

TRAPALANDA

by Charles Sheffield

John Kenyon Martindale seldom did things the usual way. Until a first-class return air ticket and a check for \$10,000 arrived at my home in Lausanne I did not know he existed. The enclosed note said only: "For consulting services of Klaus Jacobi in New York, June 6th-7th." It was typed on his letterhead and initialed, JKM. The check was drawn on the Riggs Bank of Washington, D.C. The tickets were for Geneva-New York on June 5th, with an open return.

I did not need work. I did not need money. I had no particular interest in New York, and a transatlantic telephone call to John Kenyon Martindale revealed only that he was out of town until June 5th. Why would I bother with him? It is easy to forget what killed the cat.

The limousine that met me at Kennedy Airport drove to a stone mansion on the East River, with a garden that went right down to the water's edge. An old woman with the nose, chin, and hairy moles of a storybook witch opened the door. She took me upstairs to the fourth floor, while my baggage disappeared under the house with the limousine. The mansion was amazingly quiet. The elevator made no noise at all, and when we stepped out of it the deeply carpeted floors of the corridor were matched by walls thick with oriental tapestries. I was not used to so much silence. When I was ushered into a long, shadowed conservatory filled with flowering plants and found myself in the presence of a man and woman, I wanted to shout. Instead I stared.

Shirley Martindale was a brunette, with black hair, thick eyebrows, and a flawless, creamy skin. She was no more than five feet three, but full-figured and strongly built. In normal company she would have been a center of attention; with John Kenyon Martindale present, she was ignored.

He was of medium height and slender build, with a wide, smiling mouth. His hair was thin and wheat-colored, combed straight back from his face. Any other expression he might have had was invisible. From an inch below his eyes to two inches above them, a flat, black shield extended across his whole face. Within that curved strip of darkness colored shadows moved, little darting points and glints of light that flared red and green and electric blue. They were hypnotic, moving in patterns that could be followed but never quite predicted, and they drew and held the attention. They were so striking that it took me a few moments to realize that John Kenyon Martindale must be blind.

He did not act like a person without sight. When I came into the room he at once came forward and confidently shook my hand. His grip was firm, and surprisingly strong for so slight a man.

"A long trip," he said, when the introductions were complete. "May I offer a little refreshment?"

Although the witch was still standing in the room, waiting, he mixed the drinks himself, cracking ice, selecting bottles, and pouring the correct measures slowly but without error. When he handed a glass to me and smilingly said "There! How's that?" I glanced at Shirley Martindale and replied, "It's fine; but before we start the toasts I'd like to learn what we are toasting. Why am I here?"

"No messing about, eh? You are very direct. Very Swiss-even though you are not one." He turned his head to his wife, and the little lights twinkled behind the black mask. "What did I tell you, Shirley? This is the man." And then to me. "You are here to make a million dollars. Is that enough reason?"

"No. Mr. Martindale, it is not. It was not money that brought me here. I have enough money."

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"Then perhaps you are here to become a Swiss citizen. Is that a better offer?"

"Yes. If you can pay in advance." Already I had an idea what John Martindale wanted of me. I am not psychic, but I can read and see. The inner wall of the conservatory was papered with maps of South America.

"Let us say, I will pay half in advance. You will receive five hundred thousand dollars in your account before we leave.

The remainder, and the Swiss citizenship papers, will be waiting when we return from Patagonia."

"We? Who are 'we'?"

"You and I. Other guides if you need them. We will be going through difficult country, though I understand that you know it better than anyone."

I looked at Shirley Martindale, and she shook her head decisively. "Not me, Klaus. Not for one million dollars, not for ten million dollars. This is all John's baby."

"Then my answer must be no." I sipped the best pisco sour I had tasted since I was last in Peru, and wondered where he had learned the technique. "Mr. Martindale, I retired four years ago

to Switzerland. Since then I have not set foot in Argentina, even though I still carry those citizenship papers. If you want someone to lead you through the echter Rand of Patagonia, there must now be a dozen others more qualified than I. But that is beside the point. Even when I was in my best condition, even when I was so young and cocky that I thought nothing could kill me or touch me-even then I would have refused to lead a blind man to the high places that you display on your walls. With your wife's presence and her assistance to you for personal matters, it might barely be possible. Without her-have you any idea at all what conditions are like there?"

"Better than most people." He leaned forward. "Mr. Jacobi, let us perform a little test. Take something from your pocket, and hold it up in front of you. Something that should be completely unfamiliar to me." I hate games, and this smacked of one; but there was something infinitely persuasive about that thin, smiling man. What did I have in my pocket? I reached in, felt my wallet, and slipped out a photograph. I did not look at it, and I was not sure myself what I had selected. I held it between thumb and forefinger, a few feet away from Martindale's intent face.

"Hold it very steady," he said. Then, while the points of light twinkled and shivered, "It is a picture, a photograph of

a woman. It is your assistant, Helga Korein. Correct?" I turned it to me. It was a portrait of Helga, smiling into the camera. "You apparently know far more about me than I know of you. However, you are not quite correct. It is a picture of my wife, Helga Jacobi. I married her four years ago, when I retired. You are not blind?"

"Legally, I am completely blind and have been since my twenty-second year, when I was foolish enough to drive a racing car into a retaining wall." Martindale tapped the black shield. "Without this, I can see nothing. With it, I am neither blind nor seeing. I receive charge-coupled diode inputs directly to my optic nerves, and I interpret them. I

see neither at the wavelengths nor with the resolution provided by the human eye, nor is what I reconstruct anything like the images that I remember from the time before I became blind; but I see. On another occasion I will be happy to tell you all that I know about the technology. What you need to know tonight is that I will be able to pull my own weight on any journey. I can give you that assurance. And now I ask again: will you do it?" It was, of course, curiosity that killed the cat. Martindale had given me almost no information as to where he wanted to go, or when, or why. But something was driving John Martindale, and I wanted to hear what it was.

