

THE GREAT READ



*We read to know
that we are not alone.*

William Nicholson

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THE GREAT READ

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Changing Natures: Introduction

*Professor Dinah Birch, Pro-Vice-Chancellor
for Cultural Engagement, University of Liverpool*

Short stories are tiny windows into other worlds and other minds and other dreams. They are journeys you can make to the far side of the universe and still be back in time for dinner.

Neil Gaiman

This anthology reflects the dazzling variety of ideas and experiences that short stories can communicate. The connecting theme of these stories is 'Changing Natures', and this is a collection that challenges us to think in unexpected ways about nature, and about processes of change. 'Nature' is a term that often refers to landscapes and ecosystems, and it is tempting to see the laws of nature as unchanging. But our understanding of what those laws might be is never fixed, and several of these stories remind us of this instability. Our place in nature is also constantly shifting, and our effect on the planet often threatens its ecological balance and integrity. In this sense, nature is not static. Human nature, and our perception of its identity, is equally fluid. Each of the writers represented in this collection approaches processes of change in a different way, and every reader will find something to stimulate the imagination in what these stories have to offer.

Four of these stories are the work of celebrated authors, responding to a range of political and cultural issues that formed the history of the twentieth century. These are interspersed with three stories by students and staff of the University of Liverpool, winners of our recent short story competition. The judges of this competition were hugely impressed by the range and quality of the entries, and their juxtaposition with the stories of major writers bears testament to the quality of the submitted stories. Their success should serve as an encouragement to all aspiring writers.

The capacity to unsettle preconceptions is something that these stories have in common. George Orwell's 'Shooting an Elephant' is an autobiographical piece, published in 1936, which approaches colonialism from the perspective

of a man who was actively involved in its day-to-day business. Orwell began his service as a police officer in Myanmar (then known as Burma) in 1922, at the age of 19, and remained in post for five years. His Burmese experiences formed his settled opposition to imperialism, as reflected in this story. But 'Shooting an Elephant' also expresses the difficulty of escaping our assigned roles. Shooting the elephant is presented as an act of futile yet unavoidable barbarity, a brutal outcome of a vicious and corrupting system. Sammy Ali's story, 'A Cadaver's Guide to Referenda', asks disturbing questions about moral issues, and how we might weigh the rights of the individual against the needs of humanity. Here too, changing situations underline the complexity of ethical choices, and deny us the comfort of easy answers.

In 'Recitatif', a story first published in 1983, Toni Morrison addresses the uncertainties of racial and social difference in another story in which no firm conclusions are reached. Where does disadvantage and injustice lie? The focus shifts as the story develops, and perhaps the unreliable memories of both Roberta and Twyla with regard to their treatment of Maggie means that the story raises questions about disability that are as discomfiting as those of race and poverty. What Roberta and Twyla have in common in their early years is the dysfunctional family life that sends both to live in an orphanage. Their mothers are not able to fulfil their needs. The challenge for the boy who is the central character of Saul Leslie's 'Loggerhead' is different, for he has two mothers, both committed to his care. Like the young turtles newly hatched on a dangerous beach, he comes to realize that he must make his own way, nurtured by his mothers, but swimming into an unpredictable new life – 'shared and separate'.

Elizabeth Bowen's 'The Demon Lover', published in 1945, is a chilling disruption of our expectations of what is natural. Bowen was an Anglo-Irish writer who lived in England during the Second World War, working for the Ministry of Information. Her wartime experiences, particularly in the context of a bomb-damaged London, were a lasting influence on her work. Is Mrs Drover, returning to a once solid house that is no longer either safe or sound, a victim of supernatural revenge? Or has her sense of reality broken down, as all that seemed certain in her life has threatened to disintegrate, like her house? 'Nothing Rests', a story from Frank Shovlin, also explores processes of inexorable change – 'Nothing rests; everything moves; everything vibrates.' This may be cause for celebration, but not everyone is able to find liberation in movement. 'There's a difference between escaping and trying to escape.'

Isaac Asimov's story about the development of computing technology, 'The Last Question', was published in 1956, as scientists and engineers were beginning to contemplate the potential of an international centralization of resources. Science fiction will often bring philosophical, theological and

scientific questions together, and in this ambitious contemplation of nature changing on a cosmic scale Asimov demonstrates the range of the genre.

The stories gathered in 'Changing Natures' could scarcely be more diverse in the approaches adopted by our seven writers, but each tackles the large and challenging questions that drive change. We hope that they will provoke you to think in new ways – and perhaps to write about some of these challenges yourself. Above all, we hope that you will enjoy the stories, and take part in the events we're planning to give you an opportunity to discuss them with others.

Shooting an Elephant

George Orwell

In Moulmein, in lower Burma, I was hated by large numbers of people – the only time in my life that I have been important enough for this to happen to me. I was sub-divisional police officer of the town, and in an aimless, petty kind of way anti-European feeling was very bitter. No one had the guts to raise a riot, but if a European woman went through the bazaars alone somebody would probably spit betel juice over her dress. As a police officer I was an obvious target and was baited whenever it seemed safe to do so. When a nimble Burman tripped me up on the football field and the referee (another Burman) looked the other way, the crowd yelled with hideous laughter. This happened more than once. In the end the sneering yellow faces of young men that met me everywhere, the insults hooted after me when I was at a safe distance, got badly on my nerves. The young Buddhist priests were the worst of all. There were several thousands of them in the town and none of them seemed to have anything to do except stand on street corners and jeer at Europeans.

All this was perplexing and upsetting. For at that time I had already made up my mind that imperialism was an evil thing and the sooner I chucked up my job and got out of it the better. Theoretically – and secretly, of course – I was all for the Burmese and all against their oppressors, the British. As for the job I was doing, I hated it more bitterly than I can perhaps make clear. In a job like that you see the dirty work of Empire at close quarters. The wretched prisoners huddling in the stinking cages of the lock-ups, the grey, cowed faces of the long-term convicts, the scarred buttocks of the men who had been flogged with bamboos – all these oppressed me with an intolerable sense of guilt. But I could get nothing into perspective. I was young and ill-educated and I had had to think out my problems in the utter silence that is imposed on every Englishman in the East. I did not even know that the British Empire is dying, still less did I know that it is a great deal better than the younger empires that are going to supplant it. All I knew was that I was stuck between my hatred of the empire I served and my rage against the evil-spirited little beasts who tried to make my job impossible. With one

part of my mind I thought of the British Raj as an unbreakable tyranny, as something clamped down, *in saecula saeculorum*, upon the will of prostrate peoples; with another part I thought that the greatest joy in the world would be to drive a bayonet into a Buddhist priest's guts. Feelings like these are the normal by-products of imperialism; ask any Anglo-Indian official, if you can catch him off duty.

One day something happened which in a roundabout way was enlightening. It was a tiny incident in itself, but it gave me a better glimpse than I had had before of the real nature of imperialism – the real motives for which despotic governments act. Early one morning the sub-inspector at a police station the other end of the town rang me up on the phone and said that an elephant was ravaging the bazaar. Would I please come and do something about it? I did not know what I could do, but I wanted to see what was happening and I got on to a pony and started out. I took my rifle, an old .44 Winchester and much too small to kill an elephant, but I thought the noise might be useful *in terrorem*. Various Burmans stopped me on the way and told me about the elephant's doings. It was not, of course, a wild elephant, but a tame one which had gone 'must'. It had been chained up, as tame elephants always are when their attack of 'must' is due, but on the previous night it had broken its chain and escaped. Its mahout, the only person who could manage it when it was in that state, had set out in pursuit, but had taken the wrong direction and was now twelve hours' journey away, and in the morning the elephant had suddenly reappeared in the town. The Burmese population had no weapons and were quite helpless against it. It had already destroyed somebody's bamboo hut, killed a cow and raided some fruit-stalls and devoured the stock; also it had met the municipal rubbish van and, when the driver jumped out and took to his heels, had turned the van over and inflicted violences upon it.

The Burmese sub-inspector and some Indian constables were waiting for me in the quarter where the elephant had been seen. It was a very poor quarter, a labyrinth of squalid bamboo huts, thatched with palmleaf, winding all over a steep hillside. I remember that it was a cloudy, stuffy morning at the beginning of the rains. We began questioning the people as to where the elephant had gone and, as usual, failed to get any definite information. That is invariably the case in the East; a story always sounds clear enough at a distance, but the nearer you get to the scene of events the vaguer it becomes. Some of the people said that the elephant had gone in one direction, some said that he had gone in another, some professed not even to have heard of any elephant. I had almost made up my mind that the whole story was a pack of lies, when we heard yells a little distance away. There was a loud, scandalized cry of "Go away, child! Go away this instant!" and an old woman with a switch in her hand came round the corner of a hut, violently shooing away a crowd of naked children. Some more women followed, clicking their tongues and

exclaiming; evidently there was something that the children ought not to have seen. I rounded the hut and saw a man's dead body sprawling in the mud. He was an Indian, a black Dravidian coolie, almost naked, and he could not have been dead many minutes. The people said that the elephant had come suddenly upon him round the corner of the hut, caught him with its trunk, put its foot on his back and ground him into the earth. This was the rainy season and the ground was soft, and his face had scored a trench a foot deep and a couple of yards long. He was lying on his belly with arms crucified and head sharply twisted to one side. His face was coated with mud, the eyes wide open, the teeth bared and grinning with an expression of unendurable agony. (Never tell me, by the way, that the dead look peaceful. Most of the corpses I have seen looked devilish.) The friction of the great beast's foot had stripped the skin from his back as neatly as one skins a rabbit. As soon as I saw the dead man I sent an orderly to a friend's house nearby to borrow an elephant rifle. I had already sent back the pony, not wanting it to go mad with fright and throw me if it smelt the elephant.

The orderly came back in a few minutes with a rifle and five cartridges, and meanwhile some Burmans had arrived and told us that the elephant was in the paddy fields below, only a few hundred yards away. As I started forward, practically the whole population of the quarter flocked out of the houses and followed me. They had seen the rifle and were all shouting excitedly that I was going to shoot the elephant. They had not shown much interest in the elephant when he was merely ravaging their homes, but it was different now that he was going to be shot. It was a bit of fun to them, as it would be to an English crowd; besides they wanted the meat. It made me vaguely uneasy. I had no intention of shooting the elephant – I had merely sent for the rifle to defend myself if necessary – and it is always unnerving to have a crowd following you. I marched down the hill, looking and feeling a fool, with the rifle over my shoulder and an ever-growing army of people jostling at my heels. At the bottom, when you got away from the huts, there was a metalled road and beyond that a miry waste of paddy fields a thousand yards across, not yet ploughed but soggy from the first rains and dotted with coarse grass. The elephant was standing eighty yards from the road, his left side towards us. He took not the slightest notice of the crowd's approach. He was tearing up bunches of grass, beating them against his knees to clean them and stuffing them into his mouth.

I had halted on the road. As soon as I saw the elephant I knew with perfect certainty that I ought not to shoot him. It is a serious matter to shoot a working elephant – it is comparable to destroying a huge and costly piece of machinery – and obviously one ought not to do it if it can possibly be avoided. And at that distance, peacefully eating, the elephant looked no more dangerous than a cow. I thought then and I think now that his attack of 'must' was already

passing off; in which case he would merely wander harmlessly about until the mahout came back and caught him. Moreover, I did not in the least want to shoot him. I decided that I would watch him for a little while to make sure that he did not turn savage again, and then go home.

But at that moment I glanced round at the crowd that had followed me. It was an immense crowd, two thousand at the least and growing every minute. It blocked the road for a long distance on either side. I looked at the sea of yellow faces above the garish clothes – faces all happy and excited over this bit of fun, all certain that the elephant was going to be shot. They were watching me as they would watch a conjurer about to perform a trick. They did not like me, but with the magical rifle in my hands I was momentarily worth watching. And suddenly I realized that I should have to shoot the elephant after all. The people expected it of me and I had got to do it; I could feel their two thousand wills pressing me forward, irresistibly. And it was at this moment, as I stood there with the rifle in my hands, that I first grasped the hollowness, the futility of the white man's dominion in the East. Here was I, the white man with his gun, standing in front of the unarmed native crowd – seemingly the leading actor of the piece; but in reality I was only an absurd puppet pushed to and fro by the will of those yellow faces behind. I perceived in this moment that when the white man turns tyrant it is his own freedom that he destroys. He becomes a sort of hollow, posing dummy, the conventionalized figure of a sahib. For it is the condition of his rule that he shall spend his life in trying to impress the 'natives', and so in every crisis he has got to do what the 'natives' expect of him. He wears a mask, and his face grows to fit it. I had got to shoot the elephant. I had committed myself to doing it when I sent for the rifle. A sahib has got to act like a sahib; he has got to appear resolute, to know his own mind and do definite things. To come all that way, rifle in hand, with two thousand people marching at my heels, and then to trail feebly away, having done nothing – no, that was impossible. The crowd would laugh at me. And my whole life, every white man's life in the East, was one long struggle not to be laughed at.

