

APPENDIX A

STATE CRIME LABORATORY

P.O. BOX 5274
Number 3 Natural Resources Drive
Little Rock, Arkansas 72215

DIS

Laboratory Services
227-5747

REPORT OF LABORATORY ANALYSIS

Medical Examiner
227-5936

Investigating Officer/Agency/Address

Sgt. Mark Allen
West Memphis Police Department
100 Court Street
West Memphis, AR 72301

Laboratory Case Number: 93-05716

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Date Received in Lab: See Below

How Evidence Received: See Below

Agency Case Number:

DIS

Suspect(s):

Victim(s):
James Michael Moore
Steve Edward Branch
Christopher Mark Byers

Date of Report: 06/29/93

ITEMS SUBMITTED FOR EXAMINATION FROM THE MEDICAL EXAMINER'S OFFICE ON MAY 7, 1993:

- FP1: One (1) fiber taken from the hand of the victim
- FP2: Left hand nail scrapings from the victim
- FP3: Right hand nail scrapings from the victim
- FP4: Pulled head hairs from the victim
- FP5: One (1) package of shaved head hair from the victim
- FP6: One (1) package containing ligatures from the wrists of the legs from the right and left sides of the victim
- FP7: Combed head hair from the victim

ITEMS SUBMITTED FOR EXAMINATION FROM THE WEST MEMPHIS POLICE DEPT. ON MAY 7, 1993:

- E1: One (1) blue boy scout shirt
- E2: One (1) black and white shirt with a square pattern.
- E3: One (1) pair of blue pants
- E4: One (1) white tennis shoe (right)
- E5: One (1) blue and yellow cub scout cap
- E6: One (1) black shoe (left) with a purple interior
- E7: One (1) pair of blue jeans with a blue wallet
- E8: One (1) black shoe (right) with a purple interior
- E9: One (1) striped shirt with a surf board design
- E10: One (1) pair of child's underwear
- E11: One (1) white tennis shoe (left)
- E12: One (1) black shoe (right) with one (1) white sock, size 3
- E13: One (1) pair of blue jeans
- E14: One (1) black shoe (left) size 3
- E17: One (1) wooden stick found at the scene

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ITEMS SUBMITTED BY WEST MEMPHIS POLICE DEPT. ON MAY 10, 1993:

- E19: One (1) brown bag containing one (1) hook and one (1) piece of rope found at the scene
- E20a: Pulled head hair from King David Samuel Beasley
- b: Pulled pubic hair from King David Samuel Beasley
- BR1: One (1) pair of blue jeans
One (1) black thermal undershirt
One (1) pair of white socks
Two (2) "Bic" razors
One (1) plastic bag
- BR2: One (1) tan short-sleeved shirt
One (1) blue striped pull-over shirt
One (1) pair of blue jeans
- BR3a: Pulled head hair from Gary Ray Chadwick
- b: Pulled pubic hair from Gary Ray Chadwick
- BR4: One (1) white T-shirt with a beer logo
One (1) pair of tan corduroy pants
- BR5a: Pulled head hair from John Winters
- b: Pulled pubic hair from John Winters

ITEMS SUBMITTED BY WEST MEMPHIS POLICE DEPT. ON MAY 11, 1993:

- E22a: Pulled head hair from Damien Wayne Echols
- b: Pulled pubic hair from Damien Wayne Echols

ITEMS SUBMITTED BY MEDICAL EXAMINER'S OFFICE ON MAY 11, 1993:

- FP8: One (1) white sheet

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ITEMS SUBMITTED BY WEST MEMPHIS POLICE DEPT. ON MAY 12, 1993:

- E23: One (1) knife with a scabbard
- E24: One (1) blue handled ice axe

ITEMS SUBMITTED BY WEST MEMPHIS POLICE DEPT. ON MAY 13, 1993:

