossils in Africa and elsewhere provided further support for Darwin's theory and helped scientists reconstruct the evolutionary history of humans.

In psychology, Darwin's emphasis on adaptation and survival influenced the development of evolutionary psychology, a field that examines how human behavior and mental processes have been shaped by evolutionary pressures. Even in economics, Darwin's ideas about competition and adaptation inspired thinkers like Herbert Spencer, who coined the phrase "survival of the fittest" to describe the process of natural selection in both biological and social contexts.

More than a century and a half after the publication of *On the Origin of Species*, Darwin's legacy continues to be relevant. Evolutionary theory remains a cornerstone of biological research, helping scientists understand phenomena such as genetic variation, species conservation, and the impact of climate change on ecosystems. The study of evolution also informs medical research, particularly in understanding how pathogens evolve and adapt, which is crucial in the development of vaccines and treatments for diseases.

In addition to its scientific impact, Darwin's work continues to influence philosophical and ethical debates about human nature, free will, and our relationship with the environment. Darwin's recognition of the interconnectedness of all life forms has contributed to the modern conservation movement, encouraging efforts to protect biodiversity and understand the effects of human activity on the planet.

The legacy of the Beagle voyage and Darwin's subsequent work reminds us of the power of curiosity, observation, and the scientific method.

Darwin's willingness to question established beliefs, his meticulous documentation of evidence, and his dedication to understanding the natural world serve as a model for scientists and thinkers across all disciplines.

The voyage of the Beagle also set a precedent for future scientific expeditions. The success of Darwin's work demonstrated the value of natural history voyages, where scientists could observe and collect data from the field rather than rely solely on specimens in museums or labs. This approach led to a proliferation of scientific expeditions throughout the 19th and 20th centuries, with explorers like Alfred Russel Wallace, Alexander von Humboldt, and Ernest Shackleton following in Darwin's footsteps.

Today, the spirit of the Beagle voyage lives on in modern scientific research, particularly in fields like ecology, environmental science, and conservation biology. The tools and techniques may have changed, but the fundamental goal of understanding the natural world through careful observation and analysis remains the same.

pleasure derived from beholding the scenery and the general aspect of the various countries we have visited has decidedly been the most constant and highest source of enjoyment. It is probable that the picturesque beauty of many parts of Europe exceeds anything which we beheld. But there is a growing pleasure in comparing the character of the scenery in different countries, which to a certain degree is distinct from merely admiring its beauty. It depends chiefly on an acquaintance with the individual parts of each view; I am strongly induced to believe that as in music, the person who understands every note will, if he also possesses a proper taste, more thoroughly enjoy the whole, so he who examines each part of a fine view may also thoroughly comprehend the full and combined effect. Hence, a traveller should be a botanist, for in all views plants form the chief embellishment.

Group masses of naked rock even in the wildest forms, and they may for a time afford a sublime spectacle, but they will soon grow monotonous. Paint them with bright and varied colours, as in Northern Chile, they will become fantastic; clothe them with vegetation, they must form a decent, if not a beautiful picture. When I say that the scenery of parts of Europe is probably superior to anything which we beheld, I except, as a class by itself, that of the intertropical zones. The two classes cannot be compared together; but I have already often enlarged on the grandeur of those regions. As the force of impressions generally depends on preconceived ideas, I may add that mine were taken from the vivid descriptions in the Personal Narrative of Humboldt, which far exceed in merit anything else which I have read. Yet with these high-wrought ideas, my feelings were far from partaking of a tinge of disappointment on my first and final landing on the shores of Brazil.

Among the scenes which are deeply impressed on my mind, none exceed in sublimity the primeval forests undefaced by the hand of man; whether those of Brazil, where the powers of Life are predominant, or those of Tierra del Fuego, where Death and Decay prevail. Both are temples filled with the varied productions of the God of Nature:—no one can stand in these solitudes unmoved, and not feel that there is more in man than the mere breath of his body. In calling up images of the past, I find that the plains of Patagonia frequently cross before my eyes; yet these plains are pronounced by all wretched and useless. They can be described only by negative characters; without habitations, without water, without trees, without mountains, they support merely a few dwarf plants.

Why, then, and the case is not peculiar to myself, have these arid wastes taken so firm a hold on my memory? Why have not the still more level, the greener and more fertile Pampas, which are serviceable to mankind, produced an equal impression? I can scarcely analyse these feelings; but it must be partly owing to the free scope given to the imagination. The plains of Patagonia are boundless, for they are scarcely passable, and hence unknown: they bear the stamp of having lasted, as they are now, for ages, and there appears no limit to their duration through future time. If, as the ancients supposed, the flat earth was surrounded by an impassable breadth of water, or by deserts heated to an intolerable excess, who would not look at these last boundaries to man's knowledge with deep but ill-defined sensations? Lastly, of natural scenery, the views from lofty mountains, though certainly in one sense not beautiful, are very memorable.

