



Ken Follett

Les Muriers
 Manoir de l'Abadie
 11 chemin des Gourguettes
 06510 Cannes La Bocca
 France
 Fax: +33 93 9087 36
 (Until 23 April 1995)

23 April 1995

Number of pages including this one:

18

To: Writers House

~~PLEASE GIVE THIS FAX TO AL~~

Here is a new outline for THE THIRD TWIN. I think you'll find it tighter than the first, and the "stake" is higher in this version. It may not have gone far enough in those directions yet, but I'd be interested to hear what you think of progress so far.

Warmest regards —————

Ken.

Big Kenyan
 she and her record in the next
 Benford vs. Teasdale

The Third Twin

by Ken Follett

Outline: 2nd draft

23 April 1995

I: Sunday An article in the *Baltimore Sun* explains a new squad within the city police department: the Crimes Against Women unit. It was set up after political pressure from women's groups in the city. They argued that rape and other assaults on women are under-reported because of the brutal way victims are treated by the justice system.

The article introduces Sergeant Michelle Delaware, known as Mike, the head of the new squad. It describes her as a tough, warm-hearted redhead who looks like Susan Sarandon. It quotes her as saying that her unit's priority is the welfare of the victim, by contrast with normal police practice which focuses on the perpetrator. Nevertheless she predicts she will secure more convictions in the long run by encouraging women to seek justice.

Older cops remain sceptical, says the article, and the squad's first major high-profile case will be seen by the entire city as a test.

1. "Do I look like Susan Sarandon?" says Mike Delaware as she reads the article. She reflects on what has been left out: the bleak hostility of most of the department, including her boss Lieutenant Dick Strauss, who insists on calling the C.A.W. unit the Cow Squad.

The bleeper at her belt vibrates and she picks up a message from Com Center. She must go to Mercy Hospital to interview a rape victim called Lisa Hoxford.

2. Lisa is a young biology student at Jones Falls University in the Baltimore suburbs. She was working in the Human Biology building when fire broke out. In the panic a man posing as a member of the security staff directed her into an empty room and raped her at knife point.

He was very strong and seemed to have everything planned, and she is terrified all over again as she recalls how helpless she felt. Dennis Bradley, a uniformed patrolman in his thirties,

neither are enjoying character

Better if
thru this ✓

score to Strauss saying he the news - plus reflections

questions her aggressively, challenging her statements. She becomes more distressed as he asks what she may have done to provoke or entice the rapist. He questions why she did not resist more, noting that she has no knife wounds. He seizes on the fact that, forced to utter certain words, she asked for sex.

Lisa begs him to leave but he ignores that and asks another question. Desperate to get rid of him she withdraws her allegation and says there was no rape. At this point Mike Delaware arrives.

She is angered by what is taking place between Bradley and Lisa. This is how so many rape allegations end up being categorised as "unfounded": the victim withdraws the charge, not because it is untrue but because the process of seeking justice is so bruising.

Mike gets rid of Bradley and takes over. She tells Lisa: "You are in control here. You can talk to me or be alone. You can have medical treatment and tests or refuse them. You can stay here or go home. You have done nothing wrong." She gives her the name of a volunteer agency that helps rape and sexual abuse victims, and mentions counselling. Lisa begins to feel better.

Mike explains that most rapists are serial rapists, and this man will certainly attack another woman unless he is apprehended. Lisa agrees to tell her story.

As Mike listens she is chilled by how clever and ruthless the perpetrator is, and she realises this is probably the high-profile case, anticipated by the newspaper, that will make or break her unit.

II: Monday An article in *USA Today* explains the research into twins which is carried on in the Human Biology faculty of Jones Falls University.