- E25: One (1) tire billy
- E26: One (1) boot knife in a leather sheath
- E27: One (1) red pocket knife
- E28: One (1) butterfly knife
- E29: One (1) wooden handled hammer
- E30: One (1) blue handled hammer
- E31: One (1) blue and brown handled hammer
- E32: Pulled public hairs from Kenneth Cagle
- E33a: Pulled head hair from Richard Gordon Cummings, Jr.
- b: Pulled public hair from Richard Gordon Cummings, Jr.
- E34: Pulled head hairs from Det. B. Ridge
- E35a: Pulled head hairs from Tim Dodson
- b: Pulled public hairs from Tim Dodson
- E36a: Pulled head hairs from Thomas Polletta
- b: Pulled public hairs from Thomas Polletta
- E37a: Pulled head hairs from Robert Burch
- b: Pulled public hairs from Robert Burch
- E38a: Pulled head hairs from Steven Skaggs
- b: Pulled public hairs from Steven Skaggs
- E39a: Pulled head hairs from David Shane Wren
- b: Pulled public hairs from David Shane Wren
- E40a: Pulled head hairs from Bruce Strickland
- b: Pulled public hairs from Bruce Strickland

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ITEMS SUBMITTED BY WEST MEMPHIS POLICE DEPT. ON MAY 13, 1993 (CONT.):

- E41: One (1) paper sack containing a nylon sack possessing:
 - Three (3) metal balls
 - One (1) claw hammer with a missing claw
 - One (1) pocket knife
- E43a: Pulled head hairs from Daniel Lefler
- b: Pulled pubic hairs from Daniel Lefler
- E44a: Pulled head hairs from William Welch
- b: Pulled pubic hairs from William Welch
- E45a: Pulled head hairs from Tracy Laxton
- b: Pulled pubic hairs from Tracy Laxton
- E46a: Pulled head hairs from Robert Deangelo
- b: Pulled pubic hairs from Robert Deangelo
- E47a: Pulled head hairs from Jerry Nearn
- b: Pulled pubic hairs from Jerry Nearn
- E48a: Pulled head hairs from Lynn Lucas
- b: Pulled pubic hairs from Lynn Lucas
- E49: One (1) piece of aluminum wire from the scene

ITEMS SUBMITTED BY WEST MEMPHIS POLICE DEPT. ON MAY 19, 1993:

- E50a: Pulled head hairs from Anthony Barnes
- b: Pulled pubic hairs from Anthony Barnes
- E51a: Pulled head hairs from Charles P. Morton
- b: Pulled pubic hairs from Charles P. Morton
- E52a: Pulled head hairs from Joe W. Gooch
- b: Pulled pubic hairs from Joe W. Gooch
- E53a: Pulled head hairs from Michael Headlee
- b: Pulled pubic hairs from Michael Headlee

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ITEMS SUBMITTED BY WEST MEMPHIS POLICE DEPT. ON MAY 19, 1993 (CONT.):

- E54a: Pulled head hairs from David Looney
- b: Pulled pubic hairs from David Looney
- E55a: Pulled head hairs from Lance Renshaw
- b: Pulled pubic hairs from Lance Renshaw
- E56a: Pulled head hairs from James Martin
- b: Pulled pubic hairs from James Martin
- E57: One (1) knife found near the scene
- E58: One (1) knife recovered from Michael Headlee
- E59: One (1) knife found on walker near the bayou

ITEMS SUBMITTED BY WEST MEMPHIS POLICE DEPT. ON MAY 24, 1993:

- BR6: One (1) shirt from Steve Menard
- BR7: One (1) pair of shoes from Steve Menard
- BR8a: Pulled head hairs from Steve Menard
- b: Pulled pubic hairs from Steve Menard
- BR9: Fingernail clippings from Steve Menard
- BR10a: Pulled head hairs from John Mark Byers
- b: Pulled pubic hairs from John Mark Byers
- BR11a: Pulled head hairs from Roy Todd Moore
- b: Pulled pubic hairs from Roy Todd Moore
- E60a: Pulled head hairs from Thomas Holland
- b: Pulled pubic hairs from Thomas Holland
- E63a: Pulled head hairs from Christopher Morgan
- b: Pulled pubic hairs from Christopher Morgan

