

Chapter II

WE WERE BROUGHT up together; there was not quite a year difference in our ages. I need not say that we were strangers to any species of disunion or dispute. Harmony was the soul of our companionship, and the diversity and contrast that subsisted in our characters drew us nearer together. Elizabeth was of a calmer and more concentrated disposition; but, with all my ardour, I was capable of a more intense application, and was more deeply smitten with the thirst for knowledge. She busied herself with following the aerial creations of the poets; and in the majestic and wondrous scenes which surrounded our Swiss home—the sublime shapes of the mountains; the changes of the seasons; tempest and calm; the silence of winter, and the life and turbulence of our Alpine summers—she found ample scope for admiration and delight. While my companion contemplated with a serious and satisfied spirit the magnificent appearances of things, I delighted in investigating their causes. The world was to me a secret which I desired to divine. Curiosity, earnest research to learn the hidden laws of nature, gladness akin to rapture, as they were unfolded to me, are among the earliest sensations I can remember.

On the birth of a second son, my junior by seven years, my parents gave up entirely their wandering life, and fixed themselves in their native country. We possessed a house in Geneva, and a *campagne*¹ on Belrive, the eastern shore of the lake, at the distance of rather more than a league from the city. We resided principally in the latter, and the lives of my parents were passed in considerable seclusion. It was my temper to avoid a crowd, and to attach myself fervently to a few. I was indifferent, therefore, to my schoolfellows in general; but I united myself in the bonds of the closest friendship to one among them. Henry Clerval was the son of a merchant of Geneva. He was a boy of singular talent and fancy. He loved enterprise, hardship, and even danger for its own sake. He was deeply read in books of chivalry and romance. He composed heroic songs, and began to write many a tale of enchantment and knightly adventure. He tried to make us act plays and to enter into masquerades, in which the characters were drawn from the heroes of Roncesvalles, of the Round Table of King Arthur, and the chivalrous train who shed their blood to redeem the holy sepulchre from the hands of the infidels.

No human being could have passed a happier childhood than myself. My parents were possessed by the very spirit of kindness and indulgence. We felt that they were not the tyrants to rule our lot according to their caprice, but the agents and creators of all the many delights which we enjoyed. When I mingled with other families, I distinctly discerned how peculiarly fortunate my lot was, and gratitude assisted the development of filial love.

My temper was sometimes violent, and my passions vehement; but by some law in my temperature² they were turned not towards childish pursuits but to an eager desire to learn, and not to learn all things indiscriminately. I confess that neither the structure of languages, nor the code of governments, nor the politics of various states possessed attractions for me. It was the secrets of heaven and earth that I desired to learn; and whether it was the outward substance of things, or the inner spirit of nature and the mysterious soul of man that occupied me, still my enquiries were directed to the metaphysical, or in its highest sense, the physical secrets of the world.

Meanwhile Clerval occupied himself, so to speak, with the moral relations of things. The busy stage of life, the virtues of heroes, and the actions of men were his theme; and his hope and his dream was to become one among those whose names are recorded in story, as the gallant and adventurous benefactors of our species. The saintly soul of Elizabeth shone like a shrine-dedicated lamp in our peaceful home. Her sympathy was ours; her smile, her soft voice, the sweet glance of her celestial eyes, were ever there to bless and animate us. She was the living spirit of love to soften and attract: I might have become sullen in my study, rough through the ardour of my nature, but that she was there to subdue me to a semblance of her own gentleness. And Clerval—could aught ill entrench on the noble spirit of Clerval?—yet he might not have been so perfectly humane, so thoughtful in his generosity—so full of kindness and tenderness amidst his passion for adventurous exploit, had she not unfolded to him the real loveliness of beneficence, and made the doing good the end and aim of his soaring ambition.

I feel exquisite pleasure in dwelling on the recollections of childhood, before misfortune had tainted my mind, and changed its bright visions of extensive usefulness into gloomy and narrow reflections upon self. Besides, in drawing the picture of my early days, I also record those events which led, by insensible steps, to my after tale of misery: for when I would account to myself for the birth of that passion, which afterwards ruled my destiny, I find it arise, like a mountain river, from ignoble and almost forgotten sources; but, swelling as it proceeded, it became the torrent which, in its course, has swept away all my hopes and joys.