I nodded my head, convinced now that

he would see my movement. "We certainly need to talk in detail; but for the moment let us use that fine old legal phrase, and say there is agreement in principle." There is agreement in principle. With that sentence, I destroyed my life. Shirley Martindale came to my room that night. I was not surprised. John Martindale's surrogate vision was a miracle of technology, but it had certain limitations. The device could not resolve the fleeting look in a woman's eye, or the millimeter jut to a lower lip. I had caught the signal in the first minute. We did not speak until it was done and we were lying side by side in my bed. I knew it was not finished. She had not relaxed against me. I waited. "There is

more than he told you," she said at last. I nodded. "There is always more. But he was quite right about that place. I have felt it myself, many times."

As South America narrows from the great equatorial swell of the Amazon Basin, the land becomes colder and more broken. The great spine of the Andean cordillera loses height as one travels south. Ranges that tower to twenty-three thousand feet in the tropics dwindle to a modest twelve thousand. The land is shared between Argentina and Chile, and along their border, beginning with the chill depths of Lago Buenos Aires (sixty miles long, ten miles wide; bigger than anything in Switzerland), a great chain of mountain

lakes straddles the frontier, all the way south to Tierra del Fuego and the flowering Chilean city of Punta Arenas.

For fourteen years, the Argentina-Chile borderland between latitude 46 and 50 South had been my home, roughly from Lago Buenos Aires to Lago Argentina. It had become closer to me than any human, closer even than Helga. The east side of the Andes in this region is a bitter, parched desert, where gale-force winds blow incessantly three hundred and sixty days of the year. They come from the snowbound slopes of the mountains, freezing whatever they touch. I knew the country and I loved it, but Helga had persuaded me that it was not a land to which a man could retire. The

buffeting wind was an endless drain, too much for old blood. Better, she said, to leave in early middle age, when a life elsewhere could still be shaped.

When the time came for us to board the aircraft that would take me away to Buenos Aires and then to Europe, I wanted to throw away my ticket. I am not a sentimental man, but only Helga's presence allowed me to leave the Kingdom of the Winds.

Now John Martindale was tempting me to return there, with more than money. At one end of his conservatory-study stood a massive globe, about six feet across. Presumably it dated from the time before he had acquired his artificial eyes, because it differed from all other

globes I had ever seen in one important respect; namely, it was a relief globe. Oceans were all smooth surface, while mountain ranges of the world stood out from the surface of the flattened sphere. The degree of relief had been exaggerated, but everything was in proportion. Himalayan and Karakoram ranges projected a few tenths of an inch more than the Rockies and the Andes, and they in turn were a little higher than the Alps or the volcanic ranges of Indonesia.

When my drink was finished Martindale had walked me across to that globe. He ran his finger down the backbone of the Americas, following the continuous mountain chains from their

beginning in Alaska, through the American Rockies, through Central America, and on to the rising Andes and northern Chile. When he finally came to Patagonia his fingers slowed and stopped.

"Here," he said. "It begins here."

His fingertip was resting on an area very familiar to me. It was right on the Argentina-Chile border, with another of the cold mountain lakes at the center of it. I knew the lake as Lago Pueyrredon, but as usual with bodies of water that straddle the border there was a different name-Lago Cochrane-in use on the Chilean side. The little town of Paso Roballo, where I had spent a dozen nights in a dozen years, lay just to the

northeast.

If I closed my eyes I could see the whole landscape that lay beneath his finger. To the east it was dry and dusty, sustaining only thornbush and tough grasses on the dark surface of old volcanic flows; westward were the tall flowering grasses and the thicketed forests of redwood, cypress, and Antarctic beech. Even in the springtime of late November there would be snow on the higher ground, with snow-fed lake waters lying black as jet under a Prussian-blue sky.

I could see all this, but it seemed impossible that John Martindale could do so. His blind skull must hold a different vision.

"What begins here?" I asked, and wondered again how much he could receive through those arrays of inorganic crystal.

"The anomalies. This region has weather patterns that defy all logic and all models."

"I agree with that, from personal experience. That area has the most curious pattern of winds of any place in the world." It had been a long flight and a long day, and by this time I was feeling a little weary. I was ready to defer discussion of the weather until tomorrow, and I wanted time to reflect on our "agreement in principle." I continued, "However, I do not see why those winds should interest you."

"I am a meteorologist. Now wait a moment." His sensor array must have caught something of my expression. "Do not jump to a wrong conclusion. Mine is a perfect profession for a blind man. Who can see the weather? I was ten times as sensitive as a sighted person to winds, to warmth, to changes in humidity and barometric pressure. What I could not see was cloud formations, and those are consequences rather than causes. I could deduce their appearance from other variables. Eight years ago I began to develop my own computer models of weather patterns, analyzing the interaction of snow, winds, and topography. Five years ago I believed that my method was completely general,

and completely accurate. Then I studied the Andean system; and in one area-only one-it failed." He tapped the globe. "Here. Here there are winds with no sustaining source of energy. I can define a circulation pattern and locate a vortex, but I cannot account for its existence."

"The area you show is known locally as the Kingdom of the Winds."

"I know. I want to go there."

And so did I.

When he spoke I felt a great longing to return, to see again the altiplano of the eastern Andean slopes and hear the banshee music of the western wind. It was all behind me. I had sworn to myself that Argentina existed only in my past, that the Patagonian spell was

broken forever. John Martindale was giving me a million dollars and Swiss citizenship, but more than that he was giving me an excuse. For four years I had been unconsciously searching for one.

I held out my glass. "I think, Mr. Martindale, that I would like another drink." Or two. Or three.

Shirley Martindale was moving by my side now, running her hand restlessly along my arm. "There is more. He wants to understand the winds, but there is more. He hopes to find Trapalanda." She did not ask me if I had heard of it. No one who spends more than a week in central Patagonia can be ignorant of Trapalanda. For three hundred years,

explorers have searched for the "City of the Caesars," Trapalanda, the Patagonian version of El Dorado. Rumor and speculation said that Trapalanda would be found at about 47 degrees South, at the same latitude as Paso Roballo. Its fabled treasure-houses of gold and gemstones had drawn hundreds of men to their death in the high Andes. People did not come back, and say, "I sought Trapalanda, and I failed to find it." They did not come back at all. I was an exception.

"I am disappointed," I said. "I had thought your husband to be a wiser man."

"What do you mean?"