But I did not want to shoot the elephant. I watched him beating his bunch of grass against his knees, with that preoccupied grandmotherly air that elephants have. It seemed to me that it would be murder to shoot him. At that age I was not squeamish about killing animals, but I had never shot an elephant and never wanted to. (Somehow it always seems worse to kill a large animal.) Besides, there was the beast's owner to be considered. Alive, the elephant was worth at least a hundred pounds; dead, he would only be worth the value of his tusks, five pounds, possibly. But I had got to act quickly. I turned to some experienced-looking Burmans who had been there when we arrived, and asked them how the elephant had been behaving. They all said

the same thing: he took no notice of you if you left him alone, but he might charge if you went too close to him.

It was perfectly clear to me what I ought to do. I ought to walk up to within, say, twenty-five yards of the elephant and test his behaviour. If he charged, I could shoot; if he took no notice of me, it would be safe to leave him until the mahout came back. But also I knew that I was going to do no such thing. I was a poor shot with a rifle and the ground was soft mud into which one would sink at every step. If the elephant charged and I missed him, I should have about as much chance as a toad under a steam-roller. But even then I was not thinking particularly of my own skin, only of the watchful yellow faces behind. For at that moment, with the crowd watching me, I was not afraid in the ordinary sense, as I would have been if I had been alone. A white man mustn't be frightened in front of 'natives'; and so, in general, he isn't frightened. The sole thought in my mind was that if anything went wrong those two thousand Burmans would see me pursued, caught, trampled on and reduced to a grinning corpse like that Indian up the hill. And if that happened it was quite probable that some of them would laugh. That would never do.

There was only one alternative. I shoved the cartridges into the magazine and lay down on the road to get a better aim. The crowd grew very still, and a deep, low, happy sigh, as of people who see the theatre curtain go up at last, breathed from innumerable throats. They were going to have their bit of fun after all. The rifle was a beautiful German thing with cross-hair sights. I did not then know that in shooting an elephant one would shoot to cut an imaginary bar running from ear-hole to ear-hole. I ought, therefore, as the elephant was sideways on, to have aimed straight at his ear-hole; actually I aimed several inches in front of this, thinking the brain would be further forward.

When I pulled the trigger I did not hear the bang or feel the kick – one never does when a shot goes home – but I heard the devilish roar of glee that went up from the crowd. In that instant, in too short a time, one would have thought, even for the bullet to get there, a mysterious, terrible change had come over the elephant. He neither stirred nor fell, but every line of his body had altered. He looked suddenly stricken, shrunk, immensely old, as though the frightful impact of the bullet had paralysed him without knocking him down. At last, after what seemed a long time – it might have been five seconds, I dare say – he sagged flabbily to his knees. His mouth slobbered. An enormous senility seemed to have settled upon him. One could have imagined him thousands of years old. I fired again into the same spot. At the second shot he did not collapse but climbed with desperate slowness to his feet and stood weakly upright, with legs sagging and head drooping. I fired a third time. That was the shot that did for him. You could see the agony of it jolt his whole body and knock the last remnant of strength from his legs. But in falling he seemed for a moment to rise, for as his hind legs collapsed

beneath him he seemed to tower upward like a huge rock toppling, his trunk reaching skyward like a tree. He trumpeted, for the first and only time. And then down he came, his belly towards me, with a crash that seemed to shake the ground even where I lay.

I got up. The Burmans were already racing past me across the mud. It was obvious that the elephant would never rise again, but he was not dead. He was breathing very rhythmically with long rattling gasps, his great mound of a side painfully rising and falling. His mouth was wide open – I could see far down into caverns of pale pink throat. I waited a long time for him to die, but his breathing did not weaken. Finally I fired my two remaining shots into the spot where I thought his heart must be. The thick blood welled out of him like red velvet, but still he did not die. His body did not even jerk when the shots hit him, the tortured breathing continued without a pause. He was dying, very slowly and in great agony, but in some world remote from me where not even a bullet could damage him further. I felt that I had got to put an end to that dreadful noise. It seemed dreadful to see the great beast lying there, powerless to move and yet powerless to die, and not even to be able to finish him. I sent back for my small rifle and poured shot after shot into his heart and down his throat. They seemed to make no impression. The tortured gasps continued as steadily as the ticking of a clock.

In the end I could not stand it any longer and went away. I heard later that it took him half an hour to die. Burmans were bringing dhas and baskets even before I left, and I was told they had stripped his body almost to the bones by the afternoon.

Afterwards, of course, there were endless discussions about the shooting of the elephant. The owner was furious, but he was only an Indian and could do nothing. Besides, legally I had done the right thing, for a mad elephant has to be killed, like a mad dog, if its owner fails to control it. Among the Europeans opinion was divided. The older men said I was right, the younger men said it was a damn shame to shoot an elephant for killing a coolie, because an elephant was worth more than any damn Coringhee coolie. And afterwards I was very glad that the coolie had been killed; it put me legally in the right and it gave me a sufficient pretext for shooting the elephant. I often wondered whether any of the others grasped that I had done it solely to avoid looking a fool.

A Cadaver's Guide to Referenda

Sammy Ali

The 5th of May is an important date. It might just be the most important date in all of human history. Because it is on this date that humanity will be asked to define itself.

Readers might think that this is a slight exaggeration; the sort of hyperbole attached to all-to-frequent 'once in a generation' votes. But no. In the most literal sense possible, on the 5th of May, humanity will be asked to define itself. And the definition it chooses will forever change what it means to be part of mankind.

"There will be two boxes", the official guidance had said. "Two boxes to correspond with two options which are, by design, contradictory and opposite. You must vote only once by putting a cross in the box next to your choice."

The 5th of May will be a Thursday, as is traditional for voting. This tradition arose from the idea that the drunkenness of Friday's pay cheques would fog the mind of good reason. It also arose from the desire to avoid the influence of Sunday prayers.

In a way, it is fitting that this referendum will be so far removed from the hands of God.

Three years ago, a man called Sadri Hassan was diagnosed with terminal colorectal cancer. Despite doctors' advice, he had shown up to receive this diagnosis alone.

Sadri found being told definitely how he'd die to be very humbling. He'd often imagined being executed by a firing squad or crushed by a runaway freight train. Such poetic fantasies of glamorous demise are common; but our endings are normally much more prosaic. Our bodies are simply designed to collapse beneath us.

Sadri spent the next week eating whatever the hell he wanted. After all, if your flesh-sack is doomed to fail in six months, there can't be any harm in thoroughly clogging its arteries before you go. Monday and Tuesday he spent indulging this new hedonistic outlook, spending as much money as he could on frivolous items and books he'd never get to read. But with Wednesday came the realization that this was actually happening. That this wasn't just another fantasy about death – it was the actual thing. And that he only had so many Wednesdays left.

Thursday to Saturday was spent mostly in bed. Mostly crying. Mostly spluttering. And mostly mourning the fact that there would be nobody left to mourn himself.

But with Sunday, as on the nose as it was, came something of a relief. Came a sense of final purpose. Came ... a documentary about body donation, flickering at the foot of his bed.

Sadri was a Muslim by birth but, with no parents left to guide him, he had failed to understand the cultural importance of an in-ground burial. To him, it seemed perfectly feasible that Allah would not mind his corpus instead being used as an educational tool for the great doctors of tomorrow. And, for all we know, he could have been very right.

And so, after completing an extensive set of paperwork, Sadri Hassan officially donated his crumbling body to science. It was harvested mere hours after his death, pumped and prepared for shipment to a local medical school. This preparation involved the removal of all four of Sadri's limbs, which were delicately stripped down to reveal their musculature and nerves for all to see. Flayed and displayed like a butcher's bargain.

The torso, with head still attached, was to be used as a thoracic sample, and was wheeled away to a separate anatomy classroom. And, for about a year, this became the most stable job Sadri had ever held down. Every week he was wheeled out for the students to look at, and every week they would tear away his ribcage to poke and prod at his lungs. Occasionally, a comment would be made by a class clown about the presence of Sadri's penis, which now drooped sadly between his two leg stumps. A snigger or two would be heard in response, but Sadri did not care because he was dead.

That is, until he wasn't.

Because, during one week's anatomy class, at approximately 2:53 p.m., the body's eyes shot open for the first time since its death. They rolled up directly towards the ceiling lights. The sickly fluorescent bulbs in its mind formed the face of a God, who was smiling warmly, as if to welcome her sad little creature back into the world.

The Cadaver did not know where it was. It did not know *who* it was. And it did not know that two teenagers were currently wiggling its trachea about.

So, there it sat for a moment. And, as a black tar oozed from its orifices,

and as its ribcage resealed itself, and as various nerves, ligaments, and arteries swelled around its stumps to form hideous new limbs, the students lurched back in horror.

The resurrection had begun.

After a swift act of special forces intervention, the reanimated Cadaver was locked away in a remote facility. It spent the next year with an animalistic consciousness, tended to only by morbidly curious researchers as the world watched on closely. Had its cells survived a year without sustenance? Had the Cadaver remembered anything from beyond the flatline? Had man finally cheated death?

Through intense rehabilitation, the Cadaver eventually regained powers of movement and speech, and began once again to call itself by the name of Sadri Hassan.

Over the course of this year, the Cadaver's researchers had become fascinated with its reformed limbs. How had this broken body, once ravaged by disease, been able to develop such healing power? A hypothesis was put forward about the black tar still dripping from its orifices. A biopsy was taken.

Little is known of the actual science behind the tar. The regenerative properties were only discovered, like many great medical achievements, by complete accident. A young technician had spilled a vial on to a scar while fumbling with her gloves. And, when she went to clean the stain, she found that the scar had completely vanished.

After a few months, the first clinical trial was ordered. Two mice, each with their tails removed, were dipped in a tar-derived solution. When they were pulled out, their tails had regrown. As if they had never been clipped at all.

Human testing was fast-tracked very soon after. First, another scar was healed. Then a broken bone. Then, a missing finger was regrown. And finally, at the crescendo's peak, a famed D-Day veteran had his left arm returned to him after 80 long years. Humanity had found its miracle elixir.

The problem was that it only had one tap.

The Cadaver had been watching all of this unfold in real time at the facility. Nothing brought it more peace than the growing cries of thanks it received from each patient, as they returned home supposedly more complete than they had arrived. So, when the team pitched a plan to share this gift with the world, it was elated. However, as the team further explained the conditions of compliance, the Cadaver's excitement mutated to disgust.

In order to harvest enough tar to be effective on a mass scale, the Cadaver would need to be injected with a complete body-paralysing drug. It would then have to remain in a state of conscious surgery – its chest would be open on an operating room table for the rest of its existence – and it would be slowly bled dry in order to heal the sick.

Unable to move, yet eternally in pain.

The Cadaver staunchly refused. It suddenly wished that it had been buried under a slab of concrete and left to rot, as Sadri's parents would have wanted. But humanity could not take no for an answer.

So, the researchers took their case to the Old Bailey. It was claimed that the Cadaver did not have the right to dissent because it was no longer human – it had been *donated* by the late Sadri Hassan, and was now the property of the Human Tissue Authority. The case was fought for many months, until a final interventional ruling was made by the UK government.

A violation of consent could not be allowed. But the potential benefits for mankind could not be ignored. So, a national referendum was called.

“On the 5th of May, the British public are to be presented with two definitions of humanity. One of these will extend the legal domain of *homo sapiens*, and by extension human rights, to corpses brought back from the grave. The other, with whatever implications entailed, shall not.

“There will be two boxes. Two boxes to correspond with two options which are, by design, contradictory and opposite.

“You must only vote once.”

Recitatif

Toni Morrison

My mother danced all night and Roberta's was sick. That's why we were taken to St. Bonny's. People want to put their arms around you when you tell them you were in a shelter, but it really wasn't bad. No big long room with one hundred beds like Bellevue. There were four to a room, and when Roberta and me came, there was a shortage of state kids, so we were the only ones assigned to 406 and could go from bed to bed if we wanted to. And we wanted to, too. We changed beds every night and for the whole four months we were there we never picked one out as our own permanent bed.

It didn't start out that way. The minute I walked in and the Big Bozo introduced us, I got sick to my stomach. It was one thing to be taken out of your own bed early in the morning—it was something else to be stuck in a strange place with a girl from a whole other race. And Mary, that's my mother, she was right. Every now and then she would stop dancing long enough to tell me something important and one of the things she said was that they never washed their hair and they smelled funny. Roberta sure did. Smell funny, I mean. So when the Big Bozo (nobody ever called her Mrs. Itkin, just like nobody ever said St. Bonaventure)—when she said, "Twyla, this is Roberta. Roberta, this is Twyla. Make each other welcome." I said, "My mother won't like you putting me in here."

"Good," said Bozo. "Maybe then she'll come and take you home."

How's that for mean? If Roberta had laughed I would have killed her, but she didn't. She just walked over to the window and stood with her back to us.

"Turn around," said the Bozo. "Don't be rude. Now Twyla. Roberta. When you hear a loud buzzer, that's the call for dinner. Come down to the first floor. Any fights and no movie." And then, just to make sure we knew what we would be missing, "The Wizard of Oz."

Roberta must have thought I meant that my mother would be mad about my being put in the shelter. Not about rooming with her, because as soon as Bozo left she came over to me and said, "Is your mother sick too?"

"No," I said. "She just likes to dance all night."