Natural philosophy is the genius that has regulated my fate; I desire, therefore, in this narration, to state those facts which led to my predilection for that science. When I was thirteen years of age we all went on a party of pleasure to the baths near Thonon: the inclemency of the weather obliged us to remain a day confined to the inn. In this house I chanced to find a volume of the works of Cornelius Agrippa.³ I opened it with apathy; the theory which he attempts to demonstrate, and the wonderful facts which he relates soon changed this feeling into enthusiasm. A new light seemed to dawn upon my mind, and,

wonderful facts which he relates soon changed this feeling into enthusiasm. A new light seemed to dawn upon my mind, and, bounding with joy, I communicated my discovery to my father. My father looked carelessly at the title-page of my book and said, "Ah! Cornelius Agrippa! My dear Victor, do not waste your time upon this; it is sad trash."

If, instead of this remark, my father had taken the pains to explain to me that the principles of Agrippa had been entirely exploded, and that a modern system of science had been introduced, which possessed much greater powers than the ancient, because the powers of the latter were chimerical, while those of the former were real and practical; under such circumstances I should certainly have thrown Agrippa aside and have contented my imagination, warmed as it was, by returning with greater ardour to my former studies. It is even possible that the train of my ideas would never have received the fatal impulse that led to my ruin. But the cursory glance my father had taken of my volume by no means assured me that he was acquainted with its contents; and I continued to read with the greatest avidity.

When I returned home my first care was to procure the whole works of this author, and afterwards of Paracelsus and Albertus Magnus.⁴ I read and studied the wild fancies of these writers with delight; they appeared to me treasures known to few besides myself. I have described myself as always having been imbued with a fervent longing to penetrate the secrets of nature. In spite of the intense labour and wonderful discoveries of modern philosophers, I always came from my studies discontented and unsatisfied. Sir Isaac Newton is said to have avowed that he felt like a child picking up shells beside the great and unexplored ocean of truth. Those of his successors in each branch of natural philosophy with whom I was acquainted, appeared even to my boy's apprehensions, as tyros engaged in the same pursuit.

The untaught peasant beheld the elements around him, and was acquainted with their practical uses. The most learned philosopher knew little more. He had partially unveiled the face of Nature, but her immortal lineaments were still a wonder and a mystery. He might dissect, anatomise, and give names; but, not to speak of a final cause, causes in their secondary and tertiary grades were utterly unknown to him. I had gazed upon the fortifications and impediments that seemed to keep human beings from entering the citadel of nature, and rashly and ignorantly I had repined.

But here were books, and here were men who had penetrated deeper and knew more. I took their word for all that they averred, and I became their disciple. It may appear strange that such should arise in the eighteenth century; but while I followed the routine of education in the schools of Geneva, I was, to a great degree, self-taught with regard to my favourite studies. My father was not scientific, and I was left to struggle with a child's blindness, added to a student's thirst for knowledge. Under the guidance of my new preceptors, I entered with the greatest diligence into the search of the philosopher's stone and the elixir of life; but the latter soon obtained my undivided attention. Wealth was an inferior object; but what glory would attend the discovery, if I could banish disease from the human frame and render man invulnerable to any but a violent death!

Nor were these my only visions. The raising of ghosts or devils was a promise liberally accorded by my favourite authors, the fulfilment of which I most eagerly sought; and if my incantations were always unsuccessful, I attributed the failure rather to my own inexperience and mistake, than to a want of skill or fidelity in my instructors. And thus for a time I was occupied by exploded systems, mingling, like an unadept, a thousand contradictory theories, and floundering desperately in a very slough of multifarious knowledge, guided by an ardent imagination and childish reasoning, till an accident again changed the current of my ideas.

When I was about fifteen years old we had retired to our house near Belrive, when we witnessed a most violent and terrible thunder-storm. It advanced from behind the mountains of Jura; and the thunder burst at once with frightful loudness from various quarters of the heavens. I remained, while the storm lasted, watching its progress with curiosity and delight. As I stood at the door, on a sudden I beheld a stream of fire issue from an old and beautiful oak, which stood about twenty yards from our house; and so soon as the dazzling light vanished, the oak had disappeared, and nothing remained but a blasted stump. When we visited it the next morning, we found the tree shattered in a singular manner. It was not splintered by the shock, but entirely reduced to thin ribbons of wood. I never beheld anything so utterly destroyed.