When looking down from the highest crest of the Cordillera, the mind, undisturbed by minute details, was filled with the stupendous dimensions of the surrounding masses. Of individual objects, perhaps nothing is more certain to create astonishment than the first sight in his native haunt of a barbarian,—of man in his lowest and most savage state. One's mind hurries back over past centuries, and then asks, Could our progenitors have been men like these?—men, whose very signs and expressions are less intelligible to us than those of the domesticated animals; men, who do not possess the instinct of those animals, nor yet appear to boast of human reason, or at least of arts consequent on that reason. I do not believe it is possible to describe or paint the difference between savage and civilised man.

It is the difference between a wild and tame animal: and part of the interest in beholding a savage is the same which would lead every one to desire to see the lion in his desert, the tiger tearing his prey in the jungle, or the rhinoceros wandering over the wild plains of Africa. Among the other most remarkable spectacles which we have beheld, may be ranked the Southern Cross, the cloud of Magellan, and the other constellations of the southern hemisphere—the waterspout—the glacier leading its blue stream of ice, overhanging the sea in a bold precipice—a lagoon island raised by the reef-building corals—an active volcano—and the overwhelming effects of a violent earthquake. These latter phenomena, perhaps, possess for me a peculiar interest, from their intimate connexion with the geological structure of the world.

The earthquake, however, must be to every one a most impressive event: the earth, considered from our earliest childhood as the type of solidity, has oscillated like a thin crust beneath our feet; and in seeing the laboured works of man in a moment overthrown, we feel the insignificance of his boasted power. It has been said that the love of the chase is an inherent delight in man—a relic of an instinctive passion. If so, I am sure the pleasure of living in the open air, with the sky for a roof and the ground for a table, is part of the same feeling; it is the savage returning to his wild and native habits. I always look back to our boat cruises, and my land journeys, when through unfrequented countries, with an extreme delight, which no scenes of civilisation could have created.

I do not doubt that every traveller must remember the glowing sense of happiness which he experienced when he first breathed in a foreign clime where the civilised man had seldom or never trod. There are several other sources of enjoyment in a long voyage which are of a more reasonable nature. The map of the world ceases to be a blank; it becomes a picture full of the most varied and animated figures. Each part assumes its proper dimensions: continents are not looked at in the light of islands, or islands considered as mere specks, which are, in truth, larger than many kingdoms of Europe. Africa, or North and South America, are well-sounding names, and easily pronounced; but it is not until having sailed for weeks along small portions of their shores, that one is thoroughly convinced what vast spaces on our immense world these names imply. From seeing the present state, it is impossible not to look forward with high expectations to the future progress of nearly an entire hemisphere.

The march of improvement, consequent on the introduction of Christianity throughout the South Sea, probably stands by itself in the records of history. It is the more striking when we remember that only sixty years since, Cook, whose excellent judgment none will dispute, could foresee no prospect of a change. Yet these changes have now been effected by the philanthropic spirit of the British nation. In the same quarter of the globe Australia is rising, or indeed may be said to have risen, into a grand centre of civilisation, which, at some not very remote period, will rule as empress over the southern hemisphere. It is impossible for an Englishman to behold these distant colonies without a high pride and satisfaction. To hoist the British flag seems to draw with it as a certain consequence, wealth, prosperity, and civilisation. In conclusion it appears to me that nothing can be more improving to a young naturalist than a journey in distant countries.

It both sharpens and partly allays that want and craving, which, as Sir J. Herschel remarks, a man experiences although every corporeal sense be fully satisfied. The excitement from the novelty of objects, and the chance of success, stimulate him to increased activity. Moreover, as a number of isolated facts soon become uninteresting, the habit of comparison leads to generalisation. On the other hand, as the traveller stays but a short time in each place, his descriptions must generally consist of mere sketches, instead of detailed observations. Hence arises, as I have found to my cost, a constant tendency to fill up the wide gaps of knowledge by inaccurate and superficial hypotheses.

But I have too deeply enjoyed the voyage, not to recommend any naturalist, although he must not expect to be so fortunate in his companions as I have been, to take all chances, and to start, on travels by land if possible, if otherwise, on a long voyage. He may feel assured he will meet with no difficulties or dangers, excepting in rare cases, nearly so bad as he beforehand anticipates. In a moral point of view the effect ought to be to teach him good-humoured patience, freedom from selfishness, the habit of acting for himself, and of making the best of every occurrence. In short, he ought to partake of the characteristic qualities of most sailors. Travelling ought also to teach him distrust; but at the same time he will discover how many truly kind-hearted people there are, with whom he never before had, or ever again will have any further communication, who yet are ready to offer him the most disinterested assistance.