"Oh," she nodded her head and I liked the way she understood things so fast. So for the moment it didn't matter that we looked like salt and pepper standing there and that's what the other kids called us sometimes. We were eight years old and got F's all the time. Me because I couldn't remember what I read or what the teacher said. And Roberta because she couldn't read at all and didn't even listen to the teacher. She wasn't good at anything except jacks, at which she was a killer: pow scoop pow scoop pow scoop.

We didn't like each other all that much at first, but nobody else wanted to play with us because we weren't real orphans with beautiful dead parents in the sky. We were dumped. Even the New York City Puerto Ricans and the upstate Indians ignored us. All kinds of kids were in there, black ones, white ones, even two Koreans. The food was good, though. At least I thought so. Roberta hated it and left whole pieces of things on her plate: Spam, Salisbury steak—even jello with fruit cocktail in it, and she didn't care if I ate what she wouldn't. Mary's idea of supper was popcorn and a can of Yoo-Hoo. Hot mashed potatoes and two weenies was like Thanksgiving for me.

It really wasn't bad, St. Bonny's. The big girls on the second floor pushed us around now and then. But that was all. They wore lipstick and eyebrow pencil and wobbled their knees while they watched TV. Fifteen, sixteen, even, some of them were. They were put-out girls, scared runaways most of them. Poor little girls who fought their uncles off but looked tough to us, and mean. God did they look mean. The staff tried to keep them separate from the younger children, but sometimes they caught us watching them in the orchard where they played radios and danced with each other. They'd light out after us and pull our hair or twist our arms. We were scared of them, Roberta and me, but neither of us wanted the other one to know it. So we got a good list of dirty names we could shout back when we ran from them through the orchard. I used to dream a lot and almost always the orchard was there. Two acres, four maybe, of these little apple trees. Hundreds of them. Empty and crooked like beggar women when I first came to St. Bonny's but fat with flowers when I left. I don't know why I dreamt about that orchard so much. Nothing really happened there. Nothing all that important, I mean. Just the big girls dancing and playing the radio. Roberta and me watching. Maggie fell down there once. The kitchen woman with legs like parentheses. And the big girls laughed at her. We should have helped her up, I know, but we were scared of those girls with lipstick and eyebrow pencil. Maggie couldn't talk. The kids said she had her tongue cut out, but I think she was just born that way: mute. She was old and sandy-colored and she worked in the kitchen. I don't know if she was nice or not. I just remember her legs like parentheses and how she rocked when she walked. She worked from early in the morning till two o'clock, and if she was late, if she had too much cleaning and didn't get out till two-fifteen or so, she'd cut through the orchard so she wouldn't

miss her bus and have to wait another hour. She wore this really stupid little hat—a kid’s hat with ear flaps—and she wasn’t much taller than we were. A really awful little hat. Even for a mute, it was dumb—dressing like a kid and never saying anything at all.

“But what about if somebody tries to kill her?” I used to wonder about that. “Or what if she wants to cry? Can she cry?”

“Sure,” Roberta said. “But just tears. No sounds come out.”

“She can’t scream?”

“Nope. Nothing.”

“Can she hear?”

“I guess.”

“Let’s call her,” I said. And we did.

“Dummy! Dummy!” She never turned her head.

“Bow legs! Bow legs!” Nothing. She just rocked on, the chin straps of her baby-boy hat swaying from side to side. I think we were wrong. I think she could hear and didn’t let on. And it shames me even now to think there was somebody in there after all who heard us call her those names and couldn’t tell on us.

We got along all right, Roberta and me. Changed beds every night, got F’s in civics and communication skills and gym. The Bozo was disappointed in us, she said. Out of 130 of us state cases, 90 were under twelve. Almost all were real orphans with beautiful dead parents in the sky. We were the only ones dumped and the only ones with F’s in three classes including gym. So we got along—what with her leaving whole pieces of things on her plate and being nice about not asking questions.

I think it was the day before Maggie fell down that we found out our mothers were coming to visit us on the same Sunday. We had been at the shelter twenty-eight days (Roberta twenty-eight and a half) and this was their first visit with us. Our mothers would come at ten o’clock in time for chapel, then lunch with us in the teachers’ lounge. I thought if my dancing mother met her sick mother it might be good for her. And Roberta thought her sick mother would get a big bang out of a dancing one. We got excited about it and curled each other’s hair. After breakfast we sat on the bed watching the road from the window. Roberta’s socks were still wet. She washed them the night before and put them on the radiator to dry. They hadn’t, but she put them on anyway because their tops were so pretty— scalloped in pink. Each of us had a purple construction-paper basket that we had made in craft class. Mine had a yellow crayon rabbit on it. Roberta’s had eggs with wiggly lines of color. Inside were cellophane grass and just the jelly beans because I’d eaten the two marshmallow eggs they gave us. The Big Bozo came herself to get us. Smiling she told us we looked very nice and to come downstairs. We were so surprised by the smile we’d never seen before, neither of us moved.

"Don't you want to see your mommies?"

I stood up first and spilled the jelly beans all over the floor. Bozo's smile disappeared while we scrambled to get the candy up off the floor and put it back in the grass.

She escorted us downstairs to the first floor, where the other girls were lining up to file into the chapel. A bunch of grown-ups stood to one side. Viewers mostly. The old biddies who wanted servants and the fags who wanted company looking for children they might want to adopt. Once in a while a grandmother. Almost never anybody young or anybody whose face wouldn't scare you in the night. Because if any of the real orphans had young relatives they wouldn't be real orphans. I saw Mary right away. She had on those green slacks I hated and hated even more now because didn't she know we were going to chapel? And that fur jacket with the pocket linings so ripped she had to pull to get her hands out of them. But her face was pretty—like always, and she smiled and waved like she was the little girl looking for her mother—not me.

I walked slowly, trying not to drop the jelly beans and hoping the paper handle would hold. I had to use my last Chiclet because by the time I finished cutting everything out, all the Elmer's was gone. I am left-handed and the scissors never worked for me. It didn't matter, though; I might just as well have chewed the gum. Mary dropped to her knees and grabbed me, mashing the basket, the jelly beans, and the grass into her ratty fur jacket.

"Twyla, baby. Twyla, baby!"

I could have killed her. Already I heard the big girls in the orchard the next time saying, "Twyyyyyyyla, baby!" But I couldn't stay mad at Mary while she was smiling and hugging me and smelling of Lady Esther dusting powder. I wanted to stay buried in her fur all day.

To tell the truth I forgot about Roberta. Mary and I got in line for the trapeze into chapel and I was feeling proud because she looked so beautiful even in those ugly green slacks that made her behind stick out. A pretty mother on earth is better than a beautiful dead one in the sky even if she did leave you all alone to go dancing.

I felt a tap on my shoulder, turned, and saw Roberta smiling. I smiled back, but not too much lest somebody think this visit was the biggest thing that ever happened in my life. Then Roberta said, "Mother, I want you to meet my roommate, Twyla. And that's Twyla's mother."

I looked up it seemed for miles. She was big. Bigger than any man and on her chest was the biggest cross I'd ever seen. I swear it was six inches long each way. And in the crook of her arm was the biggest Bible ever made.

Mary, simple-minded as ever, grinned and tried to yank her hand out of the pocket with the raggedy lining—to shake hands, I guess. Roberta's mother looked down at me and then looked down at Mary too. She didn't say anything,

just grabbed Roberta with her Bible-free hand and stepped out of line, walking quickly to the rear of it. Mary was still grinning because she's not too swift when it comes to what's really going on. Then this light bulb goes off in her head and she says "That bitch!" really loud and us almost in the chapel now. Organ music whining; the Bonny Angels singing sweetly. Everybody in the world turned around to look. And Mary would have kept it up—kept calling names if I hadn't squeezed her hand as hard as I could. That helped a little, but she still twitched and crossed and uncrossed her legs all through service. Even groaned a couple of times. Why did I think she would come there and act right? Slacks. No hat like the grandmothers and viewers, and groaning all the while. When we stood for hymns she kept her mouth shut. Wouldn't even look at the words on the page. She actually reached in her purse for a mirror to check her lipstick. All I could think of was that she really needed to be killed. The sermon lasted a year, and I knew the real orphans were looking smug again.

We were supposed to have lunch in the teachers' lounge, but Mary didn't bring anything, so we picked fur and cellophane grass off the mashed jelly beans and ate them. I could have killed her. I sneaked a look at Roberta. Her mother had brought chicken legs and ham sandwiches and oranges and a whole box of chocolate-covered grahams. Roberta drank milk from a thermos while her mother read the Bible to her.

Things are not right. The wrong food is always with the wrong people. Maybe that's why I got into waitress work later—to match up the right people with the right food. Roberta just let those chicken legs sit there, but she did bring a stack of grahams up to me later when the visit was over. I think she was sorry that her mother would not shake my mother's hand. And I liked that and I liked the fact that she didn't say a word about Mary groaning all the way through the service and not bringing any lunch.

Roberta left in May when the apple trees were heavy and white. On her last day we went to the orchard to watch the big girls smoke and dance by the radio. It didn't matter that they said, "Twyyyyyla, baby." We sat on the ground and breathed. Lady Esther. Apple blossoms. I still go soft when I smell one or the other. Roberta was going home. The big cross and the big Bible was coming to get her and she seemed sort of glad and sort of not. I thought I would die in that room of four beds without her and I knew Bozo had plans to move some other dumped kid in there with me. Roberta promised to write every day, which was really sweet of her because she couldn't read a lick so how could she write anybody. I would have drawn pictures and sent them to her but she never gave me her address. Little by little she faded. Her wet socks with the pink scalloped tops and her big serious-looking eyes—that's all I could catch when I tried to bring her to mind.



I was working behind the counter at the Howard Johnson's on the Thruway just before the Kingston exit. Not a bad job. Kind of a long ride from Newburgh, but okay once I got there. Mine was the second night shift—eleven to seven. Very light until a Greyhound checked in for breakfast around six-thirty. At that hour the sun was all the way clear of the hills behind the restaurant. The place looked better at night—more like shelter—but I loved it when the sun broke in, even if it did show all the cracks in the vinyl and the speckled floor looked dirty no matter what the mop boy did.

It was August and a bus crowd was just unloading. They would stand around a long while: going to the john, and looking at gifts and junk-for-sale machines, reluctant to sit down so soon. Even to eat. I was trying to fill the coffee pots and get them all situated on the electric burners when I saw her. She was sitting in a booth smoking a cigarette with two guys smothered in head and facial hair. Her own hair was so big and wild I could hardly see her face. But the eyes. I would know them anywhere. She had on a powder-blue halter and shorts outfit and earrings the size of bracelets. Talk about lipstick and eyebrow pencil. She made the big girls look like nuns. I couldn't get off the counter until seven o'clock, but I kept watching the booth in case they got up to leave before that. My replacement was on time for a change, so I counted and stacked my receipts as fast as I could and signed off. I walked over to the booths, smiling and wondering if she would remember me. Or even if she wanted to remember me. Maybe she didn't want to be reminded of St. Bonny's or to have anybody know she was ever there. I know I never talked about it to anybody.

I put my hands in my apron pockets and leaned against the back of the booth facing them.

"Roberta? Roberta Fisk?"

She looked up. "Yeah?"

"Twyla."

She squinted for a second and then said, "Wow."

"Remember me?"

"Sure. Hey. Wow."

"It's been a while," I said, and gave a smile to the two hairy guys.

"Yeah. Wow. You work here?"

"Yeah," I said. "I live in Newburgh."

"Newburgh? No kidding?" She laughed then a private laugh that included the guys but only the guys, and they laughed with her. What could I do but laugh too and wonder why I was standing there with my knees showing out from under that uniform. Without looking I could see the blue and white triangle on my head, my hair shapeless in a net, my ankles thick in white

oxfords. Nothing could have been less sheer than my stockings. There was this silence that came down right after I laughed. A silence it was her turn to fill up. With introductions, maybe, to her boyfriends or an invitation to sit down and have a Coke. Instead she lit a cigarette off the one she'd just finished and said, "We're on our way to the Coast. He's got an appointment with Hendrix."

She gestured casually toward the boy next to her.

"Hendrix. Fantastic," I said. "Really fantastic. What's she doing now?"

Roberta coughed on her cigarette and the two guys rolled their eyes up at the ceiling.

"Hendrix. Jimi Hendrix, asshole. He's only the biggest—Oh, wow. Forget it."

I was dismissed without anyone saying goodbye, so I thought I would do it for her.

"How's your mother?" I asked. Her grin cracked her whole face. She swallowed. "Fine," she said. "How's yours?"

"Pretty as a picture," I said and turned away. The backs of my knees were damp. Howard Johnson's really was a dump in the sunlight.

James is as comfortable as a house slipper. He liked my cooking and I liked his big loud family. They have lived in Newburgh all of their lives and talk about it the way people do who have always known a home. His grandmother is a porch swing older than his father and when they talk about streets and avenues and buildings they call them names they no longer have. They still call the A & P Rico's because it stands on property once a mom and pop store owned by Mr. Rico. And they call the new community college Town Hall because it once was. My mother-in-law puts up jelly and cucumbers and buys butter wrapped in cloth from a dairy. James and his father talk about fishing and baseball and I can see them all together on the Hudson in a raggedy skiff. Half the population of Newburgh is on welfare now, but to my husband's family it was still some upstate paradise of a time long past. A time of ice houses and vegetable wagons, coal furnaces and children weeding gardens. When our son was born my mother-in-law gave me the crib blanket that had been hers.