Before this I was not unacquainted with the more obvious laws of electricity. On this occasion a man of great research in natural philosophy was with us, and, excited by this catastrophe, he entered on the explanation of a theory which he had formed on the subject of electricity and galvanism, which was at once new and astonishing to me. All that he said threw greatly into the shade Cornelius Agrippa, Albertus Magnus, and Paracelsus, the lords of my imagination; but by some fatality the overthrow of these men disinclined me to pursue my accustomed studies. It seemed to me as if nothing would or could ever be known. All that had so long engaged my attention suddenly grew despicable. By one of those caprices of the mind, which we are perhaps most subject to in early youth, I at once gave up my former occupations, set down natural history and all its progeny as a deformed and abortive creation, and entertained the greatest disdain for a would-be science which could never even step within the threshold of real knowledge. In this mood of mind I betook myself to the mathematics, and the branches of study appertaining to that science, as being built upon secure foundations, and so worthy of my consideration.

Thus strangely are our souls constructed, and by such slight ligaments are we bound to prosperity or ruin. When I look back, it seems to me as if this almost miraculous change of inclination and will was the immediate suggestion of the guardian angel of my life—the last effort made by the spirit of preservation to avert the storm that was even then hanging in the stars, and ready to envelope me. Her victory was announced by an unusual tranquillity and gladness of soul, which followed the relinquishing of my ancient and latterly tormenting studies. It was thus that I was to be taught to associate evil with their prosecution, happiness with their disregard.

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It was a strong effort of the spirit of good; but it was ineffectual. Destiny was too potent, and her immutable laws had decreed my utter and terrible destruction.

1. *campagne*] country place.

2. *temperature*] temperament.

3. *Cornelius Agrippa*] Heinrich Cornelius Agrippa von Nettesheim (1486–1535), author of *De occulta philosophia*, in which he claimed that the study of magic was the best means to know God and nature.

4. *Paracelsus and Albertus Magnus*] Paracelsus (1493–1541), or Theophrastus Bombastus Hohenheim, was a Swiss alchemist and physician; Albertus Magnus (1193?–1280) was a philosopher and natural scientist.

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Chapter III

WHEN I HAD attained the age of seventeen, my parents resolved, that I should become a student at the university of Ingolstadt. I had hitherto attended the schools of Geneva; but my father thought it necessary, for the completion of my education, that I should be made acquainted with other customs than those of my native country. My departure was therefore fixed at an early date; but, before the day resolved upon could arrive, the first misfortune of my life occurred—an omen, as it were, of my future misery.

Elizabeth had caught the scarlet fever; her illness was severe, and she was in the greatest danger. During her illness, many arguments had been urged to persuade my mother to refrain from attending upon her. She had, at first, yielded to our intreaties, but when she heard that the life of her favourite was menaced, she could no longer control her anxiety. She attended her sickbed,—her watchful attentions triumphed over the malignity of the distemper,—Elizabeth was saved, but the consequences of this imprudence were fatal to her preserver. On the third day my mother sickened; her fever was accompanied by the most alarming symptoms, and the looks of her medical attendants prognosticated the worst event. On her death-bed the fortitude and benignity of this best of women did not desert her. She joined the hands of Elizabeth and myself:—"My children," she said, "my firmest hopes of future happiness were placed on the prospect of your union. This expectation will now be the consolation of your father. Elizabeth, my love, you must supply my place to my younger children. Alas! I regret that I am taken from you; and, happy and beloved as I have been, is it not hard to quit you all? But these are not thoughts befitting me; I will endeavour to resign myself cheerfully to death, and will indulge a hope of meeting you in another world."

She died calmly; and her countenance expressed affection even in death. I need not describe the feelings of those whose dearest ties are rent by that most irreparable evil; the void that presents itself to the soul; and the despair that is exhibited on the countenance. It is so long before the mind can persuade itself that she, whom we saw every day, and whose very existence appeared a part of our own, can have departed forever—that the brightness of a beloved eye can have been extinguished, and the sound of a voice so familiar and dear to the ear can be hushed, never more to be heard. These are the reflections of the first days; but when the lapse of time proves the reality of the evil, then the actual bitterness of grief commences. Yet from whom has not that rude hand rent away some dear connexion? and why should I describe a sorrow which all have felt, and must feel? The time at length arrives when grief is rather an indulgence than a necessity; and the smile that plays upon the lips, although it may be deemed a sacrilege, is not banished. My mother was dead, but we had still duties which we ought to perform; we must continue our course with the rest, and learn to think ourselves fortunate, whilst one remains whom the spoiler has not seized.