Identical or monozygotic (MZ) twins have the same DNA, whereas fraternal or dizygotic (DZ) twins are no more alike,

genetically, than any other pair of siblings. When MZ twins are raised apart--as happens when one or both babies are put out for adoption--they constitute a natural experiment of great interest to geneticists, for the similarities between them are due to their genes and the differences to the environment in which they are raised. Behavioural geneticists compare MZAs (raised apart) with MZTs (raised together), DZAs and DZTs. They measure size, health, IQ, and aspects of behaviour such as aggression, divorce and alcoholism. They usually find that MZAs are more similar than DZTs, which leads them to conclude that our genes are more important than our upbringing in determining our behaviour. Such findings are seized on by extreme conservatives and white supremacists who jump to the conclusion that it is a waste of money to improve inner-city schools and hospitals.

The article is based on an interview with leading twins researcher Professor Berisford Jones, 60. He holds professorships at Cambridge, England and Paris, France as well as Jones Falls, but he happens to be in Baltimore right now, giving his annual lecture series and checking on the progress of research. The article describes him as small in stature, beautifully dressed in professorial tweeds and bow ties, silver-haired and patrician. He is also a figure of political controversy, often appearing on talk shows, using his scientific status to give respectability to extreme conservative views about welfare. The twins research at JFU is funded by Genetico, a small but dynamic health care and medical research corporation to which Berisford is a consultant.

Expos. How. Article v. the action.

3. On Monday morning the Human Biology building still smells of smoke. Students and faculty talk animatedly about the fire and the rape, both of which have been reported on radio and TV and in this morning's edition of the *Baltimore Sun*. There are detectives and fire experts on campus making inquiries.

Among the faculty is Assistant Professor Jeannie Ferrari,

25, a brilliant scientist from a dirt-poor background. She is tall, athletic--a tennis champ--and attractive, although her features are too strong to be called pretty. Her particular interest is criminality, and whether it is genetically determined. After she finished her doctorate the psychology departments of all the top universities were after her but she came here because of their focus on aggression. Her own father is a lifelong criminal, currently serving 20 years for his third armed robbery conviction. Jeannie's theory is that aggression is genetic but the rearing environment determines whether the aggressive child turns into a dope dealer or a Green Beret hero.

The twins study is run by Professor Ronald Greer, but the real power in the department is Berisford Jones, because he advises Genetico where to channel their research dollars. He is an arrogant man who never socialises with his academic colleagues. A widower, he is said to be devoted to his only son, who is at university in Philadelphia.

Jeannie is angered by the article in *USA Today* because Berisford has not seen fit to mention any other scientists, giving the impression that he does all the work himself. She expresses her anger to her wimpish ex-boyfriend Brian Mulligan, another scientist on the project, but he urges her not to make trouble by complaining.

Betta d *we get all this in a scene between her and R. ✓*

The MZAs studied by the department are mainly people who hear about the project and volunteer themselves as subjects. The sample is therefore predominantly respectable middle-class families of the type who think scientific research is interesting and valuable. Few bank robbers volunteer. For Jeannie to progress her research she needs to find more criminal twins.

She has devised an ingenious computer program that finds people who do not even know they are twins. The first pair she has found are Steven Logan and David Pinker, aged 21. Steven and his parents are coming into the university today, and Jeannie will see the Pinker family tomorrow. Everyone is deeply

impressed with Jeannie's ingenuity but she still has her fingers crossed.

Steve Logan turns out to be a rather exceptional young man: a brilliant student, handsome and charming too. However, his past is not exactly blameless: he has served three months in a juvenile detention centre for assault. His father is a colonel at the Pentagon. His mother is Lorraine Logan, a famous agony aunt, wise and charismatic. They are divorced but friendly. All three live in Washington DC, a drive of an hour or so from Baltimore.

To Jeannie's dismay the Logans insist that David is not a twin. He was not adopted, and Lorraine Logan is quite sure she gave birth to only one baby. Jeannie knows that families often lie about adoption, but the Logans seem sincere. Could Steve have been swapped at birth? Or is Jeannie's computer program flawed?

During the lunch break Steve seeks Jeannie out, chats to her, and finally asks her for a date. Although he is a few years younger, she is tempted: he is a mature and engaging man. But she decides it would look unprofessional, and turns him down.