But the town they remembered had changed. Something quick was in the air. Magnificent old houses, so ruined they had become shelter for squatters and rent risks, were bought and renovated. Smart IBM people moved out of their suburbs back into the city and put shutters up and herb gardens in their backyards. A brochure came in the mail announcing the opening of a Food Emporium. Gourmet food it said—and listed items the rich IBM crowd would want. It was located in a new mall at the edge of town and I drove

out to shop there one day—just to see. It was late in June. After the tulips were gone and the Queen Elizabeth roses were open everywhere. I trailed my cart along the aisle tossing in smoked oysters and Robert's sauce and things I knew would sit in my cupboard for years. Only when I found some Klondike ice cream bars did I feel less guilty about spending James's fireman's salary so foolishly. My father-in-law ate them with the same gusto little Joseph did.

Waiting in the check-out line I heard a voice say, "Twyla!"

The classical music piped over the aisles had affected me and the woman leaning toward me was dressed to kill. Diamonds on her hand, a smart white summer dress. "I'm Mrs. Benson," I said.

"Ho. Ho. The Big Bozo," she sang.

For a split second I didn't know what she was talking about. She had a bunch of asparagus and two cartons of fancy water.

"Roberta!"

"Right."

"For heaven's sake. Roberta."

"You look great," she said.

"So do you. Where are you? Here? In Newburgh?"

"Yes. Over in Annandale."

I was opening my mouth to say more when the cashier called my attention to her empty counter.

"Meet you outside." Roberta pointed her finger and went into the express line.

I placed the groceries and kept myself from glancing around to check Roberta's progress. I remembered Howard Johnson's and looking for a chance to speak only to be greeted with a stingy "wow." But she was waiting for me and her huge hair was sleek now, smooth around a small, nicely shaped head. Shoes, dress, everything lovely and summery and rich. I was dying to know what happened to her, how she got from Jimi Hendrix to Annandale, a neighborhood full of doctors and IBM executives. Easy, I thought. Everything is so easy for them. They think they own the world.

"How long," I asked her. "How long have you been here?"

"A year. I got married to a man who lives here. And you, you're married too, right? Benson, you said."

"Yeah. James Benson."

"And is he nice?"

"Oh, is he nice?"

"Well, is he?" Roberta's eyes were steady as though she really meant the question and wanted an answer.

"He's wonderful, Roberta. Wonderful."

"So you're happy."

"Very."

"That's good," she said and nodded her head. "I always hoped you'd be happy. Any kids? I know you have kids."

"One. A boy. How about you?"

"Four."

"Four?"

She laughed. "Step kids. He's a widower."

"Oh."

"Got a minute? Let's have a coffee."

I thought about the Klondikes melting and the inconvenience of going all the way to my car and putting the bags in the trunk. Served me right for buying all that stuff I didn't need.

Roberta was ahead of me.

"Put them in my car. It's right here."

And then I saw the dark blue limousine.

"You married a Chinaman?"

"No," she laughed. "He's the driver."

"Oh, my. If the Big Bozo could see you now."

We both giggled. Really giggled. Suddenly, in just a pulse beat, twenty years disappeared and all of it came rushing back. The big girls (whom we called gar girls—Roberta's misheard word for the evil stone faces described in a civics class) there dancing in the orchard, the ploppy mashed potatoes, the double weenies, the Spam with pineapple. We went into the coffee shop holding onto one another and I tried to think why we were glad to see each other this time and not before. Once, twelve years ago, we passed like strangers. A black girl and a white girl meeting in a Howard Johnson's on the road and having nothing to say. One in a blue and white triangle waitress hat—the other on her way to see Hendrix. Now we were behaving like sisters separated for much too long. Those four short months were nothing in time. Maybe it was the thing itself. Just being there, together. Two little girls who knew what nobody else in the world knew—how not to ask questions. How to believe what had to be believed. There was politeness in that reluctance and generosity as well. Is your mother sick too? No, she dances all night. Oh—and an understanding nod.

We sat in a booth by the window and fell into recollection like veterans.

"Did you ever learn to read?"

"Watch." She picked up the menu. "Special of the day. Cream of corn soup. Entrees. Two dots and a wriggly line. Quiche. Chef salad, scallops ..."

I was laughing and applauding when the waitress came up.

"Remember the Easter baskets?"

"And how we tried to introduce them?"

"Your mother with that cross like two telephone poles."

"And yours with those tight slacks."

We laughed so loudly heads turned and made the laughter harder to suppress.

"What happened to the Jimi Hendrix date?"

Roberta made a blow-out sound with her lips.

"When he died I thought about you."

"Oh, you heard about him finally?"

"Finally. Come on, I was a small-town country waitress."

"And I was a small-town country dropout. God, were we wild. I still don't know how I got out of there alive."

"But you did."

"I did. I really did. Now I'm Mrs. Kenneth Norton."

"Sounds like a mouthful."

"It is."

"Servants and all?"

Roberta held up two fingers.

"Ow! What does he do?"

"Computers and stuff. What do I know?"

"I don't remember a hell of a lot from those days, but Lord, St. Bonny's is as clear as daylight. Remember Maggie? The day she fell down and those gar girls laughed at her?"

Roberta looked up from her salad and stared at me. "Maggie didn't fall," she said.

"Yes, she did. You remember."

"No, Twyla. They knocked her down. Those girls pushed her down and tore her clothes. In the orchard."

"I don't—that's not what happened."

"Sure it is. In the orchard. Remember how scared we were?"

"Wait a minute. I don't remember any of that."

"And Bozo was fired."

"You're crazy. She was there when I left. You left before me."

"I went back. You weren't there when they fired Bozo."

"What?"

"Twice. Once for a year when I was about ten, another for two months when I was fourteen. That's when I ran away."

"You ran away from St. Bonny's?"

"I had to. What do you want? Me dancing in that orchard?"

"Are you sure about Maggie?"

"Of course I'm sure. You've blocked it, Twyla. It happened. Those girls had behavior problems, you know."

"Didn't they, though. But why can't I remember the Maggie thing?"

"Believe me. It happened. And we were there."

"Who did you room with when you went back?" I asked her as if I would know her. The Maggie thing was troubling me.

"Creeps. They tickled themselves in the night."

My ears were itching and I wanted to go home suddenly. This was all very well but she couldn't just comb her hair, wash her face and pretend everything was hunky-dory. After the Howard Johnson's snub. And no apology. Nothing.

"Were you on dope or what that time at Howard Johnson's?" I tried to make my voice sound friendlier than I felt.

"Maybe, a little. I never did drugs much. Why?"

"I don't know; you acted sort of like you didn't want to know me then."

"Oh, Twyla, you know how it was in those days: black-white. You know how everything was."

But I didn't know. I thought it was just the opposite. Busloads of blacks and whites came into Howard Johnson's together. They roamed together then: students, musicians, lovers, protesters. You got to see everything at Howard Johnson's and blacks were very friendly with whites in those days. But sitting there with nothing on my plate but two hard tomato wedges wondering about the melting Klondikes it seemed childish remembering the slight.

We went to her car, and with the help of the driver, got my stuff into my station wagon.

"We'll keep in touch this time," she said.

"Sure," I said. "Sure. Give me a call."

"I will," she said, and then just as I was sliding behind the wheel, she leaned into the window. "By the way. Your mother. Did she ever stop dancing?"

I shook my head. "No. Never."

Roberta nodded.

"And yours? Did she ever get well?"

She smiled a tiny sad smile. "No. She never did. Look, call me, okay?"

"Okay," I said, but I knew I wouldn't. Roberta had messed up my past somehow with that business about Maggie. I wouldn't forget a thing like that. Would I?

Strife came to us that fall. At least that's what the paper called it. Strife. Racial strife. The word made me think of a bird—a big shrieking bird out of 1,000,000,000 B.C. Flapping its wings and cawing. Its eye with no lid always bearing down on you. All day it screeched and at night it slept on the rooftops. It woke you in the morning and from the *Today* show to the eleven o'clock news it kept you an awful company. I couldn't figure it out from one day to the next. I knew I was supposed to feel something strong, but I didn't

know what, and James wasn't any help. Joseph was on the list of kids to be transferred from the junior high school to another one at some far-out-of-the-way place and I thought it was a good thing until I heard it was a bad thing. I mean I didn't know. All the schools seemed dumps to me, and the fact that one was nicer looking didn't hold much weight. But the papers were full of it and then the kids began to get jumpy. In August, mind you. Schools weren't even open yet. I thought Joseph might be frightened to go over there, but he didn't seem scared so I forgot about it, until I found myself driving along Hudson Street out there by the school they were trying to integrate and saw a line of women marching. And who do you suppose was in line, big as life, holding a sign in front of her bigger than her mother's cross? MOTHERS HAVE RIGHTS TOO! it said.

I drove on, and then changed my mind. I circled the block, slowed down, and honked my horn.

Roberta looked over and when she saw me she waved. I didn't wave back, but I didn't move either. She handed her sign to another woman and came over to where I was parked.

"Hi."

"What are you doing?"

"Picketing. What's it look like?"

"What for?"

"What do you mean, 'What for?' They want to take my kids and send them out of the neighborhood. They don't want to go."

"So what if they go to another school? My boy's being bussed too, and I don't mind. Why should you?"

"It's not about us, Twyla. Me and you. It's about our kids."

"What's more us than that?"

"Well, it is a free country."

"Not yet, but it will be."

"What the hell does that mean? I'm not doing anything to you."

"You really think that?"

"I know it."

"I wonder what made me think you were different."

"I wonder what made me think you were different."

"Look at them," I said. "Just look. Who do they think they are? Swarming all over the place like they own it. And now they think they can decide where my child goes to school. Look at them, Roberta. They're Bozos."

Roberta turned around and looked at the women. Almost all of them were standing still now, waiting. Some were even edging toward us. Roberta looked at me out of some refrigerator behind her eyes. "No, they're not. They're just mothers."

"And what am I? Swiss cheese?"

"I used to curl your hair."

"I hated your hands in my hair."

The women were moving. Our faces looked mean to them of course and they looked as though they could not wait to throw themselves in front of a police car, or better yet, into my car and drag me away by my ankles. Now they surrounded my car and gently, gently began to rock it. I swayed back and forth like a sideways yo-yo. Automatically I reached for Roberta, like the old days in the orchard when they saw us watching them and we had to get out of there, and if one of us fell the other pulled her up and if one of us was caught the other stayed to kick and scratch, and neither would leave the other behind. My arm shot out of the car window but no receiving hand was there. Roberta was looking at me sway from side to side in the car and her face was still. My purse slid from the car seat down under the dashboard. The four policemen who had been drinking Tab in their car finally got the message and strolled over, forcing their way through the women. Quietly, firmly they spoke. "Okay, ladies. Back in line or off the streets."

Some of them went away willingly; others had to be urged away from the car doors and the hood. Roberta didn't move. She was looking steadily at me. I was fumbling to turn on the ignition, which wouldn't catch because the gearshift was still in drive. The seats of the car were a mess because the swaying had thrown my grocery coupons all over it and my purse was sprawled on the floor.

"Maybe I am different now, Twyla. But you're not. You're the same little state kid who kicked a poor old black lady when she was down on the ground. You kicked a black lady and you have the nerve to call me a bigot."

The coupons were everywhere and the guts of my purse were bunched under the dashboard. What was she saying? Black? Maggie wasn't black.

"She wasn't black," I said.

"Like hell she wasn't, and you kicked her. We both did. You kicked a black lady who couldn't even scream."

"Liar!"

"You're the liar! Why don't you just go on home and leave us alone, huh?"

She turned away and I skidded away from the curb.

The next morning I went into the garage and cut the side out of the carton our portable TV had come in. It wasn't nearly big enough, but after a while I had a decent sign: red spray-painted letters on a white background—AND SO DO CHILDREN****. I meant just to go down to the school and tack it up somewhere so those cows on the picket line across the street could see it, but when I got there, some ten or so others had already assembled—protesting the cows across the street. Police permits and everything. I got in line and we strutted in time on our side while Roberta's group strutted on theirs. That first day we were all dignified, pretending the other side didn't exist.

The second day there was name calling and finger gestures. But that was about all. People changed signs from time to time, but Roberta never did and neither did I. Actually my sign didn't make sense without Roberta's. "And so do children what?" one of the women on my side asked me. Have rights, I said, as though it was obvious.

Roberta didn't acknowledge my presence in any way and I got to thinking maybe she didn't know I was there. I began to pace myself in the line, jostling people one minute and lagging behind the next, so Roberta and I could reach the end of our respective lines at the same time and there would be a moment in our turn when we would face each other. Still, I couldn't tell whether she saw me and knew my sign was for her. The next day I went early before we were scheduled to assemble. I waited until she got there before I exposed my new creation. As soon as she hoisted her MOTHERS HAVE RIGHTS TOO I began to wave my new one, which said, HOW WOULD YOU KNOW? I know she saw that one, but I had gotten addicted now. My signs got crazier each day, and the women on my side decided that I was a kook. They couldn't make heads or tails out of my brilliant screaming posters.