My departure for Ingolstadt, which had been deferred by these events, was now again determined upon. I obtained from my father a respite of some weeks. It appeared to me sacrilege so soon to leave the repose, akin to death, of the house of mourning and to rush into the thick of life. I was new to sorrow, but it did not the less alarm me. I was unwilling to quit the sight of those that remained to me; and above all, I desired to see my sweet Elizabeth in some degree consoled.

She indeed veiled her grief, and strove to act the comforter to us all. She looked steadily on life, and assumed its duties with courage and zeal. She devoted herself to those whom she had been taught to call her uncle and cousins. Never was she so enchanting as at this time, when she recalled the sunshine of her smiles and spent them upon us. She forgot even her own regret in her endeavours to make us forget.

The day of my departure at length arrived. Clerval spent the last evening with us. He had endeavoured to persuade his father to permit him to accompany me, and to become my fellow student; but in vain. His father was a narrow-minded trader, and saw idleness and ruin in the aspirations and ambition of his son. Henry deeply felt the misfortune of being debarred from a liberal education. He said little; but when he spoke, I read in his kindling eye and in his animated glance a restrained but firm resolve, not to be chained to the miserable details of commerce.

We sat late. We could not tear ourselves away from each other, nor persuade ourselves to say the word "Farewell!" It was said; and we retired under the pretence of seeking repose, each fancying that the other was deceived: but when at morning's dawn I descended to the carriage which was to convey me away, they were all there—my father again to bless me, Clerval to press my hand once more, my Elizabeth to renew her intreaties that I would write often, and to bestow the last feminine attentions on her playmate and friend.

I threw myself into the chaise that was to convey me away and indulged in the most melancholy reflections. I, who had ever been surrounded by amiable companions, continually engaged in endeavouring to bestow mutual pleasure, I was now alone. In the university, whither I was going, I must form my own friends and be my own protector. My life had hitherto been remarkably secluded and domestic; and this had given me invincible repugnance to new countenances. I loved my brothers, Elizabeth, and Clerval; these were "old familiar faces," but I believed myself totally unfitted for the company of strangers. Such were my reflections as I commenced my journey; but as I proceeded, my spirits and hopes rose. I ardently

strangers. Such were my reflections as I commenced my journey; but as I proceeded, my spirits and hopes rose. I ardently desired the acquisition of knowledge. I had often, when at home, thought it hard to remain during my youth cooped up in one place, and had longed to enter the world, and take my station among other human beings. Now my desires were complied with, and it would, indeed, have been folly to repent.

I had sufficient leisure for these and many other reflections during my journey to Ingolstadt, which was long and fatiguing. At length the high white steeple of the town met my eyes. I alighted, and was conducted to my solitary apartment, to spend the evening as I pleased.

The next morning I delivered my letters of introduction, and paid a visit to some of the principal professors. Chance—or rather the evil influence, the Angel of Destruction, which asserted omnipotent sway over me from the moment I turned my reluctant steps from my father's door—led me first to M. Krempe, professor of natural philosophy. He was an uncouth man, but deeply imbued in the secrets of his science. He asked me several questions concerning my progress in the different branches of science appertaining to natural philosophy. I replied carelessly; and, partly in contempt, mentioned the names of my alchemists as the principal authors I had studied. The professor stared. "Have you," he said, "really spent your time in studying such nonsense?"

I replied in the affirmative. "Every minute," continued M. Krempe with warmth, "every instant that you have wasted on those books is utterly and entirely lost. You have burdened your memory with exploded systems and useless names. Good God! In what desert land have you lived, where no one was kind enough to inform you that these fancies which you have so greedily imbibed are a thousand years old and as musty as they are ancient? I little expected, in this enlightened and scientific age, to find a disciple of Albertus Magnus and Paracelsus. My dear sir, you must begin your studies entirely anew."

So saying, he stepped aside, and wrote down a list of several books treating of natural philosophy, which he desired me to procure; and dismissed me after mentioning that in the beginning of the following week he intended to commence a course of lectures upon natural philosophy in its general relations, and that M. Waldman, a fellow-professor, would lecture upon chemistry the alternate days that he omitted.