"Everyone wants to find Trapalanda. Four years of my life went into the

search for it, and I had the best equipment and the best knowledge. I told your husband that there were a dozen better guides, but I was lying. I know that country better than any man alive. He is certain to fail."

"He believes that he has special knowledge. And you are going to do it. You are going to take him there. For Trapalanda."

She knew better than I. Until she spoke, I did not know what I would do. But she was right. Forget the

"agreement in principle." I would go.

"You want me to do it, don't you?" I said. "But I do not understand your reasons. You are married to a very wealthy man. He seems to have as much

money as he can ever spend."

"John is curious, always curious. He is like a little boy. He is not doing this for money. He does not care about money."

She had not answered my implied question. I had never asked for John Kenyon Martindale's motives, I had been looking for her reasons why he should go. Then it occurred to me that her presence, here in my bed, told me all I needed to know. He would go to the Kingdom of the Winds. If he found what he was looking for, it would bring enormous wealth. Should he fail to return, Shirley Martindale would be a free and very wealthy widow.

"Sex with your husband is not good?"

I asked.

"What do you think? I am here, am I not?" Then she relented. "It is worse than not good, it is terrible. It is as bad with him as it is exciting with you. John is a gentle, thoughtful man, but I need someone who takes me and does not ask or explain. You are a strong man, and I suspect that you are a cold, selfish man. Since we have been together, you have not once spoken my name, or said a single word of affection. You do not feel it is necessary to pretend to commitments. And you are sexist. I noticed John's reaction when you said, 'I married Helga.' He would always say it differently, perhaps 'Shirley and I got married.' " Her hands moved from my

arm, and were touching me more intimately. She sighed. "I do not mind your attitude. What John finds hard to stand, I need. You saw what you did to me here, without one word. You make me shiver."

I turned to bring our bodies into full contact. "And John?" I said. "Why did he marry you?" There was no need to ask why she had married him.

"What do you think," she said. "Was it my wit, my looks, my charm? Give me your hand." She gently moved my fingers along her face and breasts. "It was five years ago. John was still blind. We met, and when we said good night he felt my cheek." Her voice was bitter. "He married me for my pelt." The texture

was astonishing. I could feel no roughness, no blemish, not even the most delicate of hairs. Shirley Martindale had the warm, flawless skin of a six-month-old baby. It was growing warm under my touch.

Before we began she raised herself high above me, propping herself on straight arms. "Helga. What is she like? I cannot imagine her."

"You will see," I said. "Tomorrow I will telephone Lausanne and tell her to come to New York. She will go with us to Trapalanda."

Trapalanda. Had I said that? I was very tired, I had meant to say Patagonia. I reached up to touch her breasts. "No talk now," I said. "No more talk." Her

eyes were as black as jet, as dark as mountain lakes. I dived into their depths.

Shirley Martindale did not meet Helga; not in New York, not anywhere, not ever. John Kenyon Martindale made his position clear to me the next morning as we walked together around the seventh floor library. "I won't allow her to stay in this house," he said. "It's not for my sake or yours, and certainly not for Shirley's. It is for her sake. I know how Shirley would treat her." He did not seem at all annoyed, but I stared at the blind black mask and revised my ideas about how much he could see with his CCDs and fiber optic bundles.

"Did she tell you last night why I am going to Patagonia?" he asked, as he

picked out a book and placed it in the hopper of an iron potbellied stove with electronic aspirations. I hesitated, and told the truth. "She said you were seeking Trapalanda." He laughed. "I wanted to go to Patagonia. The easiest way to do it without an argument from Shirley was to hold out a fifty billion dollar bait. The odd thing, though, is that she is quite right. I am seeking Trapalanda." And he laughed again, more heartily than anything he had said would justify. The black machine in front of us made a little purr of contentment, and a pleasant woman's voice began to read aloud. It was a mathematics text on the foundations of geometry. I had noticed that although

Martindale described himself as a meteorologist, four-fifths of the books in the library were mathematics and theoretical physics. There were too many things about John Martindale that were not what they seemed.

"Shirley's voice," he said, while we stood by the machine and listened to a mystifying definition of the intrinsic curvature of a surface. "And a very pleasant voice, don't you think, to have whispering sweet epsilons in your ear? I borrowed it for use with this optical character recognition equipment, before I got my eyes."

"I didn't think there was a machine in the world that could do that."

"Oh, yes." He switched it off, and

Shirley halted in midword. "This isn't even state-of-the-art anymore. It was, when it was made, and it cost the earth. Next year it will be an antique, and they'll give this much capability out in cereal packets. Come on, let's go and join Shirley for a prelunch aperitif." If John Martindale were angry with me or with his wife, he concealed it well. I realized that the mask extended well beyond the black casing.

Five days later we flew to Argentina. When Martindale mentioned his idea of being in the Kingdom of the Winds in time for the winter solstice, season of the anomaly's strongest showing, I dropped any thoughts of a trip back to Lausanne. I arranged for Helga to pack

what I needed and meet us in Buenos Aires. She would wait at Ezeiza Airport without going into the city proper, and we would fly farther south at once. Even if our travels went well, we would need luck as well as efficiency to have a week near Paso Roballo before solstice.

It amused me to see Martindale searching for Helga in the airport arrival lounge as we walked off the plane. He had seen her photograph, and I had assured him that she would be there. He could not find her. Within seconds, long before it was possible to see her features, I had picked her out. She was staring down at a book on her lap. Every fifteen seconds her head lifted for a rapid radarlike scan of the passenger

lounge, and returned to the page. Martindale did not notice her until we were at her side. I introduced them. Helga nodded but did not speak. She stood up and led the way. She had rented a four-seater plane on open charter, and in her usual efficient way she had arranged for our luggage to be transferred to it.

Customs clearance, you ask? Let us be realistic. The Customs Office in Argentina is no more corrupt than that of, say, Bolivia or Ecuador; that is quite sufficient. Should John Martindale be successful in divining the legendary treasures of Trapalanda, plenty of hands would help to remove them illegally from the country.

Helga led the way through the airport. She was apparently not what he had expected of my wife, and I could see him studying her closely. Helga stood no more than five feet two, to my six-two, and her thin body was not quite straight. Her left shoulder dipped a bit, and she favored her left leg a trifle as she walked.