I brought a painted sign in queenly red with huge black letters that said, IS YOUR MOTHER WELL? Roberta took her lunch break and didn't come back for the rest of the day or any day after. Two days later I stopped going too and couldn't have been missed because nobody understood my signs anyway.

It was a nasty six weeks. Classes were suspended and Joseph didn't go to anybody's school until October. The children—everybody's children—soon got bored with that extended vacation they thought was going to be so great. They looked at TV until their eyes flattened. I spent a couple of mornings tutoring my son, as the other mothers said we should. Twice I opened a text from last year that he had never turned in. Twice he yawned in my face. Other mothers organized living room sessions so the kids would keep up. None of the kids could concentrate so they drifted back to *The Price Is Right* and *The Brady Bunch*. When the school finally opened there were fights once or twice and some sirens roared through the streets every once in a while. There were a lot of photographers from Albany. And just when ABC was about to send up a news crew, the kids settled down like nothing in the world had happened. Joseph hung my HOW WOULD YOU KNOW? sign in his bedroom. I don't know what became of AND SO DO CHILDREN****. I think my father-in-law cleaned some fish on it. He was always puttering around in our garage. Each of his five children lived in Newburgh and he acted as though he had five extra homes.

I couldn't help looking for Roberta when Joseph graduated from high school, but I didn't see her. It didn't trouble me much what she had said to me in the car. I mean the kicking part. I know I didn't do that, I couldn't do that. But I was puzzled by her telling me Maggie was black. When I thought

about it I actually couldn't be certain. She wasn't pitch-black, I knew, or I would have remembered that. What I remember was the kiddie hat, and the semicircle legs. I tried to reassure myself about the race thing for a long time until it dawned on me that the truth was already there, and Roberta knew it. I didn't kick her; I didn't join in with the gar girls and kick that lady, but I sure did want to. We watched and never tried to help her and never called for help. Maggie was my dancing mother. Deaf, I thought, and dumb. Nobody inside. Nobody who would hear you if you cried in the night. Nobody who could tell you anything important that you could use. Rocking, dancing, swaying as she walked. And when the gar girls pushed her down, and started roughhousing, I knew she wouldn't scream, couldn't—just like me and I was glad about that.

We decided not to have a tree, because Christmas would be at my mother-in-law's house, so why have a tree at both places? Joseph was at SUNY New Paltz and we had to economize, we said. But at the last minute, I changed my mind. Nothing could be that bad. So I rushed around town looking for a tree, something small but wide. By the time I found a place, it was snowing and very late. I dawdled like it was the most important purchase in the world and the tree man was fed up with me. Finally I chose one and had it tied onto the trunk of the car. I drove away slowly because the sand trucks were not out yet and the streets could be murder at the beginning of a snowfall. Downtown the streets were wide and rather empty except for a cluster of people coming out of the Newburgh Hotel. The one hotel in town that wasn't built out of cardboard and Plexiglas. A party, probably. The men huddled in the snow were dressed in tails and the women had on furs. Shiny things glittered from underneath their coats. It made me tired to look at them. Tired, tired, tired. On the next corner was a small diner with loops and loops of paper bells in the window. I stopped the car and went in. Just for a cup of coffee and twenty minutes of peace before I went home and tried to finish everything before Christmas Eve.

"Twyla?"

There she was. In a silvery evening gown and dark fur coat. A man and another woman were with her, the man fumbling for change to put in the cigarette machine. The woman was humming and tapping on the counter with her fingernails. They all looked a little bit drunk.

"Well. It's you."

"How are you?"

I shrugged. "Pretty good. Frazzled. Christmas and all."

"Regular?" called the woman from the counter.

"Fine," Roberta called back and then, "Wait for me in the car."

She slipped into the booth beside me. "I have to tell you something, Twyla. I made up my mind if I ever saw you again, I'd tell you."

"I'd just as soon not hear anything, Roberta. It doesn't matter now, anyway."

"No," she said. "Not about that."

"Don't be long," said the woman. She carried two regulars to go and the man peeled his cigarette pack as they left.

"It's about St. Bonny's and Maggie."

"Oh, please."

"Listen to me. I really did think she was black. I didn't make that up. I really thought so. But now I can't be sure. I just remember her as old, so old. And because she couldn't talk—well, you know, I thought she was crazy. She'd been brought up in an institution like my mother was and like I thought I would be too. And you were right. We didn't kick her. It was the gar girls. Only them. But, well, I wanted to. I really wanted them to hurt her. I said we did it, too. You and me, but that's not true. And I don't want you to carry that around. It was just that I wanted to do it so bad that day—wanting to is doing it."

Her eyes were watery from the drinks she'd had, I guess. I know it's that way with me. One glass of wine and I start bawling over the littlest thing.

"We were kids, Roberta."

"Yeah. Yeah. I know, just kids."

"Eight."

"Eight."

"And lonely."

"Scared, too."

She wiped her cheeks with the heel of her hand and smiled. "Well that's all I wanted to say."

I nodded and couldn't think of any way to fill the silence that went from the diner past the paper bells on out into the snow. It was heavy now. I thought I'd better wait for the sand trucks before starting home.

"Thanks, Roberta."

"Sure."

"Did I tell you. My mother, she never did stop dancing."

"Yes. You told me. And mine, she never got well." Roberta lifted her hands from the tabletop and covered her face with her palms. When she took them away she really was crying. "Oh shit, Twyla. Shit, shit, shit. What the hell happened to Maggie?"

Loggerhead

Saul Leslie

Along the beach, the boy is learning about vulnerable bodies. The laminated sign by the birthing site explains that loggerhead turtles are endangered. *Caretta caretta*, Linnaeus, 1758. *Conservation status: threatened*. Though the translation is loose, some words misplaced, he swiftly generates meaning from this imprecise source. *Fishing nets create suffocation*. He imagines the eggs, *a clutch*, cue balls in darkness. *Underground temperature chooses gender*. Soon, when the afternoon heat dissolves, *32°C for females, 28°C for males*, those cue balls will start jostling each other to be the first hatchling. Soon. If only the facts of his own birth had been as straightforward. He pirouettes impatiently on his heel, leaving a shallow basin in the sand as he skips away to find a nest.

Nearby, the mother sunbathes. Her book's open but her eyes follow the boy. She's wondering how last night's discussion has affected him. Grit gathers in the spine and sun-cream sweat clots on the page. Words bulge and warp in hot droplets. The dunes steam, stubbled by marram grass that obscures the Nature Reserve spreading hazily inland.

During their evening meal at the Sirocco Hotel, the boy had asked about his origins. The mother wasn't surprised. Naturally, warm days on the edge of deep coastal shelves precipitate such primal reflections. But now that he'd actually asked, she struggled to respond. As the waiter served olives and grilled bread the boy suggested that the fragments he'd learned over the years from his parents, their vague soundbite, "You're our son, but hers too", surely left out whole parts of the mother's story.

While they ate she offered her recollections, but found them tidal. Memories momentarily merged into a discernible series of thoughts before spreading

out again, indistinct, rippling. Years ago she'd put herself forward as a surrogate mother-for-hire, answering an infertility clinic's advert. The ad. had been placed by the Mistrals, a professional couple unable to have a baby themselves. The clinic had drawn up a contract which stipulated that, once artificially inseminated, the surrogate would bear the child and give it to W__ and E__ Mistrals at birth. In her retelling the mother detailed the moment her scribbled signature had ceded her maternal rights, though she glossed over the specifics of the fee the Mistrals paid her and the medical expenses they'd covered. Soon afterwards she'd become pregnant and in the autumn given birth to a boy. Although the contract stated the couple would adopt the child, the mother realises she couldn't part with him. His puffy little hand gripping her fingers was too tender, the unison of their breaths in the hospital bed too perfect.

The dispute had gone to court. The surrogacy contract was ruled invalid, but custody was nevertheless awarded to the Mistrals, on the grounds that they were better positioned to raise the boy. The court believed (as did some of the mother's friends and family) that it was in his best interest. Simultaneously, however, the mother's maternal rights were restored, her position as a mother reinstated. Visitation procedures outlined *one week at Christmas, two weeks in summer, and occasions in between (school plays, ceremonies)*. All of that had permitted, almost thirteen years later, this holiday in the Mediterranean.

By the time the waiter brought the bill, the boy had asked several questions, mostly about the advice the mother had sought. She'd discovered among those closest to her a range of conflicting opinions:

"A deal's a deal. A service was provided and paid for. A pair of loving parents get to raise a son, you get rewarded for nine months' work."

"It's not an ordinary contract. You couldn't've known how you were going to feel when you had to give him up."

"This is about a child's life and your own body, not trading an iPhone."

The mother repeated these views to the boy as accurately as she could, anonymising each speaker to avoid clouding his judgement of his relatives or family friends. She also changed the details which she felt wouldn't resonate. It was a CD-player, for instance, not an iPhone, that had been cited as a commodity fit for trade. The boy became distant, so while she paid the bill the mother shifted the topic to their plans the following day. Possibly sensing a lull, or attuned to the desires of tourists, the waiter suddenly interjected.

With sweeping arms and raised eyebrows, he told them that tomorrow turtles were hatching.

As the sun dips the boy discovers where the bodies are buried. A trinity of bamboo canes fortify the nest. Beneath its surface he pictures the clutch preparing itself. A knot of tough cord bunches the canes' tops together. They point like primitive aerials towards the early evening sky. The structure is skeletal but sturdy, a predecessor to the Pyramids, the Great Plains' tipis, to London's Shard. Neon tape trails from the knot like a tentacle. 'KEEP AWAY' flashes through his mind. The mother told him not to touch, just to look. Strewn across the nest he sees clumps of parched grass, uprooted and blown down from the dunes. This debris could block the hatchlings' journey. He chews his cheek as the obligation 'KEEP AWAY' confronts the impulse 'CARE'. Crouching with fingertips like forceps he extracts the sun-baked strands. As the surface clears, he notices the middle moving and assumes it's the wind through the canes. But no, the sand's shifting on its own. Propped on his elbows he leans forward, hovers just above the nest. Here, the sand is boiling like rice on a hob. A crater forms, steeply sided, and deepening as the sand is tugged downwards by hidden hands. He thinks he hears the collision of matter, the tiny granular trickle a microcosm of boulders cascading down vast mountainsides. Then he sees in the crater's centre the dark leathery knuckle of a hatchling's head. He holds his breath, his heart butts his ribs. The hatchling pauses, its thumbnail-sized eye blinks away a sticky film of grit. He imagines its disorientation, familiar darkness behind, curious twilight ahead. Standing quickly, he turns to the mother, draws breath, and begins to wave.

By the time the mother has pinned down her towel against the evening's breeze, looped her camera around her neck and arrived at the nest, two Nature Reserve officials have appeared from beyond the dunes. As she approaches they're already on their knees among countless hatchlings, digging a channel from the nest to the shoreline. The boy warns her to watch her step. By her foot in the semi-light she sees a tiny turtle on its back, its shell's underside a mosaic in shadow. The flippers wave about like little oars desperate to row. Instinctively she leans down, camera grazing the sand, to turn the turtle over. "No," shouts an official as he digs, telling her that helping them on land kills them at sea. The boy expands, reciting from the laminated sign that the journey from nest to sea helps hatchlings develop enough muscle to power through the surf. "It must right itself," the official adds breathlessly. The boy cannot

make out her expression, now that the sun's gone, but he watches her lift the camera to her face ... level the lens at the turtles ... raise her finger ... press

blink

outlined by the emerging moon, she's in a posture of apology. Up on the dunes she's trapped between the officials. One points his finger in her face, the other writes in a notebook. Her bare shoulders shrug every time the malfunctioning camera flashes in her hands. She holds it out to them like something unwanted. From the beach the boy can see light explode across the dunes, illuminating three spectral expressions: guilty, angry, stern. He turns back to the nest, the churned sand and fresh channel the only evidence of an event. He wants to be away from the official's furious voice, her protestations, the broken camera. He walks along the channel's lip to the shoreline, its walls already dissolving in the sea's sigh and caress.

On this margin, he organises the components of something he's never thought before. Right now, somewhere else, this is taking place. Not the quarrel on the dunes, but this moment by the water. Turtles have hatched, perhaps all over the planet, and maybe someone else is now standing in the shallows looking to a dark horizon, beyond which is him. This is his and this is theirs. Shared and separate. As the surf gently folds on itself, tectonic plates shift inside him, accommodating this contradiction. What he'll lose to make space, he doesn't yet know. He crouches, cool wet sand widening the gaps between his toes. A dome of stars above like a collection of broken cameras in the clutch of a mother's hands. When she's finished up on the dunes, he'll try telling her about this. If it translates. Until then he'll stay here, imagining all those little bodies swimming out on a moon-tide of white petals, diving deep down, while he's the only creature breathing.