I returned home, not disappointed, for I have said that I had long considered those authors useless whom the professor reprobated; but I returned, not at all the more inclined to recur to these studies in any shape. M. Krempe was a little squat man, with a gruff voice and a repulsive countenance; the teacher, therefore, did not prepossess me in favour of his pursuits. In rather a too philosophical and connected a strain, perhaps, I have given an account of the conclusions I had come to concerning them in my early years. As a child, I had not been content with the results promised by the modern professors of natural science. With a confusion of ideas only to be accounted for by my extreme youth, and my want of a guide on such matters, I had retraced the steps of knowledge along the paths of time, and exchanged the discoveries of recent enquirers for the dreams of forgotten alchemists. Besides, I had a contempt for the uses of modern natural philosophy. It was very different, when the masters of the science sought immortality and power; such views, although futile, were grand; but now the scene was changed. The ambition of the enquirer seemed to limit itself to the annihilation of those visions on which my interest in science was chiefly founded. I was required to exchange chimeras of boundless grandeur for realities of little worth.

Such were my reflections during the first two or three days of my residence at Ingolstadt, which were chiefly spent in becoming acquainted with the localities, and the principal residents in my new abode. But as the ensuing week commenced, I thought of the information which M. Krempe had given me concerning the lectures. And although I could not consent to go and hear that little conceited fellow deliver sentences out of a pulpit, I recollected what he had said of M. Waldman, whom I had never seen, as he had hitherto been out of town.

Partly from curiosity, and partly from idleness, I went into the lecturing room, which M. Waldman entered shortly after. This professor was very unlike his colleague. He appeared about fifty years of age, but with an aspect expressive of the greatest benevolence; a few grey hairs covered his temples, but those at the back of his head were nearly black. His person was short, but remarkably erect; and his voice the sweetest I had ever heard. He began his lecture by a recapitulation of the history of chemistry and the various improvements made by different men of learning, pronouncing with fervour the names of the most distinguished discoverers. He then took a cursory view of the present state of the science, and explained many of its elementary terms. After having made a few preparatory experiments, he concluded with a panegyric upon modern chemistry, the terms of which I shall never forget:—

"The ancient teachers of this science," said he, "promised impossibilities, and performed nothing. The modern masters promise very little; they know that metals cannot be transmuted, and that the elixir of life is a chimera. But these philosophers, whose hands seem only made to dabble in dirt, and their eyes to pore over the microscope or crucible, have indeed performed miracles. They penetrate into the recesses of nature, and show how she works in her hiding-places. They ascend into the heavens; they have discovered how the blood circulates, and the nature of the air we breathe. They have acquired new and almost unlimited powers; they can command the thunders of heaven, mimic the earthquake, and even mock the invisible world with its own shadows."

Such were the professor's words—rather let me say such the words of the fate, enounced to destroy me. As he went on, I felt as if my soul were grappling with a palpable enemy; one by one the various keys were touched which formed the mechanism of my being: chord after chord was sounded, and soon my mind was filled with one thought, one conception, one purpose. So much has been done, exclaimed the soul of Frankenstein.—more, far more, will I achieve: treading in the steps

purpose. So much has been done, exclaimed the soul of Frankenstein,—more, far more, will I achieve: treading in the steps already marked, I will pioneer a new way, explore unknown powers, and unfold to the world the deepest mysteries of creation.

I closed not my eyes that night. My internal being was in a state of insurrection and turmoil; I felt that order would thence arise, but I had no power to produce it. By degrees, after the morning's dawn, sleep came. I awoke, and my yesternight's thoughts were as a dream. There only remained a resolution to return to my ancient studies, and to devote myself to a science for which I believed myself to possess a natural talent. On the same day, I paid M. Waldman a visit. His manners in private were even more mild and attractive than in public; for there was a certain dignity in his mien during his lecture, which in his own house was replaced by the greatest affability and kindness. I gave him pretty nearly the same account of my former pursuits as I had given to his fellow-professor. He heard with attention the little narration concerning my studies, and smiled at the names of Cornelius Agrippa and Paracelsus, but without the contempt that M. Krempe had exhibited. He said that "these were men to whose indefatigable zeal modern philosophers were indebted for most of the foundations of their knowledge. They had left to us, as an easier task to give new names, and arrange in connected classifications the facts which they in a great degree had been the instruments of bringing to light. The labours of men of genius, however erroneously directed, scarcely ever fail in ultimately turning to the solid advantage of mankind." I listened to his statement, which was delivered without any presumption or affectation; and then added that his lecture had removed any prejudices against modern chemists; I expressed myself in measured terms, with the modesty and deference due from a youth to his instructor, without letting escape (inexperience in life would have made me ashamed) any of the enthusiasm which stimulated my intended labours. I requested his advice concerning the books I ought to procure.