Since I was the only one with a pilot's license I sat forward in the copilot's chair, next to Owen Davies. I had used Owen before as a by-the-day hired pilot. He knew the Kingdom of the Winds, and he respected it. He would not take risks. In spite of his name he was Argentina born-one of the many Welshmen who found almost any job preferable to their

parents' Argentinean sheep-farming. Martindale and Helga sat behind us, side-by-side in the back, as we flew to Comodoro Rivadavia on the Atlantic coast. It was the last real airfield we would see for a while unless we dipped across the Chilean border to Cochran. I preferred not to try that. In the old days, you risked a few machine-gun bullets from frontier posts. Today it is likely to be a surface-to-air missile.

We would complete our supplies in Comodoro Rivadavia, then use dry dirt airstrips the rest of the way. The provisions were supposed to be waiting for us. While Helga and Owen were checking to make sure that the delivery included everything we had ordered,

Martindale came up to my side.

"Does she never talk?" he said. "Or is it just my lack of charm?" He did not sound annoyed, merely puzzled.

"Give her time." I looked to see what Owen and Helga were doing. They were pointing at three open chests of supplies, and Owen was becoming rather loud.

"You noticed how Helga walks, and how she holds her left arm?" The black shield dipped down and up, making me suddenly curious as to what lay behind it. "I even tried to hint at a question in that direction," he said. "Quite properly she ignored it."

"She was not born that way. When Helga walked into my office nine years ago, I assumed that I was looking at

some congenital condition. She said nothing, nor did I. I was looking for an assistant, someone who was as interested in the high border country as I was, and Helga fitted. She was only twenty-one years old and still green, but I could tell she was intelligent and trainable."

"Biddable," said Martindale. "Sorry, go on."

"You have to be fit to wander around in freezing temperatures at ten thousand feet," I said. "As part of Helga's condition of employment, she had to take a full physical. She didn't want to. She agreed only when she saw that the job depended on it. She was in excellent shape and passed easily; but the doctor-

quite improperly-allowed me to look at her X rays."

Were the eyebrows raised, behind that obsidian visor? Martindale cocked his head to the right, a small gesture of inquiry. Helga and Owen Davies were walking our way.

"She was put together like a jigsaw puzzle. Almost every bone in her arms and legs showed marks of fracture and healing. Her ribs, too. When she was small she had been what these enlightened times call

'abused.' Tortured. As a very small child, Helga learned to keep quiet. The best thing she could hope for was to be ignored. You saw already how invisible she can be."

"I have never heard you angry before," he said. "You sound like her father, not her husband." His tone was calm, but something new hid behind that mask. "And is that," he continued, "why in New York-" He was interrupted. "Tomorrow," said Owen from behind him. "He says he'll have the rest then. I believe him. I told him he's a fat idle bastard, and if we weren't on our way by noon I'd personally kick the shit out of him."

Martindale nodded at me. Conversation closed. We headed into town for Alberto McShane's bar and the uncertain pleasures of nightlife in Comodoro Rivadavia. Martindale didn't give up. All the way there he talked

quietly to Helga. He may have received ten words in return. It had been five years. Alberto McShane didn't blink when we walked in. He took my order without comment, but when Helga walked past him he reached out his good arm and gave her a big hug. She smiled like the sun. She was home. She had hung around the Guanaco bar since she was twelve years old, an oil brat brought here in the boom years. When her parents left, she stayed. She hid among the beer barrels in McShane's cellar until the plane took off. Then she could relax for the first time in her life. Poverty and hard work were luxuries after what she had been through.

The decor of the bar hadn't changed

since last time. The bottle of dirty black oil (the first one pumped at Comodoro Rivadavia, if you believe McShane) hung over the bar, and the same stuffed guanaco and rhea stood beside it. McShane's pet armadillo, or its grandson, ambled among the tables looking for beer heeltaps.

I knew our search plans, but Helga and Owen Davies needed briefing. Martindale took Owen's 1:1,000,000 scale ONC's, with their emendations and local detail in Owen's careful hand, added to them the 1:250,000 color photomaps that had been made for him in the United States, and spread the collection out to cover the whole table.

"From here, to here," he said. His

fingers tapped the map near Laguna del Sello, then moved south and west until they reached Lago Belgrano.

Owen studied them for a few moments. "All on this side of the border," he said. "That's good. What do you want to do there?"

"I want to land. Here, and here, and here." Martindale indicated seven points, on a roughly north-south line.

Owen Davies squinted down, assessing each location. "Lago Gio, Paso Roballo, Lago Posadas. Know

'em all. Tough landing at two, and that last point is in the middle of the Perito Moreno National Park; but we can find a place." He looked up, not at Martindale but at me. "You're not in the true high

country, though. You're twenty miles too far east. What do you want to do when you get there?"

"I want to get out, and look west," said Martindale. "After that, I'll tell you where we have to go." Owen Davies said nothing more, but when we were at the bar picking up more drinks he gave me a shrug. Too far east, it said. You're not in the high country. You won't find Trapalanda there, where he's proposing to land. What's the story?

Owen was an honest man and a great pilot who had made his own failed attempt at Trapalanda (sometimes I thought that was true of everyone who lived below 46 degrees South). He found it hard to believe that anyone

could succeed where he had not, but he couldn't resist the lure.

"He knows something he's not telling us," I said. "He's keeping information to himself. Wouldn't you?" Owen nodded. Barrels of star rubies and tons of platinum and gold bars shone in his dark Welsh eyes. When we returned to the table John Martindale had made his breakthrough. Helga was talking and bubbling with laughter. "How did you do that," she was saying. "He's untouchable. What did you do to him?" McShane's armadillo was sitting on top of the table, chewing happily at a piece of apple. Martindale was rubbing the ruffle of horny plates behind its neck, and the armadillo was pushing itself against his

hand.

"He thinks I'm one of them." Martindale touched the black screen across his eyes. "See? We've both got plates. I'm just one of the family." His face turned up to me. I read the satisfaction behind the mask. And should I do to your wife, Klaus, what you did to mine? it said. It would be no more than justice. Those were not Martindale's thoughts. I realized that. They were mine. And that was the moment when my liking for John Kenyon Martindale began to tilt toward resentment. At ground level, the western winds skim off the Andean slopes at seventy knots or more. At nine thousand feet, they blow at less than thirty. Owen was an economy-

minded pilot. He flew west at ten thousand until we were at the preferred landing point, then dropped us to the ground in three sickening sideslips.