Just before the Logans leave they meet Berisford Jones. His reaction is startling: he stares and goes pale, then mutters an excuse and leaves the room.

4. Lisa Hoxford sits down at a computer running a program called ComSuspect. With the help of a trained police officer she puts together a likeness of the man who attacked her, a white male in his twenties, clean-shaven with short hair, neatly dressed. Mike Delaware circulates the picture to precinct stations, TV and newspapers. *W. drama here x*

5. Berisford calls Jeannie to his office and questions her about her method of finding MZAs.

MZ twins have very similar fingerprints, brainwaves, dental

*Wh
what*

*not make him a P.O.V. character. Panic!
t. do?*

?

records (they even get cavityies in the same teeth) and electrocardiograms. This type of information is increasingly held in large databanks by government agencies and insurance companies. Jeannie, a mathematical and logical wizard, has devised a program that uses fuzzy logic to search databases for near-pairs (not as easy as it may sound).

She has run her program on a national database of records of people who have dental work while in jail. This disappointingly produced only one set of MZAs, Steven Logan and David Pinker. "And they may not be twins," Berisford says. Jeannie says she needs to run the program on a much larger database and she is hoping to get access to the FBI fingerprint file. However, she is waiting for permission.

She leaves Berisford feeling that she did not understand the conversation. He hired her, expressing profound interest in her criminality theory. But now he seems hostile. What has turned him around? She feels sure it is something to do with Steve Logan. *She's disconnected. Needs a husband, boyfriend, ✓ or close relation.*

III: Tuesday An article in the *Wall Street Journal* announces a \$100 million takeover bid for Genetico by a pharmaceutical giant. The deal will net \$30 million personally for Genetico's president and principal shareholder Dr Paul Barck, an old buddy of Berisford's. *Again lets have a score rather than ✓ an article.*

6. In her roll call room on the ground floor of the city's police headquarters, Mike Delaware addresses her squad of eight detectives.

Fire experts say the Human Biology building was deliberately set alight. Mike feels sure the rapist did it to create a diversion. Based on his *modus operandi* and his behaviour during the rape she presents a psychological profile of him. His is a Type IV Anger-Excitation rapist, a true sadist, sexually aroused by aggressive acts. He is probably a college graduate in a

white-collar job. He does not live in the neighbourhood where he rapes. He may have no arrest record and no history of mental illness. He is compulsive; he may have done well in the military; he reads bondage literature, is fascinated by the Nazis and has a gun collection.

This is the most difficult kind to catch, and the type most likely to kill. *Suspense. Who feels threatened?*

7. Jeannie flies to Richmond, Virginia. David Pinker, the supposed twin of Steve Logan, is in jail there for murder. He cut the power to a cinema, molested several women in the darkness, and killed a girl who tried to resist him.

His parents Charlotte and Desmond Pinker are old-fashioned Virginia gentry, evidently bewildered by their criminal son. But they are quite sure he is not a twin.

Jeannie is despondent as she drives her rented car to the jail. She feels sure David will be completely unlike Steve.

The prisoner governor warns her that David is clever and violent, and insists that an armed guard remain with her throughout the interview.

As soon as she sets eyes on David she is sure he is Steve's identical twin. Were it not for the prison uniform she would think it was Steve. He has the same winning smile, too, but as they sit down he says: "You're going to give me your panties." This scares her, but she tells herself nothing can happen to her with an armed guard present, and she presses on.

Her tests show Steven to have a high IQ and high aggression, just like David, but poor social skills. This is the kind of evidence that would support her theory if repeated over a hundred or so twin pairs.

For no apparent reason David points to the guard and says: "Robertson is terrified of rats." Then at the end of the afternoon he surreptitiously takes a live rat from his pocket and releases it. When Robertson sees the rat he screams and goes

9

after it with his nightstick. While he is thus distracted, David produces a home-made knife, holds it at Jeannie's throat, and orders her to take off her panties. Trembling, she pulls down her K-Mart white cotton briefs. David pockets them, hides the knife, sits down and looks innocent. Robertson kills the rat, not having seen what happened between David and Jeannie.