"I am happy," said M. Waldman, "to have gained a disciple; and if your application equals your ability, I have no doubt of your success. Chemistry is that branch of natural philosophy in which the greatest improvements have been and may be made; it is on that account that I have made it my peculiar study; but at the same time, I have not neglected the other branches of science. A man would make but a very sorry chemist if he attended to that department of human knowledge alone. If your wish is to become really a man of science, and not merely a petty experimentalist, I should advise you to apply to every branch of natural philosophy, including mathematics."

He then took me into his laboratory and explained to me the uses of his various machines; instructing me as to what I ought to procure, and promising me the use of his own when I should have advanced far enough in the science not to derange their mechanism. He also gave me the list of books which I had requested; and I took my leave.

Thus ended a day memorable to me: it decided my future destiny.

Chapter IV

FROM THIS DAY natural philosophy, and particularly chemistry, in the most comprehensive sense of the term, became nearly my sole occupation. I read with ardour those works, so full of genius and discrimination, which modern enquirers have written on these subjects. I attended the lectures, and cultivated the acquaintance, of the men of science of the university; and I found even in M. Krempe a great deal of sound sense and real information, combined, it is true, with a repulsive physiognomy and manners, but not on that account the less valuable. In M. Waldman I found a true friend. His gentleness was never tinged by dogmatism, and his instructions were given with an air of frankness and good nature, that banished every idea of pedantry. In a thousand ways he smoothed for me the path of knowledge, and made the most abstruse enquiries clear and facile to my apprehension. My application was at first fluctuating and uncertain; it gained strength as I proceeded, and soon became so ardent and eager, that the stars often disappeared in the light of morning whilst I was yet engaged in my laboratory.

As I applied so closely, it may be easily conceived that my progress was rapid. My ardour was indeed the astonishment of the students, and my proficiency that of the masters. Professor Krempe often asked me, with a sly smile, how Cornelius Agrippa went on? whilst M. Waldman expressed the most heartfelt exultation in my progress. Two years passed in this manner, during which I paid no visit to Geneva, but was engaged, heart and soul, in the pursuit of some discoveries which I hoped to make. None but those who have experienced them can conceive of the enticements of science. In other studies you go as far as others have gone before you, and there is nothing more to know; but in a scientific pursuit there is continual food for discovery and wonder. A mind of moderate capacity, which closely pursued one study must infallibly arrive at great proficiency in that study; and I, who continually sought the attainment of one object of pursuit and was solely wrapt up in this, improved so rapidly, that, at the end of two years, I made some discoveries in the improvement of some chemical instruments, which procured me great esteem and admiration at the university. When I had arrived at this point and had become as well acquainted with the theory and practice of natural philosophy as depended on the lessons of any of the professors at Ingolstadt, my residence there being no longer conducive to my improvements, I thought of returning to my friends and my native town, when an incident happened that protracted my stay.