The Demon Lover

Elizabeth Bowen

Towards the end of her day in London Mrs Drover went round to her shut-up house to look for several things she wanted to take away. Some belonged to herself, some to her family, who were by now used to their country life. It was late August; it had been a steamy, showery day. At the moment the trees down the pavement glittered in an escape of humid yellow afternoon sun. Against the next batch of clouds, already piling up ink-dark, broken chimneys and parapets stood out. In her once familiar street, as in any unused channel, an unfamiliar queerness had silted up; a cat wove itself in and out of railings, but no human eye watched Mrs Drover's return. Shifting some parcels under her arm, she slowly forced round her latchkey in an unwilling lock, then gave the door, which had warped, a push with her knee. Dead air came out to meet her as she went in.

The staircase window having been boarded up, no light came down into the hall. But one door, she could just see, stood ajar, so she went quickly through into the room and unshuttered the big window in there. Now the prosaic woman, looking about her, was more perplexed than she knew by everything that she saw, by traces of her long former habit of life – the yellow smoke stain up the white marble mantelpiece, the ring left by a vase on the top of the *escritoire*; the bruise in the wallpaper where, on the door being thrown open widely, the china handle had always hit the wall. The piano, having gone away to be stored, had left what looked like claw marks on its part of the parquet. Though not much dust had seeped in, each object wore a film of another kind; and, the only ventilation being the chimney, the whole drawing room smelled of the cold hearth. Mrs Drover put down her parcels on the *escritoire* and left the room to proceed upstairs; the things she wanted were in a bedroom chest.

She had been anxious to see how the house was – the part-time caretaker she shared with some neighbours was away this week on his holiday, known to be not yet back. At the best of times he did not look in often, and she was never sure that she trusted him. There were some cracks in the structure, left

by the last bombing, on which she was anxious to keep an eye. Not that one could do anything –

A shaft of refracted daylight now lay across the hall. She stopped dead and stared at the hall table – on this lay a letter addressed to her.

She thought first – then the caretaker *must* be back. All the same, who, seeing the house shuttered, would have dropped a letter in at the box? It was not a circular, it was not a bill. And the post office redirected, to the address in the country, everything for her that came through the post. The caretaker (even if he *were* back) did not know she was due in London today – her call here had been planned to be a surprise – so his negligence in the manner of this letter, leaving it to wait in the dust, annoyed her. Annoyed, she picked up the letter, which bore no stamp. But it cannot be important, or they would know ... She took the letter rapidly upstairs with her, without a stop to look at the writing till she let in light. The room looked over the garden and sharpened and lowered, the trees and rank lawns seemed already to smoke with dark. Her reluctance to look again at the letter came from the fact that she felt intruded upon – and by someone contemptuous of her ways. However, in the tenseness preceding the fall of rain she read it. It was a few lines.

Dear Kathleen: You will not have forgotten that today is our anniversary, and the day we said. The years have gone by at once slowly and fast. In view of the fact that nothing has changed, I shall rely upon you to keep your promise. I was sorry to see you leave London, but was satisfied that you would be back in time. You may expect me, therefore, at the hour arranged. Until then . . . K.

Mrs Drover looked for the date: it was today's. She dropped the letter on to the bedsprings, then picked it up to see the writing again – her lips, beneath the remains of lipstick, beginning to go white. She felt so much the change in her own face that she went to the mirror, polished a clear patch in it, and looked at once urgently and stealthily in. She was confronted by a woman of forty-four, with eyes starting out under a hat brim that had been rather carelessly pulled down. She had not put on any more powder since she left the shop where she ate her solitary tea. The pearls her husband had given her on their marriage hung loose round her now rather thinner throat, slipping in the V of the pink wool jumper her sister knitted last autumn as they sat round the fire. Mrs Drover's most normal expression was one of controlled worry but of assent. Since the birth of the third of her little boys, attended by a quite serious illness, she had had an intermittent muscular flicker to the left of her mouth, but in spite of this she could always sustain a manner that was at once energetic and calm.

Turning from her own face as precipitously as she had gone to meet it, she went to the chest where the things were, unlocked it, threw up the lid,

and knelt to search. But as rain began to come crashing down she could not keep from looking over her shoulder at the stripped bed on which the letter lay. Behind the blanket of rain the clock of the church that still stood struck six – with rapidly heightening apprehension she counted each of the slow strokes. “The hour arranged ... My God,” she said, “*what* hour? How should I ...? After twenty-five years ...”

The young girl talking to the soldier in the garden had not ever completely seen his face. It was dark; they were saying goodbye under a tree. Now and then – for it felt, from not seeing him at this intense moment, as though she had never seen him at all – she verified his presence for these few moments longer by putting out a hand, which he each time pressed, without very much kindness, and painfully, on to one of the breast buttons of his uniform. That cut of the button on the palm of her hand was, principally, what she was to carry away. This was so near the end of a leave from France that she could only wish him already gone. It was August 1916. Being not kissed, being drawn away from and looked at intimidated Kathleen till she imagined spectral glitters in the place of his eyes. Turning away and looking back up the lawn she saw, through branches of trees, the drawing-room window alight. She caught a breath for the moment when she could go running back there into the safe arms of her mother and sister, and cry: “What shall I do, what shall I do? He has gone.”

Hearing her catch her breath, her fiancé said, without feeling: “Cold?”

“You’re going away such a long way.”

“Not so far as you think.”

“I don’t understand?”

“You don’t have to,” he said. “You will. You know what we said.”

“But that was – suppose you – I mean, suppose.”

“I shall be with you,” he said, “sooner or later. You won’t forget that. You need do nothing but wait.”

Only a little more than a minute later she was free to run up the silent lawn. Looking in through the window at her mother and sister, who did not for the moment perceive her, she already felt that unnatural promise drive down between her and the rest of all humankind. No other way of having given herself could have made her feel so apart, lost and forsworn. She could not have plighted a more sinister troth.

Kathleen behaved well when, some months later, her fiancé was reported missing, presumed killed. Her family not only supported her but were able to praise her courage without stint because they could not regret, as a husband

for her, the man they knew almost nothing about. They hoped she would, in a year or two, console herself – and had it been only a question of consolation things might have gone much straighter ahead. But her trouble, behind just a little grief, was a complete dislocation from everything. She did not reject other lovers, for these failed to appear. For years, she failed to attract men – and with the approach of her thirties she became natural enough to share her family's anxiousness on the score. She began to put herself out, to wonder, and at thirty-two she was very greatly relieved to find herself being courted by William Drover. She married him, and the two of them settled down in the quiet, arboreal part of Kensington. In this house the years piled up, her children were born, and they all lived till they were driven out by the bombs of the next war. Her movements as Mrs Drover were circumscribed, and she dismissed any idea that they were still watched.

As things were – dead or living the letter writer sent her only a threat. Unable, for some minutes, to go on kneeling with her back exposed to the empty room, Mrs Drover rose from the chest to sit on an upright chair whose back was firmly against the wall. The desuetude of her former bedroom, her married London home's whole air of being a cracked cup from which memory, with its reassuring power, had either evaporated or leaked away, made a crisis – and at just this crisis the letter writer had, knowledgeably, struck. The hollowness of the house this evening cancelled years on years of voices, habits, and steps. Through the shut windows she only heard rain fall on the roofs around. To rally herself, she said she was in a mood – and for two or three seconds shutting her eyes, told herself that she had imagined the letter. But she opened them – there it lay on the bed.

On the supernatural side of the letter's entrance she was not permitting her mind to dwell. Who, in London, knew she meant to call at the house today? Evidently, however, that had been known. The caretaker, *had* he come back, had had no cause to expect her. He would have taken the letter in his pocket, to forward it, at his own time, through the post. There was no other sign that the caretaker had been in – but, if not? Letters dropped in at doors of deserted houses do not fly or walk to tables in halls. They do not sit on the dust of empty tables with the air of certainty that they will be found. There is needed some human hand – but nobody but the caretaker had a key. Under circumstances she did not care to consider, a house can be entered without a key. It was possible that she was not alone now. She might be being waited for, downstairs. Waited for – until when? Until 'the hour arranged'. At least that was not six o'clock: six has struck.

She rose from the chair and went over and locked the door.

The thing was, to get out. To fly? No, not that: she had to catch her train. As a woman whose utter dependability was the keystone of her family life, she was not willing to return to the country, to her husband, her little boys,

and her sister, without the objects she had come up to fetch. Resuming her work at the chest she set about making up a number of parcels in a rapid, fumbling-decisive way. These, with her shopping parcels, would be too much to carry; these meant a taxi – at the thought of the taxi her heart went up and her normal breathing resumed. I will ring up the taxi; the taxi cannot come too soon: I shall hear the taxi out there running its engine, till I walk calmly down to it through the hall. I'll ring up – But no: the telephone is cut off ... She tugged at a knot she had tied wrong.

The idea of flight ... He was never kind to me, not really. I don't remember him kind at all. Mother said he never considered me. He was set on me, that was what it was – not love. Not love, not meaning a person well. What did he do, to make me promise like that? I can't remember – But she found that she could.

She remembered with such dreadful acuteness that the twenty-five years since then dissolved like smoke and she instinctively looked for the weal left by the button on the palm of her hand. She remembered not only all that he said and did but the complete suspension of *her* existence during that August week. I was not myself – they all told me so at the time. She remembered – but with one white burning blank as where acid has dropped on a photograph: *under no conditions* could she remember his face.

So, wherever he may be waiting, I shall not know him. You have no time to run from a face you do not expect.

The thing was to get to the taxi before any clock struck what could be the hour. She would slip down the street and round the side of the square to where the square gave on the main road. She would return in the taxi, safe, to her own door, and bring the solid driver into the house with her to pick up the parcels from room to room. The idea of the taxi driver made her decisive, bold: she unlocked her door, went to the top of the staircase, and listened down.

She heard nothing – but while she was hearing nothing the *passé* air of the staircase was disturbed by a draught that travelled up to her face. It emanated from the basement: down where a door or window was being opened by someone who chose this moment to leave the house.

The rain had stopped; the pavements steamily shone as Mrs Drover let herself out by inches from her own front door into the empty street. The unoccupied houses opposite continued to meet her look with their damaged stare. Making towards the thoroughfare and the taxi, she tried not to keep looking behind. Indeed, the silence was so intense – one of those creeks of London silence exaggerated this summer by the damage of war – that no tread could have gained on hers unheard. Where her street debouched on the square where people went on living, she grew conscious of, and checked, her unnatural pace. Across the open end of the square, two buses impassively

passed each other: women, a perambulator, cyclists, a man wheeling a barrow signalized, once again, the ordinary flow of life. At the square's most populous corner should be – and was – the short taxi rank. This evening, only one taxi – but this, although it presented its blank rump, appeared already to be alertly waiting for her. Indeed, without looking round the driver started his engine as she panted up from behind and put her hand on the door. As she did so, the clock struck seven. The taxi faced the main road: to make the trip back to her house it would have to turn – she had settled back on the seat and the taxi *had* turned before she, surprised by its knowing movement, recollected that she had not 'said where'. She leaned forward to scratch at the glass panel that divided the driver's head from her own.

The driver braked to what was almost a stop, turned round, and slid the glass panel back. The jolt of this flung Mrs Drover forward till her face was almost into the glass. Through the aperture driver and passenger, not six inches between them, remained for an eternity eye to eye. Mrs Drover's mouth hung open for some seconds before she could issue her first scream. After that she continued to scream freely and to beat with her gloved hands on the glass all round as the taxi, accelerating without mercy, made off with her into the hinterland of deserted streets.

Nothing Rests

Frank Shovlin

First Lutheran Hall, Milena's Memorial Service. I take the children down to the jetty along the steep trail through the tall, whispering scots pines and the madrones trees clad in their vivid, fiery bark, offset against the deepening blues of the sky and the cold Pacific. Overhead, somewhere high in the pines, we can hear the cry of a bald eagle. The island is a paradise of birdlife, so many that are new to me: turkey vulture, Oregon junco, rufus-sided towhee, white-crowned sparrow. Among the pine needles yesterday I found what Jim was able to tell me was the feather of a flicker: orange, ochre, brown, beige, amber, changing with every angle as I turned it in the sun. In the woods all around the house I hear the flicker drumming. As the sun goes down, the air over the pond in the bottom field fills with cedar waxwings, flitting out of the junipers, zig-zagging low, sometimes dabbing the water, open-billed, slaking their thirst before gorging themselves on dragon and stoneflies, their striking black eyemasks dimming further into dusk with each passing minute.

Down at the rickety, wooden pier the tide is on its way in. Walking to the end, we look down into the water over the left side and see, as our eyes get used to peering through shallow rippling sea, at first one or two, but then quickly dozens of crabs, each about the size of an adolescent hand, scuttling across the sandy bottom. Their large central shells are themselves the colour of sand, with their legs and claws pinkish, fleshlike. Over and back, over and back, busy at who knows what, enjoying the new life brought by the coming tide. On the shoreline the crows feast on smaller crabs, no bigger than a thumbnail. As we walk east along the shingly, near-deserted beach, I see in the distance three little boys who, as we approach them, are playing war with water pistols. One boy, who stands up behind the grey wooden fence that surrounds his beach house, has a longer weapon – it's a pump-action shotgun and he's loving its range, soaking his pals and their near-worthless sidearms.