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ITEMS SUBMITTED BY WEST MEMPHIS POLICE DEPT. ON MAY 27, 1993:

- E64a: Pulled head hairs from L. G. Hollingsworth
- b: Pulled pubic hairs from L. G. Hollingsworth
- E66a: Pulled head hairs from Michael Leiter
- b: Pulled pubic hairs from Michael Leiter
- E68a: Pulled head hairs from Charles M. Craig
- b: Pulled pubic hairs from Charles M. Craig

ITEMS SUBMITTED BY WEST MEMPHIS POLICE DEPT. ON JUNE 7, 1993:

- E70a: Pulled head hairs from Damien Echols
- b: Pulled pubic hairs from Damien Echols

ITEMS SUBMITTED BY WEST MEMPHIS POLICE DEPT. ON JUNE 9, 1993:

- E72: One (1) green electric blanket, labelled as D1
- E73: One (1) pair of blue/green socks, labelled as D2
- E74: One (1) knife, labelled as D3
- E75: One (1) wooden handled knife, labelled as D4
- E76: One (1) purple house coat, labelled as D5
- E77: One (1) black leather pouch, labelled as D6
- E78: One (1) black Harley Davidson T-shirt, labelled as D7
- E79: One (1) blue Muscle Beach T-shirt, labelled as D8
- E80: One (1) blue short-sleeved Bonjour T-shirt, labelled as D9
- E81: One (1) long-sleeved purple shirt, labelled as D10
- E82: One (1) short-sleeved red and white striped pull-over shirt, labelled as D11
- E83: One (1) red bandanna, labelled as D12
- E84: One (1) book with candle wax, labelled as D13

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Victim(s):
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ITEMS SUBMITTED BY WEST MEMPHIS POLICE DEPT. ON JUNE 9, 1993 (CONT.):

- E85: One (1) black short-sleeved T-shirt, labelled as D14
- E86: One (1) purple short-sleeved T-shirt, labelled as D15
- E87: One (1) red sweater, labelled as D16
- E88: One (1) pink sheet, labelled as D17
- E89: One (1) black T-shirt, labelled as D18
- E90: One (1) black T-shirt with genstones painted on the front
- One (1) pair of black jeans
- One (1) red pull-over shirt
- One (1) black Rangers T-shirt (all E90 items labelled as D19)
- E91: One (1) pair of black boots with one (1) pair of white socks, labelled as D21
- E92: One (1) red and white striped pull-over shirt, labelled as D22
- E93: One (1) pair of green socks, labelled as D24
- E94: One (1) pair of black sweatpants, labelled as D25
- E95: One (1) pair of black Reebok tennis shoes, labelled as D26
- E96: Three (3) black Iron Maiden T-shirts
- One (1) black Motley Crue T-shirt
- Two (2) black Megadeth T-shirts
- Four (4) black Metallica T-shirts (all E96 items labelled as J2)
- E97: One (1) purple house coat, labelled as J3
- E98: One (1) blue house coat, labelled as J4
- E99: One (1) red house coat, labelled as J5
- E101: One (1) red throw rug, labelled as J7
- E102: One (1) blue pad cover
- One (1) pink wash cloth with animal teeth (all E102 items labelled as J8)
- E103: One (1) black shirt with a Batman emblem, labelled as J9
- E104: Three (3) pairs of black jeans
- One (1) pair of green jeans
- One (1) black vest with a zipper (all E104 items labelled as J10)

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ITEMS SUBMITTED BY WEST MEMPHIS POLICE DEPT. ON JUNE 9, 1993 (CONT.):