One of the phenomena which had peculiarly attracted my attention was the structure of the human frame, and, indeed, any animal endued with life. Whence, I often asked myself, did the principle of life proceed? It was a bold question, and one which has ever been considered as a mystery; yet with how many things are we upon the brink of becoming acquainted, if cowardice or carelessness did not restrain our enquiries. I revolved these circumstances in my mind, and determined thenceforth to apply myself more particularly to those branches of natural philosophy which relate to physiology. Unless I had been animated by an almost supernatural enthusiasm, my application to this study would have been irksome, and almost intolerable. To examine the causes of life, we must first have recourse to death. I became acquainted with the science of anatomy; but this was not sufficient; I must also observe the natural decay and corruption of the human body. In my education my father had taken the greatest precautions that my mind should be impressed with no supernatural horrors. I do not ever remember to have trembled at a tale of superstition, or to have feared the apparition of a spirit. Darkness had no effect upon my fancy; and a churchyard was to me merely the receptacle of bodies deprived of life, which, from being the seat of beauty and strength, had become food for the worm. Now I was led to examine the cause and progress of this decay, and forced to spend days and nights in vaults and charnel-houses. My attention was fixed upon every object the most insupportable to the delicacy of the human feelings. I saw how the fine form of man was degraded and wasted; I beheld the corruption of death succeed to the blooming cheek of life; I saw how the worm inherited the wonders of the eye and brain. I paused, examining and analysing all the minutiae of causation, as exemplified in the change from life to death, and death to life, until from the midst of this darkness a sudden light broke in upon me—a light so brilliant and wondrous, yet so simple, that while I became dizzy with the immensity of the prospect which it illustrated, I was surprised, that among so many men of genius who had directed their enquiries towards the same science, that I alone should be reserved to discover so astonishing a secret.

Remember, I am not recording the vision of a madman. The sun does not more certainly shine in the heavens, than that which I now affirm is true. Some miracle might have produced it, yet the stages of the discovery were distinct and probable. After days and nights of incredible labour and fatigue, I succeeded in discovering the cause of generation and life; nay, more, I became myself capable of bestowing animation upon lifeless matter.

The astonishment which I had at first experienced on this discovery soon gave place to delight and rapture. After so much time spent in painful labour, to arrive at once at the summit of my desires, was the most gratifying consummation of my toils. But this discovery was so great and overwhelming, that all the steps by which I had been progressively led to it were obliterated, and I beheld only the result. What had been the study and desire of the wisest men since the creation of the world was now within my grasp. Not that, like a magic scene, it all opened upon me at once; the information I had obtained was of

was now within my grasp. Not that, like a magic scene, it all opened upon me at once: the information I had obtained was of a nature rather to direct my endeavours so soon as I should point them towards the object of my search, than to exhibit that object already accomplished. I was like the Arabian who had been buried with the dead¹ and found a passage to life, aided only by one glimmering and seemingly ineffectual light.

I see by your eagerness and the wonder and hope which your eyes express, my friend, that you expect to be informed of the secret with which I am acquainted; that cannot be: listen patiently until the end of my story, and you will easily perceive why I am reserved upon that subject. I will not lead you on, unguarded and ardent as I then was, to your destruction and infallible misery. Learn from me, if not by my precepts, at least by my example, how dangerous is the acquirement of knowledge and how much happier that man is who believes his native town to be the world, than he who aspires to become greater than his nature will allow.

When I found so astonishing a power placed within my hands, I hesitated a long time concerning the manner in which I should employ it. Although I possessed the capacity of bestowing animation, yet to prepare a frame for the reception of it, with all its intricacies of fibres, muscles, and veins, still remained a work of inconceivable difficulty and labour. I doubted at first whether I should attempt the creation of a being like myself, or one of simpler organisation; but my imagination was too much exalted by my first success to permit me to doubt of my ability to give life to an animal as complex and wonderful as man. The materials at present within my command hardly appeared adequate to so arduous an undertaking; but I doubted not that I should ultimately succeed. I prepared myself for a multitude of reverses; my operations might be incessantly baffled, and at last my work be imperfect: yet, when I considered the improvement which every day takes place in science and mechanics, I was encouraged to hope my present attempts would at least lay the foundations of future success. Nor could I consider the magnitude and complexity of my plan as any argument of its impracticability. It was with these feelings that I began the creation of a human being. As the minuteness of the parts formed a great hindrance to my speed, I resolved, contrary to my first intention, to make the being of a gigantic stature; that is to say, about eight feet in height, and proportionably large. After having formed this determination and having spent some months in successfully collecting and arranging my materials, I began.

No one can conceive the variety of feelings which bore me onwards, like a hurricane, in the first enthusiasm of success. Life and death appeared to me ideal bounds, which I should first break through, and pour a torrent of light into our dark world. A new species would bless me as its creator and source; many happy and excellent natures would owe their being to me. No father could claim the gratitude of his child so completely as I should deserve theirs. Pursuing these reflections, I thought, that if I could bestow animation upon lifeless matter, I might in process of time (although I now found it impossible) renew life where death had apparently devoted the body to corruption.