He had his landing already planned. Most of Patagonia is built of great level slabs, rising like terraces from the high coastal cliffs on the Atlantic Ocean to the Andean heights in the west. The exception was in the area we were exploring. Volcanic eruptions there have pushed great layers of basalt out onto the surface. The ground is cracked and irregular, and scarred by the scouring of endless winds. It takes special skill to land a plane when the wind speed exceeds the landing airspeed, and Owen Davies had it. We showed an airspeed

of over a hundred knots when we touched down, light as a dust mote, and rolled to a perfect landing. "Good enough," said Owen.

He had brought us down on a flat strip of dark lava, at three o'clock in the afternoon. The sun hung low on the northwest horizon, and we stepped out into the teeth of a cold and dust-filled gale. The wind beat and tugged and pushed our bodies, trying to blow us back to the Atlantic. Owen, Helga, and I wore goggles and helmets against the driving clouds of grit and sand.

Martindale was bareheaded. He planted a GPS transponder on the ground to confirm our exact position, and faced west. With his head tilted upward and

his straw-colored hair blowing wild, he made an adjustment to the side of his visor, then nodded. "It is there," he said. "I knew it must be." We looked, and saw nothing. "What is there?" said Helga.

"I'll tell you in a moment. Note these down. I'm going to read off heights and headings." Martindale looked at the sun and the compass. He began to turn slowly from north to south. Every fifteen degrees he stopped, stared at the featureless sky, and read off a list of numbers. When he was finished he nodded to Owen. "All right. We can do the next one now."

"You mean that's it? The whole thing? All you're going to do is stand there?" Owen is many good things, but he is not

diplomatic.

"That's it-for the moment." Martindale led the way back to the aircraft. I could not follow. Not at once. I had lifted my goggles and was peering with wind-teared eyes to the west. The land there fell upward to the dark-blue twilight sky. It was the surge of the Andes, less than twenty miles away, rolling up in long, snowcapped breakers. I walked across the tufts of bunchgrass and reached out a hand to steady myself on an isolated ten-foot beech tree. Wind-shaped and stunted it stood, trunk and branches curved to the east, hiding its head from the deadly western wind. It was the only one within sight.

This was my Patagonia, the true, the

terrible.

I felt a gentle touch on my arm. Helga stood there, waiting. I patted her hand in reply, and she instinctively recoiled. Together we followed Martindale and Davies back to the aircraft.

"I found what I was looking for," Martindale said, when we were all safely inside. The gale buffeted and rocked the craft, resenting our presence. "It's no secret now. When the winds approach the Andes from the Chilean side, they shed all the moisture they have picked up over the Pacific; and they accelerate. The energy balance equation is the same everywhere in the world. It depends on terrain, moisture, heating, and atmospheric layers. The same

equation everywhere-except that here, in the Kingdom of the Winds, something goes wrong. The winds pick up so much speed that they are thermodynamically impossible. There is a mechanism at work, pumping energy into the moving air. I knew it before I left New York City; and I knew what it must be. There had to be a long, horizontal line-vortex, running north to south and transmitting energy to the western wind. But that too was impossible. First, then, I had to confirm that the vortex existed." He nodded vigorously. "It does. With my vision sensors I can see the patterns of compression and rarefaction. In other words, I can see direct evidence of the vortex. With half a dozen more readings,

I will pinpoint the exact origin of its energy source."

"But what's all that got to do with finding... " Owen trailed off and looked at me guiltily. I had told him what Martindale was after, but I had also cautioned him never to mention it.

"With finding Trapalanda?" finished Martindale. "Why, it has everything to do with it. There must be one site, a specific place where the generator exists to power the vortex line. Find that, and we will have found Trapalanda."

Like God, Duty, or Paradise, Trapalanda means different things to different people. I could see from the expression on Owen's face that a line-vortex power generator was not his

Trapalanda, no matter what it meant to Martindale.

I had allowed six days; it took three. On the evening of June 17th, we sat around the tiny table in the aircraft's rear cabin. There would be no flying tomorrow, and Owen had produced a bottle of *usquebaugh australis*; "southern whiskey," the worst drink in the world.

"On foot," John Martindale was saying. "Now it has to be on foot-and just in case, one of us will stay at the camp in radio contact."

"Helga," I said. She and Martindale shook heads in unison. "Suppose you have to carry somebody out?" she said. "I can't do that. It must be you or Owen."

At least she was taking this seriously,

which Owen Davies was not. He had watched with increasing disgust while Martindale made atmospheric observations at seven sites. Afterward he came to me secretly. "We're working for a madman," he said. "We'll find no treasure. I'd almost rather work for Diego."

Diego Luria-"Mad Diego"-believed that the location of Trapalanda could be found by a correct interpretation of the Gospel According to Saint John. He had made five expeditions to the altiplano, four of them with Owen as pilot. It was harder on Owen than you might think, since Diego sometimes said that human sacrifice would be needed before Trapalanda could be discovered. They

had found nothing; but they had come back, and that in itself was no mean feat.

Martindale had done his own exact triangulation, and pinpointed a place on the map. He had calculated UTM coordinates accurate to within twenty meters. They were not promising. When we flew as close as possible to his chosen location we found that we were looking at a point halfway up a steep rock face, where a set of broken waterfalls cascaded down a near-vertical cliff.

"I am sure," he said, in reply to my implied question. "The data-fit residuals are too small to leave any doubt." He tapped the map, and looked out of the aircraft window at the distant rock face.

"Tomorrow. You, and Helga, and I will go. You, Owen, you stay here and monitor our transmission frequency. If we are off the air for more than twelve hours, come and get us."

He was taking this too seriously. Before the light faded I went outside again and trained my binoculars on the rock face. According to Martindale, at that location was a power generator that could modify the flow of winds along two hundred and fifty miles of mountain range. I saw nothing but the blown white spray of falls and cataracts, and a gray highland fox picking its way easily up the vertical rock face.