Jeannie makes a split-second decision to avoid embarrassment and say nothing. She leaves the jail with no panties on.

Missed suspicion, because she has no involvement with him.

8. Back in Baltimore a student calls the police and says the picture of the suspect strongly resembles Dr Brian Mulligan, a scientist at JFU (and an ex-boyfriend of Jeannie's).

Mike interviews Brian. He cannot adequately account for his movements on Sunday, and he fits much of the psychological profile. Mike arrests him and orders DNA testing.

Her boss, Lieutenant Strauss, wants to put out a triumphant press release. Mike strongly advises against.

IV: Wednesday The front page of the *Baltimore Sun* carries the headline JFU SCIENTIST HELD IN RAPE CASE.

9. Jeannie reads the paper and rushes to the jail. She is quite sure Brian must be innocent. She is allowed to see him. He is distraught. She tells him they are doing DNA testing and that is bound to clear him. She gets him a lawyer.

Professor Greer questions her on her visit to Richmond. She is obliged to admit that both families deny their sons could be twins. Also, birth records show that Steven was born in Washington and David in Texas six weeks later. Birth records can be wrong as they both know but all the same the signs are that her system does not work. She protests that David looks exactly like Steve, but Greer is sceptical, and he is not going to travel to a jail in Virginia to look.

A New York Times reporter calls and questions Jeannie

What if he's the investigative journalist and love interest?

10

aggressively about the civil rights implications of her use of databases. The reporter claims to be following up Monday's report in *USA Today*, although that did not mention the computer program or Jeannie. Jeannie suspects that Berisford or Greer has inspired this press inquiry, although she cannot imagine what their motive might have been. She defends herself vigorously to the reporter, but after hanging up she wonders whether she should have referred the caller to the university's public relations office, in strict accordance with her employment contract.

She knows that without a way of finding a large number of new subjects from the social underclass she cannot progress her project. She decides to try to rush the next sweep. She calls her FBI contact and begs him to get her the necessary clearance within twenty-four hours. He says he will do his best.

Steve Logan calls and again asks her to dinner. She is afraid that he may have the same aggressive streak as his jailed brother. But it occurs to her that in casual conversation she may pick up stray clues to the mystery of the twins who are not twins, and so she accepts.

10. Mike Delaware is at the laboratory where police DNA testing is carried out. She watches while they compare Brian Mulligan's DNA with that of the sperm of the rapist, delicately separating individual submicroscopic lengths of the DNA molecule, diffusing them through a porous medium, and comparing the distances the different specimens travel under the same electrical impulse. The results are indisputably clear: Brian Mulligan is not the man who raped Lisa Hoxford.

Mike lets him go, wishing that Lieutenant Strauss had not issued that triumphant press release.

11. Over dinner, Steve Logan is charming. During the conversation, Jeannie realises that both Lorraine Logan and Charlotte Pinker gave birth late in life and once only. Did they

11

suffer from what is now called subfertility? Steve knows that his mother did because she has written about the experience.

Jeannie wonders if the two mothers had *in vitro* conceptions (test tube babies). That way it is at least imaginable that they could have been given one twin each.

Steve takes her home. They kiss goodnight. She would like to invite him in, but she is scared.

V: Thursday The Baltimore Sun runs a scare story, based on a leaked version of Mike's psychological profile, headlined THIS MAN WILL KILL. *Yet another article*

12. Blood tests confirm that Steve and David have the same DNA. The mystery deepens.

Jeannie calls Lorraine Logan and Charlotte Pinker and learns that they had fertility treatment at the same place, the Cotswold Clinic in Philadelphia, where army wives were sent. However, they both insist they had hormone treatment, not *in vitro* conceptions.

Jeannie calls the clinic and learns it is owned by Genetico....

Genetico pioneered *inv vitro* fertilizations. Could the clinic have impregnated the two women with test-tube babies without telling them? Steve, a law student, says that if they did the mothers could sue Genetico for millions. If even the suspicion of this becomes public, Genetico shares will plummet and the takeover will be dropped. Shareholders would lose fortunes. Jeannie should take care, he says: she is in danger of annoying powerful people.