These thoughts supported my spirits, while I pursued my undertaking with unremitting ardour. My cheek had grown pale with study, and my person had become emaciated with confinement. Sometimes, on the very brink of certainty, I failed; yet still I clung to the hope which the next day or the next hour might realise. One secret which I alone possessed was the hope to which I had dedicated myself; and the moon gazed on my midnight labours, while, with unrelaxed and breathless eagerness, I pursued nature to her hiding-places. Who shall conceive the horrors of my secret toil as I dabbled among the unhallowed damps of the grave or tortured the living animal to animate the lifeless clay? My limbs now tremble, and my eyes swim with the remembrance; but then a resistless, and almost frantic impulse, urged me forward; I seemed to have lost all soul or sensation but for this one pursuit. It was indeed but a passing trance, that only made me feel with renewed acuteness so soon as, the unnatural stimulus ceasing to operate, I had returned to my old habits. I collected bones from charnel-houses and disturbed, with profane fingers, the tremendous secrets of the human frame. In a solitary chamber, or rather cell, at the top of the house, and separated from all the other apartments by a gallery and staircase, I kept my workshop of filthy creation: my eyeballs were starting from their sockets in attending to the details of my employment. The dissecting room and the slaughter-house furnished many of my materials; and often did my human nature turn with loathing from my occupation, whilst, still urged on by an eagerness which perpetually increased, I brought my work near to a conclusion.

The summer months passed while I was thus engaged, heart and soul, in one pursuit. It was a most beautiful season; never did the fields bestow a more plentiful harvest, or the vines yield a more luxuriant vintage: but my eyes were insensible to the charms of nature. And the same feelings which made me neglect the scenes around me caused me also to forget those friends who were so many miles absent, and whom I had not seen for so long a time. I knew my silence disquieted them; and I well remembered the words of my father: "I know that while you are pleased with yourself, you will think of us with affection, and we shall hear regularly from you. You must pardon me if I regard any interruption in your correspondence as a proof that your other duties are equally neglected."

I knew well therefore what would be my father's feelings; but I could not tear my thoughts from my employment, loathsome in itself, but which had taken an irresistible hold of my imagination. I wished, as it were, to procrastinate all that related to my feelings of affection until the great object, which swallowed up every habit of my nature, should be completed.

I then thought that my father would be unjust if he ascribed my neglect to vice, or faultiness on my part, but I am now convinced that he was justified in conceiving that I should not be altogether free from blame. A human being in perfection ought always to preserve a calm and peaceful mind, and never to allow passion or a transitory desire to disturb his tranquillity. I do not think that the pursuit of knowledge is an exception to this rule. If the study to which you apply yourself has a tendency to weaken your affections, and to destroy your taste for those simple pleasures in which no alloy can possibly

has a tendency to weaken your affections, and to destroy your taste for those simple pleasures in which no alloy can possibly mix, then that study is certainly unlawful, that is to say, not befitting the human mind. If this rule were always observed; if no man allowed any pursuit whatsoever to interfere with the tranquillity of his domestic affections, Greece had not been enslaved; Caesar would have spared his country; America would have been discovered more gradually; and the empires of Mexico and Peru had not been destroyed.

But I forget that I am moralising in the most interesting part of my tale, and your looks remind me to proceed.

My father made no reproach in his letters, and only took notice of my silence by enquiring into my occupations more particularly than before. Winter, spring, and summer passed away during my labours; but I did not watch the blossom or the expanding leaves—sights which before always yielded me supreme delight—so deeply was I engrossed in my occupation. The leaves of that year had withered before my work drew to a close; and now every day showed me more plainly how well I had succeeded. But my enthusiasm was checked by my anxiety, and I appeared rather like one doomed by slavery to toil in the mines, or any other unwholesome trade than an artist occupied by his favourite employment. Every night I was oppressed by a slow fever, and I became nervous to a most painful degree; the fall of a leaf startled me, and I shunned my fellow-creatures as if I had been guilty of a crime. Sometimes I grew alarmed at the wreck I perceived that I had become; the energy of my purpose alone sustained me: my labours would soon end, and I believed that exercise and amusement would then drive away incipient disease; and I promised myself both of these when my creation should be complete.

1. *the Arabian . . . dead*] a reference to Sinbad the Sailor's Fourth Voyage in *The Thousand and One Nights*.