We return from the beach and the playground where, while pushing the children in turn on the swing, I check my watch every couple of minutes like a man on an airport travelator. For a long time it seems to be 11.25 so

I keep pushing; up and down, up and down. “Higher Daddy. Higher” – my five-year-old daughter has lost her fear at last though her little legs still dangle dangerously high above the skidmarked dirt below. We get back to the Hall, up the hill, through what my son calls the secret passage, in time for the butterfly release on the large back balcony overlooking the trees and the bay. The children abandon me immediately to join their cousin Rebekah by the far end of the balcony, near the doors. She’s dressed in dark clothes, much more formal than when she arrived at the house the evening before when she wore a turquoise T-shirt with a white mermaid on it along with tiny denim shorts over a fragile, pale frame. On her backpack was a badge that looked like some gaudy leftover of the failed Hillary Clinton campaign, reading ‘I am socially anxious.’ I assumed it was a knowing joke but knew by bedtime that it wasn’t. Her arms are heavily tattooed – on her back is visible one especially extravagant, foot-long image of a greenish giraffe and I wonder, again, if the faulty, washed-out colour is deliberate or accidental, another code unknown to me.

My brother-in-law Bill hands me a white, triangular cardboard box the size of a credit card halved diagonally. ‘Caution – Live butterfly inside’ reads the bold writing on the top surface, ‘To open, gently lift side tabs and pull.’ The box is supplied by Swallowtail Farms and is protected under United States copyright laws. I lean against the top of the bannister and open the box. Almost immediately what looks to me like a tortoiseshell butterfly – or some North American subspecies – opens its wings, closes them again to vertical, and reopens. The little creature feels now the light summer breeze blowing across its closed wings before opening into a gorgeous fan, mottled reddish-orange in colour, with a ring of blue spots around the edges. My brother-in-law and I remain resolutely silent, intent on the insects’ next move, fearful there will be none, until, rapidly, one after the other, they take flight, clumsily beating their wings through the Pacific July air. Bill, who works for the government, admits his relief: “That was always going to be a gamble. Not one I’d have chosen to take.”

Ed sidles over, it’s five or six years since I’ve seen him last and he has left behind his boyish, runner’s frame, bulking up, now a man. He’s just back from the Alaskan salmon season and I ask him how it went. “My fourth season and my best. Caught 230,000 pounds of sockeye. Had a couple of real good days. Kept haulin em in, brought em back to the tenders, then straight back to fishin. Eighteen, twenty hour days. Often didn’t know night from day. Started to tail away in the last two weeks. Not worth it any more once we go under a thousand pounds a day.” In the 16 years I’ve been meeting Ed on and off, this is by far the most I’ve ever heard him say in one bite and I’m pleased.

The early morning back in February that my wife’s phone pinged and we got news of Milena’s death, I hoped most that she had not been murdered.

Suicide came – to me at least – as a sort of relief, albeit empty and lonesome. She had run with a rough crowd, ditched normal life, worked dive bars. She went missing occasionally: when I thought about her at all – which wasn't often – I assumed she'd pull through and figure a way out of whatever it was that was bothering her. Most girls go through some version of it, I think. Then one day she bought herself a pink gun (who knew?), booked into an Oregon hotel and ended it all. I was curious to see the books she left behind as we sorted through them with her heartbroken father the day before – beside her bed it looked like the final one she was reading was *The Last Tycoon*, not the sort of novel that makes you want to die. I'd have liked to take it home but another of her cousins got first dibs. I waited my turn – last – and stole away to the guest bedroom with her little book of Hermetic Philosophy, *The Kybalion*, 223 pages of trying to put some shape on the world.

Flicking through, I found it highlighted in yellow marker twice. There was a section in the chapter titled 'Mental Gender': "The trouble is that the average person dwells almost together in his 'Me' consciousness, and does not realize that he has such a thing as an 'I'. He is polarized in his Feminine Principle." I hadn't the slightest idea what that meant, though it had made enough of an impression on someone – presumably Milena – to mark it out. Her one other highlight stuck in my head like a rhyme and had been circling there all morning as I got the children ready for the memorial service, knowing I'd have to play a very unruffled hand of cards not to let the eight year old figure out what had really happened to his cousin. "Nothing rests; everything moves; everything vibrates." "Nothing rests; everything moves; everything vibrates." "Nothing rests; everything moves; everything vibrates." I wish Milena had taken it more to heart.

In the overpriced suburban Seattle supermarket I had watched a little girl gazing into a tank of Dungeness crab and lobster. She looked worried and said to her father in a panicky voice that the creatures were escaping. Taking her by the hand, he replied in a warm, Daddy voice, hunkering down to her level and pointing at the tank filled with its slow, ugly cargo, all hard shell and jagged claw: "There's a difference between escaping and trying to escape."

The Last Question

Isaac Asimov

The last question was asked for the first time, half in jest, on May 21, 2061, at a time when humanity first stepped into the light. The question came about as a result of a five-dollar bet over highballs, and it happened this way:

Alexander Adell and Bertram Lupov were two of the faithful attendants of Multivac. As well as any human beings could, they knew what lay behind the cold, clicking, flashing face—miles and miles of face—of that giant computer. They had at least a vague notion of the general plan of relays and circuits that had long since grown past the point where any single human could possibly have a firm grasp of the whole.

Multivac was self-adjusting and self-correcting. It had to be, for nothing human could adjust and correct it quickly enough or even adequately enough—so Adell and Lupov attended the monstrous giant only lightly and superficially, yet as well as any men could. They fed it data, adjusted questions to its needs and translated the answers that were issued. Certainly they, and all others like them, were fully entitled to share in the glory that was Multivac's.

For decades, Multivac had helped design the ships and plot the trajectories that enabled man to reach the Moon, Mars, and Venus, but past that, Earth's poor resources could not support the ships. Too much energy was needed for the long trips. Earth exploited its coal and uranium with increasing efficiency, but there was only so much of both.

But slowly Multivac learned enough to answer deeper questions more fundamentally, and on May 14, 2061, what had been theory, became fact.

The energy of the sun was stored, converted, and utilized directly on a planet-wide scale. All Earth turned off its burning coal, its fissioning uranium, and flipped the switch that connected all of it to a small station, one mile in diameter, circling the Earth at half the distance of the Moon. All Earth ran by invisible beams of sunpower.

Seven days had not sufficed to dim the glory of it and Adell and Lupov finally managed to escape from the public function, and to meet in quiet where no one would think of looking for them, in the deserted underground

chambers, where portions of the mighty buried body of Multivac showed. Unattended, idling, sorting data with contented lazy clickings, Multivac, too, had earned its vacation and the boys appreciated that. They had no intention, originally, of disturbing it.

They had brought a bottle with them, and their only concern at the moment was to relax in the company of each other and the bottle.

"It's amazing when you think of it," said Adell. His broad face had lines of weariness in it, and he stirred his drink slowly with a glass rod, watching the cubes of ice slur clumsily about. "All the energy we can possibly ever use for free. Enough energy, if we wanted to draw on it, to melt all Earth into a big drop of impure liquid iron, and still never miss the energy so used. All the energy we could ever use, forever and forever and forever."

Lupov cocked his head sideways. He had a trick of doing that when he wanted to be contrary, and he wanted to be contrary now, partly because he had had to carry the ice and glassware. "Not forever," he said.

"Oh, hell, just about forever. Till the sun runs down, Bert."

"That's not forever."

"All right, then. Billions and billions of years. Twenty billion, maybe. Are you satisfied?"

Lupov put his fingers through his thinning hair as though to reassure himself that some was still left and sipped gently at his own drink. "Twenty billion years isn't forever."

"Well, it will last our time, won't it?"

"So would the coal and uranium."

"All right, but now we can hook up each individual spaceship to the Solar Station, and it can go to Pluto and back a million times without ever worrying about fuel. You can't do THAT on coal and uranium. Ask Multivac, if you don't believe me."

"I don't have to ask Multivac. I know that."

"Then stop running down what Multivac's done for us," said Adell, blazing up. "It did all right."

"Who says it didn't? What I say is that a sun won't last forever. That's all I'm saying. We're safe for twenty billion years, but then what?" Lupov pointed a slightly shaky finger at the other. "And don't say we'll switch to another sun."

There was silence for a while. Adell put his glass to his lips only occasionally, and Lupov's eyes slowly closed. They rested.

Then Lupov's eyes snapped open. "You're thinking we'll switch to another sun when ours is done, aren't you?"

"I'm not thinking."

"Sure you are. You're weak on logic, that's the trouble with you. You're like the guy in the story who was caught in a sudden shower and who

ran to a grove of trees and got under one. He wasn't worried, you see, because he figured when one tree got wet through, he would just get under another one."

"I get it," said Adell. "Don't shout. When the sun is done, the other stars will be gone, too."

"Darn right they will," muttered Lupov. "It all had a beginning in the original cosmic explosion, whatever that was, and it'll all have an end when all the stars run down. Some run down faster than others. Hell, the giants won't last a hundred million years. The sun will last twenty billion years and maybe the dwarfs will last a hundred billion for all the good they are. But just give us a trillion years and everything will be dark. Entropy has to increase to maximum, that's all."

"I know all about entropy," said Adell, standing on his dignity.

"The hell you do."

"I know as much as you do."

"Then you know everything's got to run down someday."

"All right. Who says they won't?"

"You did, you poor sap. You said we had all the energy we needed, forever. You said 'forever.'"

It was Adell's turn to be contrary. "Maybe we can build things up again someday," he said.

"Never."

"Why not? Someday."

"Never."

"Ask Multivac."

"*You* ask Multivac. I dare you. Five dollars says it can't be done."

Adell was just drunk enough to try, just sober enough to be able to phrase the necessary symbols and operations into a question which, in words, might have corresponded to this: Will mankind one day without the net expenditure of energy be able to restore the sun to its full youthfulness even after it had died of old age?

Or maybe it could be put more simply like this: How can the net amount of entropy of the universe be massively decreased?

Multivac fell dead and silent. The slow flashing of lights ceased, the distant sounds of clicking relays ended.

Then, just as the frightened technicians felt they could hold their breath no longer, there was a sudden springing to life of the teletype attached to that portion of Multivac. Five words were printed: INSUFFICIENT DATA FOR MEANINGFUL ANSWER.

"No bet," whispered Lupov. They left hurriedly.

By next morning, the two, plagued with throbbing head and cottony mouth, had forgotten about the incident.



Jerrodd, Jerrodine, and Jerrodette I and II watched the starry picture in the visiplat change as the passage through hyperspace was completed in its non-time lapse. At once, the even powdering of stars gave way to the predominance of a single bright marble-disk, centered.

"That's X-23," said Jerrodd confidently. His thin hands clamped tightly behind his back and the knuckles whitened.

The little Jerrodettes, both girls, had experienced the hyperspace passage for the first time in their lives and were self-conscious over the momentary sensation of inside-outness. They buried their giggles and chased one another wildly about their mother, screaming, "We've reached X-23—we've reached X-23—we've —"

"Quiet, children," said Jerrodine sharply. "Are you sure, Jerrodd?"

"What is there to be but sure?" asked Jerrodd, glancing up at the bulge of featureless metal just under the ceiling. It ran the length of the room, disappearing through the wall at either end. It was as long as the ship.

Jerrodd scarcely knew a thing about the thick rod of metal except that it was called a Microvac, that one asked it questions if one wished; that if one did not it still had its task of guiding the ship to a preordered destination; of feeding on energies from the various Sub-galactic Power Stations; of computing the equations for the hyperspatial jumps.

Jerrodd and his family had only to wait and live in the comfortable residence quarters of the ship.

Someone had once told Jerrodd that the "ac" at the end of "Microvac" stood for "analog computer" in ancient English, but he was on the edge of forgetting even that.

Jerrodine's eyes were moist as she watched the visiplat. "I can't help it. I feel funny about leaving Earth."

"Why for Pete's sake?" demanded Jerrodd. "We had nothing there. We'll have everything on X-23. You won't be alone. You won't be a pioneer. There are over a million people on the planet already. Good Lord, our great grandchildren will be looking for new worlds because X-23 will be overcrowded."

Then, after a reflective pause, "I tell you, it's a lucky thing the computers worked out interstellar travel the way the race is growing."

"I know, I know," said Jerrodine miserably.

Jerrodette I said promptly, "Our Microvac is the best Microvac in the world."

"I think so, too," said Jerrodd, tousling her hair.

It *was* a nice feeling to have a Microvac of your own and Jerrodd was glad he was part of his generation and no other. In his father's youth, the only computers

had been tremendous machines taking up a hundred square miles of land. There was only one to a planet. Planetary ACs they were called. They had been growing in size steadily for a thousand years and then, all at once, came refinement. In place of transistors had come molecular valves so that even the largest Planetary AC could be put into a space only half the volume of a spaceship.

Jerrodd felt uplifted, as he always did when he thought that his own personal Microvac was many times more complicated than the ancient and primitive Multivac that had first tamed the Sun, and almost as complicated as Earth's Planetary AC (the largest) that had first solved the problem of hyperspatial travel and had made trips to the stars possible.

"So many stars, so many planets," sighed Jerrodine, busy with her own thoughts. "I suppose families will be going out to new planets forever, the way we are now."

"Not forever," said Jerrodd, with a smile. "It will all stop someday, but not for billions of years. Many billions. Even the stars run down, you know. Entropy must increase."