She ignores his advice and questions Berisford about Genetico and the clinic. He is very friendly and seems concerned. He tells her how he helped set up Genetico in the seventies with two friends with whom he had worked in the army. He says he will check into this odd business right away.

12

Jeannie's FBI contact says she can run her program tonight. She uploads it by modem and sets it running. She will have the results in the morning.

VI: Friday The *New York Times* runs a savagely hostile piece about Jeannie and her computer program. *Yet another article*

13. Jeannie is summoned to the office of the principal of JFU first thing in the morning. Berisford and Greer are there with the *New York Times* on the table. The principal says that neither the university nor Genetico can tolerate this bad publicity. Jeannie fears they will force her to stop her research. But it is worse than that. She is fired.

She protests angrily. She has an employment contract and it does not give them the right to fire her because of bad publicity. But they have thought of that. She has breached her contract by talking to the *Times* without the permission of the public relations office. And, Berisford adds nastily, she has been seen kissing one of the subjects of her research, a most unprofessional act.

Jeannie can hardly believe this. Three months ago she was the most promising young scientist in her field. Now she is unemployed. She returns to her office to find it locked. Her personal possessions are outside the door in a black plastic bag.

VII: Saturday The Washington Post carries a profile of General Jim Proust, an extreme conservative who is expected to seek the Republican presidential nomination with financial backing from his long-time friend and supporter Dr Paul Barck, president and principal shareholder of Genetico. The Genetico takeover will provide a degree of financial security that may frighten off many rivals, the paper speculates. A paragraph relates how Proust, Barck and Berisford worked together in army medical research at Fort Detrick in the seventies.

Bring them on stage.

and financial

13

14. Jeannie now sees she has been fired for obstructing the political ambitions of the Genetico triumvirate. Steve was right.

Her only possible response is to prove that scientifically she was right. She calls her FBI contact to ask what happened to the results of the sweep. He says he e-mailed them to her computer at JFU. Of course she no longer has access to that computer. Can he send her a duplicate set to her home? No, he didn't keep a copy....

She goes to see Brian Mulligan. His home computer can access the university network. She helped him when he was falsely accused of rape, now he can help her. But the rat refuses. She deceives him and uses his computer when he is not looking. She downloads the data on to a floppy and takes it home. ?

As with any list of millions of names, there are many thousands of MZ twins. (One person in 125 is an identical twin.) Jeannie is only interested in those who were raised apart--MZAs. She begins by eliminating all pairs with the same names and all married women. This leaves a small group of people who have a different surname from their twin for no apparent reason. With phone books on CD-rom she begins tracking them down.

Some have changed their names for various reasons, but she finds several pairs who have no idea they might be twins. These are the MZAs. But she would like to meet some of them to reassure herself that they really are twins. She figures out an itinerary which will take her to see three pairs in four cities over a period of a day and a half.

VIII: Sunday A backgrounder in Rolling Stone magazine draws together the threads of Genetico's research.

The company began in the seventies by trying to breed for certain characteristics--plumpness in turkeys, for example--then using *in vitro* fertilization and cloning techniques to produce

multiple samples of successful strains.

As genetics advanced headlong during the eighties, the company began to fund research at JFU into which aspects of human behaviour are genetically determined. Meanwhile at other universities they studied the chemistry of DNA, linking specific strands of the molecule with specific characteristics such as vulnerability to cancer, IQ, and so on.

Instead of selective breeding they are now working on techniques of altering DNA and then inserting the altered genes directly into the living organism. Their aim, the article finishes dramatically, is an injection that will increase your IQ.

15. Reading this at the airport, Jeannie is able to add a few extra pieces to the jigsaw. Genetico has never been especially interested in IQ. Their focus has always been on aggression--which is why they were so keen to hire her. She guesses that this began back in Fort Detrick days with a program to produce a genetically fearless soldier. Are Steve and David products of such a program?