"Trust me." Martindale had appeared suddenly at my side. "I can see those

wind patterns when I set my sensors to function at the right wavelengths. What's your problem?"

"Size." I turned to him. "Can you make your sensors provide telescopic images?"

"Up to three inch effective aperture."

"Then take a look up there. You're predicting that we'll find a machine which produces tremendous power-"

"Many gigawatts."

"-more power than a whole power station. And there is nothing there, nothing to see. That's impossible."

"Not at all." The sun was crawling along the northern horizon. The thin daylight lasted for only eight hours, and already it was fading. John Kenyon

Martindale peered off westward and shook his head. He tapped his black visor. "You've had a good look at this," he said. "Suppose I had wanted to buy something that could do what this does, say, five years ago. Do you know what it would have weighed?"

"Weighed?" I shook my head.

"At least a ton. And ten years ago, it would have been impossible to build, no matter how big you allowed it to be. In another ten years, this assembly will fit easily inside a prosthetic eye. The way is toward miniaturization, higher energy densities, more compact design. I expect the generator to be small." He suddenly turned again to look right into my face. "I have a question for you, and it is an

unforgivably personal one. Have you ever consummated your marriage with Helga?" He had anticipated my lunge at him, and he backed away rapidly. "Do not misunderstand me," he said.

"Helga's extreme aversion to physical contact is obvious. If it is total, there are New York specialists who can probably help her. I have influence there."

I looked down at my hands as they held the binoculars. They were trembling. "It is-total," I said.

"You knew that-and yet you married her. Why?"

"Why did you marry your wife, knowing you would be cuckolded?" I was lashing out, not expecting an answer.

"Did she tell you it was for her skin?" His voice was weary, and he was turning away as he spoke. "I'm sure she did. Well, I will tell you. I married Shirley-because she wanted me to." Then I was standing alone in the deepening darkness. Shirley Martindale had warned me, back in New York. He was like a child, curious about everything. Including me, including Helga, including me and Helga.

Damn you, John Martindale. I looked at the bare hillside, and prayed that Trapalanda would somehow swallow him whole. Then I would never again have to endure that insidious, probing voice, asking the unanswerable.

The plane had landed on the only

level piece of ground in miles. Our destination was a mile and a half away, but it was across some formidable territory. We would have to descend a steep scree, cross a quarter mile of boulders until we came to a fast-moving stream, and follow that watercourse upward, until we were in the middle of the waterfalls themselves.

The plain of boulders showed the translucent sheen of a thin ice coating. The journey could not be done in poor light. We would wait until morning, and leave promptly at ten. Helga and I went to bed early, leaving Martindale with his calculations and Owen Davies with his *usquebaugh australis*. At a pinch the aircraft would sleep four, but Helga and

I slept outside in a small reinforced tent brought along for the purpose. The floor area was five feet by seven. We had pitched the tent in the lee of the aircraft, where the howl of the wind was muted. I listened to Helga's breathing, and knew after half an hour that she was still awake.

"Think we'll find anything?" I said softly.

"I don't know." And then, after maybe one minute. "It's not that. It's you, Klaus."

"I've never been better."

"That's the problem. I've seen you, these last few days. You love it here. I should never have taken you away."

"I'm not complaining."

"That's part of the problem, too. You

never complain. I wish you would." I heard her turn to face me in the dark, and for one second I imagined a hand was reaching out toward me. It was an illusion. She went on, "When I said I wanted to leave Patagonia and live in Europe, you agreed without an argument. But your heart has always been here."

"Oh, well, I don't know..." The lie stuck in my throat.

"And there's something else. I wasn't going to tell you, because I was afraid that you would misunderstand. But I will tell you. John Martindale tried to touch me." I stirred, began to sit up, and felt the rough canvas against my forehead. Outside, the wind gave a sudden scream around the tent. "You mean he tried to-

to-"

"No. He reached out, and tried to touch the back of my hand. That was all. I don't know why he did it, but I think it was just curiosity. He watches everything, and he has been watching us. I pulled my hand away before he got near. But it made me think of you. I have not been a wife to you, Klaus. You've done your best, and I've tried my hardest but it hasn't improved at all. Be honest with yourself, you know it hasn't. So if you want to stay here when this work is finished..." I hated to hear her sound so confused and lost. "Let's not discuss it now," I said. In other words, I can't bear to talk about it.

We had tried so hard at first, with

Helga gritting her teeth at every gentle touch. When I finally realized that the sweat on her forehead and the quiver in her thin limbs was a hundred percent fear and zero percent arousal, I stopped trying. After that we had been happy-or at least, I had. I had not been faithful physically, but I could explain that well enough. And then, with this trip and the arrival on the scene of John Kenyon Martindale, the whole relationship between Helga and me felt threatened. And I did not know why.

"We ought to get as much sleep as we can tonight," I said, after another twenty seconds or so.

"Tomorrow will be a tough day."

She said nothing, but she remained

awake for a long, long time.

And so, of course, did I.

The first quarter mile was easy, a walk down a gently sloping incline of weathered basalt. Owen Davies had watched us leave with an odd mixture of disdain and greed on his face. We were not going to find anything, he was quite sure of that-but on the other hand, if by some miracle we did, and he was not there to see it...

We carried minimal packs. I thought it would be no more than a two-hour trek to our target point, and we had no intention of being away overnight.

When we came to the field of boulders I revised my estimate. Every square millimeter of surface was coated

with the thinnest and most treacherous layer of clear ice. In principle its presence was impossible. With an atmosphere of this temperature and dryness, that ice should have sublimed away. We picked our way carefully across, concentrating on balance far more than progress. The wind buffeted us, always at the worst moments. It took another hour and a half before we were at the bottom of the waterfalls and could see how to tackle the rock face. It didn't look too bad. There were enough cracks and ledges to make the climb fairly easy.

"That's the spot," said Martindale. "Right in there." We followed his pointing finger. About seventy feet above our heads one of the bigger

waterfalls came cascading its way out from the cliff for a thirty-foot vertical drop.

"The waterfall?" said Helga. Her tone of voice said more than her words. That's supposed to be a generator of two hundred and fifty miles of gale-force winds? she was saying. Tell me another one.