"What's entropy, daddy?" shrilled Jerrodette II.

"Entropy, little sweet, is just a word which means the amount of running-down of the universe. Everything runs down, you know, like your little walkie-talkie robot, remember?"

"Can't you just put in a new power-unit, like with my robot?"

The stars *are* the power-units, dear. Once they're gone, there are no more power-units."

Jerrodette I at once set up a howl. "Don't let them, daddy. Don't let the stars run down."

"Now look what you've done, " whispered Jerrodine, exasperated.

"How was I to know it would frighten them?" Jerrodd whispered back.

"Ask the Microvac," wailed Jerrodette I. "Ask him how to turn the stars on again."

"Go ahead," said Jerrodine. "It will quiet them down." (Jerrodette II was beginning to cry, also.)

Jerrodd shrugged. "Now, now, honeys. I'll ask Microvac. Don't worry, he'll tell us."

He asked the Microvac, adding quickly, "Print the answer."

Jerrodd cupped the strip of thin celluloid and said cheerfully, "See now, the Microvac says it will take care of everything when the time comes so don't worry."

Jerrodine said, "And now children, it's time for bed. We'll be in our new home soon."

Jerrodd read the words on the celluloid again before destroying it: INSUFFICIENT DATA FOR A MEANINGFUL ANSWER.

He shrugged and looked at the visiplate. X-23 was just ahead.



VJ-23X of Lameth stared into the black depths of the three-dimensional, small-scale map of the Galaxy and said, "Are we ridiculous, I wonder, in being so concerned about the matter?"

MQ-17J of Nicron shook his head. "I think not. You know the Galaxy will be filled in five years at the present rate of expansion."

Both seemed in their early twenties, both were tall and perfectly formed.

"Still," said VJ-23X, "I hesitate to submit a pessimistic report to the Galactic Council."

"I wouldn't consider any other kind of report. Stir them up a bit. We've got to stir them up."

VJ-23X sighed. "Space is infinite. A hundred billion Galaxies are there for the taking. More."

"A hundred billion is *not* infinite and it's getting less infinite all the time. Consider! Twenty thousand years ago, mankind first solved the problem of utilizing stellar energy, and a few centuries later, interstellar travel became possible. It took mankind a million years to fill one small world and then only fifteen thousand years to fill the rest of the Galaxy. Now the population doubles every ten years—"

VJ-23X interrupted. "We can thank immortality for that."

"Very well. Immortality exists and we have to take it into account. I admit it has its seamy side, this immortality. The Galactic AC has solved many problems for us, but in solving the problems of preventing old age and death, it has undone all its other solutions."

"Yet you wouldn't want to abandon life, I suppose."

"Not at all," snapped MQ-17J, softening it at once to, "Not yet. I'm by no means old enough. How old are you?"

"Two hundred twenty-three. And you?"

"I'm still under two hundred. —But to get back to my point. Population doubles every ten years. Once this Galaxy is filled, we'll have another filled in ten years. Another ten years and we'll have filled two more. Another decade, four more. In a hundred years, we'll have filled a thousand Galaxies. In a thousand years, a million Galaxies. In ten thousand years, the entire known Universe. Then what?"

VJ-23X said, "As a side issue, there's a problem of transportation. I wonder how many sunpower units it will take to move Galaxies of individuals from one Galaxy to the next."

"A very good point. Already, mankind consumes two sunpower units per year."

"Most of it's wasted. After all, our own Galaxy alone pours out a thousand sunpower units a year and we only use two of those."

"Granted, but even with a hundred per cent efficiency, we can only stave off the end. Our energy requirements are going up in geometric progression even faster than our population. We'll run out of energy even sooner than we run out of Galaxies. A good point. A very good point."

"We'll just have to build new stars out of interstellar gas."

"Or out of dissipated heat?" asked MQ-17J, sarcastically.

"There may be some way to reverse entropy. We ought to ask the Galactic AC."

VJ-23X was not really serious, but MQ-17J pulled out his AC-contact from his pocket and placed it on the table before him.

"I've half a mind to," he said. "It's something the human race will have to face someday."

He stared somberly at his small AC-contact. It was only two inches cubed and nothing in itself, but it was connected through hyperspace with the great Galactic AC that served all mankind. Hyperspace considered, it was an integral part of the Galactic AC.

MQ-17J paused to wonder if someday in his immortal life he would get to see the Galactic AC. It was on a little world of its own, a spider webbing of force-beams holding the matter within which surges of sub-mesons took the place of the old clumsy molecular valves. Yet despite its sub-etheric workings, the Galactic AC was known to be a full thousand feet across.

MQ-17J asked suddenly of his AC-contact, "Can entropy ever be reversed?"

VJ-23X looked startled and said at once, "Oh, say, I didn't really mean to have you ask that."

"Why not?"

"We both know entropy can't be reversed. You can't turn smoke and ash back into a tree."

"Do you have trees on your world?" asked MQ-17J.

The sound of the Galactic AC startled them into silence. Its voice came thin and beautiful out of the small AC-contact on the desk. It said: THERE IS INSUFFICIENT DATA FOR A MEANINGFUL ANSWER.

VJ-23X said, "See!"

The two men thereupon returned to the question of the report they were to make to the Galactic Council.

Zee Prime's mind spanned the new Galaxy with a faint interest in the countless twists of stars that powdered it. He had never seen this one before. Would he ever see them all? So many of them, each with its load of humanity—but a load that was almost a dead weight. More and more, the real essence of men was to be found out here, in space.

Minds, not bodies! The immortal bodies remained back on the planets, in suspension over the eons. Sometimes they roused for material activity but that was growing rarer. Few new individuals were coming into existence to join the incredibly mighty throng, but what matter? There was little room in the Universe for new individuals.

Zee Prime was roused out of his reverie upon coming across the wispy tendrils of another mind.

"I am Zee Prime," said Zee Prime. "And you?"

"I am Dee Sub Wun. Your Galaxy?"

"We call it only the Galaxy. And you?"

"We call ours the same. All men call their Galaxy their Galaxy and nothing more. Why not?"

"True. Since all Galaxies are the same."

"Not all Galaxies. On one particular Galaxy the race of man must have originated. That makes it different."

Zee Prime said, "On which one?"

"I cannot say. The Universal AC would know."

"Shall we ask him? I am suddenly curious."

Zee Prime's perceptions broadened until the Galaxies themselves shrunk and became a new, more diffuse powdering on a much larger background. So many hundreds of billions of them, all with their immortal beings, all carrying their load of intelligences with minds that drifted freely through space. And yet one of them was unique among them all in being the original Galaxy. One of them had, in its vague and distant past, a period when it was the only Galaxy populated by man.

Zee Prime was consumed with curiosity to see this Galaxy and called out: "Universal AC! On which Galaxy did mankind originate?"

The Universal AC heard, for on every world and throughout space it had its receptors ready, and each receptor led through hyperspace to some unknown point where the Universal AC kept itself aloof.

Zee Prime knew of only one man whose thoughts had penetrated within sensing distance of Universal AC, and he reported only a shining globe, two feet across, difficult to see.

"But how can that be all of Universal AC?" Zee Prime had asked.

"Most of it, " had been the answer, "is in hyperspace. In what form it is there I cannot imagine."

Nor could anyone, for the day had long since passed, Zee Prime knew, when any man had any part of the making of a Universal AC. Each Universal AC designed and constructed its successor. Each, during its existence of a million years or more, accumulated the necessary data to build a better and more intricate, more capable successor in which its own store of data and individuality would be submerged.

The Universal AC interrupted Zee Prime's wandering thoughts, not with words, but with guidance. Zee Prime's mentality was guided into the dim sea of Galaxies and one in particular enlarged into stars.

A thought came, infinitely distant, but infinitely clear. "THIS IS THE ORIGINAL GALAXY OF MAN."

But it was the same after all, the same as any other, and Zee Prime stifled his disappointment.

Dee Sub Wun, whose mind had accompanied the other, said suddenly, "And is one of these stars the original star of Man?"

The Universal AC said, "MAN'S ORIGINAL STAR HAS GONE NOVA. IT IS NOW A WHITE DWARF."

"Did the men upon it die?" asked Zee Prime, startled and without thinking.

The Universal AC said, "A NEW WORLD, AS IN SUCH CASES, WAS CONSTRUCTED FOR THEIR PHYSICAL BODIES IN TIME."

"Yes, of course," said Zee Prime, but a sense of loss overwhelmed him even so. His mind released its hold on the original Galaxy of Man, let it spring back and lose itself among the blurred pinpoints. He never wanted to see it again.

Dee Sub Wun said, "What is wrong?"

"The stars are dying. The original star is dead."

"They must all die. Why not?"

"But when all energy is gone, our bodies will finally die, and you and I with them."

"It will take billions of years."

"I do not wish it to happen even after billions of years. Universal AC! How may stars be kept from dying?"

Dee Sub Wun said in amusement, "You're asking how entropy might be reversed in direction."

And the Universal AC answered. "THERE IS AS YET INSUFFICIENT DATA FOR A MEANINGFUL ANSWER."

Zee Prime's thoughts fled back to his own Galaxy. He gave no further thought to Dee Sub Wun, whose body might be waiting on a galaxy a trillion light years away, or on the star next to Zee Prime's own. It didn't matter.

Unhappily, Zee Prime began collecting interstellar hydrogen out of which to build a small star of his own. If the stars must someday die, at least some could yet be built.

Man considered with himself, for in a way, Man, mentally, was one. He consisted of a trillion, trillion, trillion ageless bodies, each in its place, each resting quiet and incorruptible, each cared for by perfect automatons, equally

incorruptible, while the minds of all the bodies freely melted one into the other, indistinguishable.

Man said, "The Universe is dying."

Man looked about at the dimming Galaxies. The giant stars, spendthrifts, were gone long ago, back in the dimmest of the dim far past. Almost all stars were white dwarfs, fading to the end.

New stars had been built of the dust between the stars, some by natural processes, some by Man himself, and those were going, too. White dwarfs might yet be crashed together and of the mighty forces so released, new stars built, but only one star for every thousand white dwarfs destroyed, and those would come to an end, too.

Man said, "Carefully husbanded, as directed by the Cosmic AC, the energy that is even yet left in all the Universe will last for billions of years."

"But even so," said Man, "eventually it will all come to an end. However it may be husbanded, however stretched out, the energy once expended is gone and cannot be restored. Entropy must increase to the maximum."

Man said, "Can entropy not be reversed? Let us ask the Cosmic AC."

The Cosmic AC surrounded them but not in space. Not a fragment of it was in space. It was in hyperspace and made of something that was neither matter nor energy. The question of its size and nature no longer had meaning in any terms that Man could comprehend.

"Cosmic AC," said Man, "How may entropy be reversed?"

The Cosmic AC said, "THERE IS AS YET INSUFFICIENT DATA FOR A MEANINGFUL ANSWER."

Man said, "Collect additional data."

The Cosmic AC said, "I WILL DO SO. I HAVE BEEN DOING SO FOR A HUNDRED BILLION YEARS. MY PREDECESSORS AND I HAVE BEEN ASKED THIS QUESTION MANY TIMES. ALL THE DATA I HAVE REMAINS INSUFFICIENT."

"Will there come a time," said Man, "when data will be sufficient or is the problem insoluble in all conceivable circumstances?"

The Cosmic AC said, "NO PROBLEM IS INSOLUBLE IN ALL CONCEIVABLE CIRCUMSTANCES."

Man said, "When will you have enough data to answer the question?"

"THERE IS AS YET INSUFFICIENT DATA FOR A MEANINGFUL ANSWER."

"Will you keep working on it?" asked Man.

The Cosmic AC said, "I WILL."

Man said, "We shall wait."

The stars and Galaxies died and snuffed out, and space grew black after ten trillion years of running down.

One by one Man fused with AC, each physical body losing its mental identity in a manner that was somehow not a loss but a gain.

Man's last mind paused before fusion, looking over a space that included nothing but the dregs of one last dark star and nothing besides but incredibly thin matter, agitated randomly by the tag ends of heat wearing out, asymptotically, to the absolute zero.

Man said, "AC, is this the end? Can this chaos not be reversed into the Universe once more? Can that not be done?"

AC said, "THERE IS AS YET INSUFFICIENT DATA FOR A MEANINGFUL ANSWER."

Man's last mind fused and only AC existed—and that in hyperspace.

Matter and energy had ended and with it, space and time. Even AC existed only for the sake of the one last question that it had never answered from the time a half-drunken computer technician ten trillion years before had asked the question of a computer that was to AC far less than was a man to Man.

All other questions had been answered, and until this last question was answered also, AC might not release his consciousness.

All collected data had come to a final end. Nothing was left to be collected.

But all collected data had yet to be completely correlated and put together in all possible relationships.

A timeless interval was spent in doing that.

And it came to pass that AC learned how to reverse the direction of entropy.

But there was now no man to whom AC might give the answer to the last question. No matter. The answer—by demonstration—would take care of that, too.

For another timeless interval, AC thought how best to do this. Carefully, AC organized the program.

The consciousness of AC encompassed all of what had once been a Universe and brooded over what was now Chaos. Step by step, it must be done.

And AC said, "LET THERE BE LIGHT!"

And there was light—