While she is thinking about him she runs into Steve. At first she is happy to see him but his mood seems odd. After initial coldness he starts coming on very strong to her. Her old worry, that he might at heart be as bad as his twin, resurfaces and she tells him she wants to be alone.

He goes to a phone and calls in a bomb threat. While the airport is being evacuated he gets her alone in an empty room and tries to rape her. She manages to fight him off and goes to the police.

16. Mike Delaware interviews Jeannie then drives to DC and arrests Steve Logan.

She is not entirely happy, however. It is not usual for one man to perpetrate both types of rape, the opportunistic

*If this person isn't Steve
how would he know her?*

acquaintance-rape and the planned stranger-rape: the psychology of the two crimes is completely different. And Steve has an alibi, though not a cast-iron one. Mike even calls Richmond and asks if David has escaped, but he is safe in his cell.

She talks at length to Lorraine Logan. She says that Steve was an almost impossibly difficult child, reckless and impulsive. Punishment made no difference to him because he seemed to have no fear. In the end the only way she could discipline him was by rewarding him for good behaviour, trying not to get hysterical over bad behaviour, and making sure he knew she loved him. This eventually worked. She knows that reckless aggression is still inside Steve, she says; but she feels sure he is not the rapist.

IX: Monday The headline in the *Baltimore Sun* reads JFU RAPIST STRIKES AGAIN.

17. Shaken but undaunted, Jeannie flies to Boston and New York to check out some of her new twins.

Two pairs are very clearly identical and she feels vindicated.

The last pair are Harvey King and Norman Procter. In New York she calls on Harvey.

He looks just like Steve.

She is inside his apartment before she realises. The place terrifies her. He has Nazi memorabilia, gun magazines, masks and chains. She gets out of there as fast as she can and calls Mike Delaware to say she has found a third twin.

X: Tuesday

18. Reflecting on the incident, Jeannie recalls that Harvey showed no sign of recognising her. Therefore she does not believe he is the airport rapist. That must be Norman Procter, who lives in Philadelphia.

Mike Delaware refuses to release Steve, but she flies off to interview Harvey and Norman, taking Jeannie with her.

Both Harvey and Norman have arrest records for crimes of assault and sexual offences, but they both have alibis for Sunday.

Jeannie still does not believe that Steve was the rapist. She is convinced there must be a fifth twin.

XI: Wednesday

19. Mike and Jeannie visit the Cotswold Clinic with a subpoena. They hope to find a complete list of women who were treated there. But the clinic's records for twenty years ago and earlier were shredded...last week.

As they leave there is an attempt on their lives, but it fails.

XII: Thursday

20. Jeannie says she might be able to find the fifth twin if she could run her programme on a really big database. Steve's father helps her get access to the records of the US Army Health Services Command, covering everyone who has been a soldier or has been treated in an army hospital for the last thirty years. Jeannie runs her program.

She finds eight identical electrocardiograms, all belonging to babies born in army hospitals about 21 years ago. Each record has a tag saying a copy has been sent to the Cotswold Clinic. The eight names include Steve Logan, David Pinker, Harvey King and Norman Procter, plus four new ones.

Jeannie concludes that Genetico created eight clones and implanted them in the wombs of unsuspecting army wives. These babies, bred for aggression, have grown up into psychopaths--all but one, Steve, who was blessed with a charismatic mother.

The Baltimore rapist must be one of the new four.

In trying to track them down Mike quickly establishes that two died in childhood. That leaves two: Peter Pedersen and Clifford Jones.

XIII: Friday

21. They track down Pedersen and find he has been killed in the last 24 hours. They have no option but to look for Jones. They cannot find an address for him--but they know he is in Baltimore at weekends.

Jeannie realises that Clifford is the name of the son of Professor Berisford Jones.

XIV: Saturday

22. They finally track Cliff down in a shopping mall. He sets the building on fire in his attempt to escape. Jeannie finds herself alone with him as the building blazes around them. But in the end Berisford himself kills the boy.