"Behind it." Martindale was walking along the base of the cliff, looking for a likely point where he could begin the climb. "The coordinates are actually inside the cliff. Which means we have to look behind the waterfall. And that means we have to come at it from the side."

We had brought rock-climbing gear

with us. We did not need it. Martindale found a diagonal groove that ran at an angle of thirty degrees up the side of the cliff, and after following it to a vertical chimney, we found another slanting ledge running the other way. Two more changes of route, neither difficult, and we were on a ledge about two feet wide that ran up to and right behind our waterfall. Two feet is a lot less when you are seventy feet up and walking a rock ledge slippery with water. Even here, the winds plucked restlessly at our clothes. We roped ourselves together, Martindale leading, and inched our way forward. When we were a few feet from the waterfall Martindale lengthened the rope between him and me, and went on

alone behind the cascading water.

"It's all right." He had to shout to be heard above the crash of water. "It gets easier. The ledge gets wider. It runs into a cave in the face of the cliff. Come on."

We were carrying powerful electric flashlights, and we needed them. Once we were in behind the screen of water, the light paled and dwindled. We shone the lights toward the back of the cave. We were standing on a flat area, maybe ten feet wide and twelve feet deep. So much for Owen's dream of endless caverns of treasure; so much for my dreams, too, though they had been a lot less grandiose than his. Standing about nine feet in from the edge of the ledge stood a dark blue cylinder, maybe four

feet long and as thick as a man's thigh. It was smooth-surfaced and uniform, with no sign of controls or markings on its surface. I heard Martindale grunt in satisfaction.

"Bingo," he said. "That's it."

"The whole thing?"

"Certainly. Remember what I said last night, about advanced technology making this smaller? There's the source of the line-vortex-the power unit for the whole Kingdom of the Winds." He took two steps toward it, and as he did so Helga cried out, "Look out!"

The blank wall at the back of the cave had suddenly changed. Instead of damp gray stone, a rectangle of striated darkness had formed, maybe seven feet

high and five feet wide. Martindale laughed in triumph, and turned back to us. "Don't move for the moment. But don't worry, this is exactly what I hoped we might find. I suspected something like this when I first saw that anomaly. The winds are just an accidental by-product-like an eddy. The equipment here must be a little bit off in its tuning. But it's still working, no doubt about that. Feel the inertial dragging?" I could feel something, a weak but persistent force drawing me toward the dark rectangle. I leaned backward to counteract it and looked more closely at the opening. As my eyes adjusted I realized that it was not true darkness there. Faint blue lines of luminescence

started in from the edges of the aperture and flew rapidly toward a vanishing point at the center. There they disappeared, while new blue threads came into being at the outside.

"Where did the opening come from?" said Helga. "It wasn't there when we came in."

"No. It's a portal. I'm sure it only switches on when it senses the right object within range." Martindale took another couple of steps forward. Now he was standing at the very edge of the aperture, staring through at something invisible to me.

"What is it?" I said. In spite of Martindale's words I too had taken a couple of steps closer, and so had

Helga.

"A portal-a gate to some other part of the universe, built around a gravitational line singularity." He laughed, and his voice sounded half an octave lower in pitch. "Somebody left it here for us humans, and it leads to the stars. You wanted Trapalanda? This is it-the most priceless discovery in the history of the human race."

He took one more step forward. His moving leg stretched out forever in front of him, lengthening and lengthening. When his foot came down, the leg looked fifty yards long and it dwindled away to the tiny, distant speck of his foot. He lifted his back foot from the ground, and as he leaned forward his

whole body rippled and distorted, stretching away from me. Now he looked his usual self-but he was a hundred yards away, carried with one stride along a tunnel that ran as far as the eye could follow. Martindale turned, and reached out his hand. A long arm zoomed back toward us, still attached to that distant body, and a normal-sized right hand appeared out of the aperture.

"Come on." The voice was lower again in tone, and strangely slowed. "Both of you. Don't you want to see the rest of the universe? Here's the best chance that you will ever have." Helga and I took another step forward, staring in to the very edge of the opening. Martindale reached out his left hand too,

and it hurtled toward us, growing rapidly, until it was there to be taken and held. I took another step, and I was within the portal itself. I felt normal, but I was aware of that force again, tugging us harder toward the tunnel. Suddenly I was gripped by an irrational and irresistible fear. I had to get away. I turned to move back from the aperture, and found myself looking at Helga. She was thirty yards away, drastically diminished, standing in front of a tiny wall of falling water. One more step would have taken me outside again to safety, clear of the aperture and its persistent, tugging field. But as I was poised to take that step, Helga acted. She closed her eyes and took a long,

trembling step forward. I could see her mouth moving, almost as though in prayer. And then the action I could not believe: she leaned forward to grasp convulsively at John Martindale's outstretched hand. I heard her gasp, and saw her shiver. Then she was taking another step forward. And another.

"Helga!" I changed my direction and blundered after her along that endless tunnel. "This way. I'll get us out."

"No." She had taken another shivering step, and she was still clutching Martindale's hand. "No, Klaus." Her voice was breathless. "He's right. This is the biggest adventure ever. It's worth everything."

"Don't be afraid," said a hollow,

booming voice. It was Martindale, and now all I could see of him was a shimmering silhouette. The man had been replaced by a sparkling outline. "Come on, Klaus. It's almost here."

The tugging force was stronger, pulling on every cell of my body. I looked at Helga, a shining outline now like John Martindale. They were dwindling, vanishing. They were gone. I wearily turned around and tried to walk back the way we had come. Tons of weight hung on me, wreathed themselves around every limb. I was trying to drag the whole world up an endless hill. I forced my legs to take one small step, then another. It was impossible to see if I was making progress. I was surrounded

by that roaring silent pattern of rushing blue lines, all going in the opposite direction from me, every one doing its best to drag me back.

I inched along. Finally I could see the white of the waterfall ahead. It was growing in size, but at the same time it was losing definition. My eyes ached. By the time I took the final step and fell on my face on the stone floor of the cave, the waterfall was no more than a milky haze and a sound of rushing water. Owen Davies saved my life, what there is of it. I did my part to help him. I wanted to live when I woke up, and weak as I was, and half-blind, I managed to crawl down that steep rock face. I was dragging myself over the icy boulders when he

found me. My clothes were shredding, falling off my body, and I was shivering and weeping from cold and fear. He wrapped me in his own jacket and helped me back to the aircraft.

Then he went off to look for John Martindale and Helga. He never came back. I do not know to this day if he found and entered the portal, or if he came to grief somewhere on the way. I spent two days in the aircraft, knowing that I was too sick and my eyes were too bad to dream of flying anywhere. My front teeth had all gone, and I ate porridge or biscuits soaked in tea. Three more days, and I began to realize that if I did not fly myself, I was not going anywhere. On the seventh day I managed

a faltering, incompetent takeoff and flew northeast, peering at the instruments with my newly purblind eyes. I made a crash landing at Comodoro Rivadavia, was dragged from the wreckage, and flown to a hospital in Bahía Blanca. They did what they could for me, which was not too much. By that time I was beginning to have some faint idea what had happened to my body, and as soon as the hospital was willing to release me I took a flight to Buenos Aires, and went on at once to Geneva's Lakeside Hospital. They removed the cataracts from my eyes. Three weeks later I could see again without that filmy mist over everything.

Before I left the hospital I insisted on

a complete physical. Thanks to John Martindale's half-million dollar deposit, money was not going to be a problem. The doctor who went over the results with me was about thirty years old, a Viennese Jew who had been practicing for only a couple of years. He looked oddly similar to one of my cousins at that age. "Well, Mr. Jacobi," he said (after a quick look at his dossier to make sure of my name), "there are no organic abnormalities, no cardiovascular problems, only slight circulation problems. You have some osteoarthritis in your hips and your knees. I'm delighted to be able to tell you that you are in excellent overall health for your age."

"If you didn't know," I said, "how old would you think I am?" He looked again at his crib sheet, but found no help there. I had deliberately left out my age at the place where the hospital entry form required it. "Well," he said. He was going to humor me. "Seventy-six?"

"Spot on," I said.

I had the feeling that he had knocked a couple of years off his estimate, just to make me feel good. So let's say my biological age was seventy-eight or seventy-nine. When I flew with John Martindale to Buenos Aires, I had been one month short of my forty-fourth birthday. At that point I flew to New York, and went to John Kenyon Martindale's house. I met with Shirley-

briefly. She did not recognize me, and I did not try to identify myself. I gave my name as Owen Davies. In John's absence, I said, I was interested in contacting some of the mathematician friends that he had told me I would like to meet. Could she remember the names of any of them, so I could call them even before John came back? She looked bored, but she came back with a telephone book and produced three names. One was in San Francisco, one was in Boston, and the third was here in New York, at the Courant Institute.

He was in his middle twenties, a fit-looking curly-haired man with bright blue eyes and a big smile. The thing that astonished him about my visit, I think,

was not the subject matter. It was the fact that I made the visit. He found it astonishing that a spavined antique like me would come to his office to ask about this sort of topic in theoretical physics.

"What you are suggesting is not just permitted in today's view of space and time, Mr. Davies," he said.

"It's absolutely required. You can't do something to space-such as making an instantaneous link between two places, as you have been suggesting-without at the same time having profound effects on time. Space and time are really a single entity. Distances and elapsed times are intimately related, like two sides of the same coin."

"And the line-vortex generator?" I

said. I had told him far less about this, mainly because all I knew of it had been told to us by John Martindale.

"Well, if the generator in some sense approximated an infinitely long, rapidly rotating cylinder, then yes. General relativity insists that very peculiar things would happen there. There could be global causality violations-'before' and 'after' getting confused, cause and effect becoming mixed up, that sort of thing. God knows what time and space look like near the line singularity itself. But don't misunderstand me. Before any of these things could happen, you would have to be dealing with a huge system, something many times as massive as the sun."

I resisted the urge to tell him he was wrong. Apparently he did not accept John Martindale's unshakable confidence in the idea that with better technology came increase in capability and decrease in size. I stood up and leaned on my cane. My left hip was a little dodgy and became tired if I walked too far.

"You've been very helpful."

"Not at all." He stood up, too, and said, "Actually, I'm going to be giving a lecture at the institute on these subjects in a couple of weeks. If you'd like to come..."

I noted down the time and place, but I knew I would not be there. It was three months to the day since John Martindale,

Helga, and I had climbed the rock face and walked behind the waterfall. Time-my time-was short. I had to head south again.

The flight to Argentina was uneventful. Comodoro Rivadavia was the same as always. Now I am sitting in Alberto McShane's bar, drinking one last beer (all that my digestion today will permit) and waiting for the pilot. McShane did not recognize me, but the armadillo did. It trundled to my table, and sat looking up at me. Where's my friend John Martindale, it was saying.

Where indeed? I will tell you soon. The plane is ready. We are going to Trapalanda. It will take all my strength, but I think I can do it. I have added

equipment that will help me to cross that icy field of boulders and ascend the rock face. It is September. The weather will be warmer, and the going easier. If I close my eyes I can see the portal now, behind the waterfall, its black depths and shimmering blue streaks rushing away toward the vanishing point.

Thirty-five years. That is what the portal owes me. It sucked them out of my body as I struggled back against the gravity gradient. Maybe it is impossible to get them back. I don't know. My young mathematician friend insisted that time is infinitely fluid, with no more constraints on movement through it than there are on travel through space. I don't know, but I want my thirty-five years. If I die in the

attempt, I will be losing little.

I am terrified of that open gate, with its alien twisting of the world's geometry. I am more afraid of it than I have ever been of anything. Last time I failed, and I could not go through it. But I will go through it now. This time I have something more than Martindale's scientific curiosity to drive me on. It is not thoughts of danger or death that fill my mind as I sit here. I have that final image of Helga, reaching out and taking John Martindale's hand in hers. Reaching out, to grasp his hand, voluntarily. I love Helga, I am sure of that, but I cannot make sense of my other emotions; fear, jealousy, resentment, hope, excitement. She was touching him. Did she do it

because she wanted to go through the portal, wanted it so much that every fear was insignificant? Or had she, after thirty years, finally found someone whom she could touch without cringing and loathing?

The pilot has arrived. My glass is empty. Tomorrow I will know.