- E105: One (1) pair of white Nike tennis shoes, labelled as J11
- E106: One (1) black Megadeth T-shirt
One (1) black Testament T-shirt
One (1) black Iron Maiden T-shirt
One (1) black Metallica T-shirt
One (1) green raincoat (all E106 items labelled as J12)
- E107: One (1) pair of blue jeans
One (1) pair of shorts (all E107 items labelled as J13)
- E108: One (1) bar of soap with paint or wax, labelled as J14
- E109: Three (3) piece toilet seat cover, labelled as J15
- E110: One (1) pair of green boots, labelled as J16
- E111: One (1) folding knife, labelled as M1
- E112: One (1) purple bandanna
One (1) pair of black and orange shorts
One (1) pair of black shorts (all E112 items labelled as M2)
- E113: One (1) black head mask, labelled as M3
- E114: One (1) sleeveless grey T-shirt, labelled as M4
- E115: One (1) pair of blue jeans, labelled as M5
- E116: One (1) grey and red ball shirt
One (1) black Reba T-shirt
One (1) black Poison T-shirt
One (1) blue Dallas Cowboy's sweat shirt (all E116 items labelled as M6)
- E117: One (1) black British Knights sweat shirt
One (1) pair of black shorts
One (1) blue and grey pin-striped sleeveless shirt
One (1) black sleeveless Harley Davidson T-shirt (all items E117 labelled as M7)
- E118: One (1) green plaid long-sleeved shirt, labelled as M8
- E120: One (1) purple shirt
One (1) pair of red long Johns (all E120 items labelled as M10)

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Victim(s):
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ITEMS SUBMITTED BY WEST MEMPHIS POLICE DEPT. ON JUNE 9, 1993 (CONT.):

- E122: One (1) pink blanket, labelled as DT1
- E124: One (1) blue candle, labelled as DT3
- E125: One (1) white rope, labelled as DT4
- E126: One (1) knife with a black leather sheath, labelled as DT5
- E127: Slides collected by myself during the searches from items corresponding to the D, J, M and DT items. Also included:
 - LS1: Hair removed from tree root at the crime scene
 - LS2: Tape lifts from the tree root at the crime scene
- E128: One (1) pair of black jeans
One (1) red T-shirt
One (1) pair of white socks
One (1) pair of white underwear
- E129: One (1) pair of black boots
- E131: One (1) black Metallica T-shirt
One (1) pair of grey jeans
One (1) black Chicago Bulls T-shirt
One (1) black Chicago Bulls ball cap
One (1) brown belt
One (1) pair of black shorts
One (1) pair of white underwear
- E132: Wooden slats recovered at the crime scene
- E133: One (1) folding knife
- E134: One (1) knife with a black leather sheath
- E135: One (1) knife

ITEMS EXAMINED AT WEST MEMPHIS POLICE DEPT. ON JUNE 4, 1993:

- E136: One (1) red and black bicycle
- E137: One (1) green and brown bicycle

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ITEMS SUBMITTED BY WEST MEMPHIS POLICE DEPT. ON JUNE 24, 1993:

E138: One (1) pair of black shoe laces
E139: One (1) pair of tennis shoes

RESULTS OF ANALYSIS:

Reference reports 93-05717 and 93-05718

Examination of the ligatures revealed two (2) pieces of black shoe string; one (1) each tied between the wrist and leg on the right and left side. The knots on the wrist and leg on the left side were both square knots. The knot on the wrist on the right side was a series of three (3) half hitches. The knot on the left on the right side was a series of four (4) half hitches.

Hair and fiber examinations were conducted on most of the submitted items.

A single black polyester fiber microscopically similar to those used in the construction of E78 was recovered from E134. Also recovered from E134 was a single blue polyester fiber microscopically similar to those used in the construction of E109.

A single green cotton fiber microscopically similar to those used in the construction of E79 was recovered from E3. Two (2) green polyester fibers microscopically similar to those used in the construction on E79 were recovered from E3 and E5.

Three (3) red cotton fibers microscopically similar to those used in the construction of E92 were recovered from E1, E3 and BR1.

A single red rayon fiber microscopically similar to those used in the construction of E99 was recovered from E2.

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Suspect(s):

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Christopher Mark Byers

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Date of Report: 06/29/93

It is pointed out that fibers do not possess a sufficient number of unique individual microscopic characteristics to be positively identified as having originated from a particular person to the exclusions of all others.

A number of hairs were recovered from various items submitted. Only those deemed of forensic value are mentioned in this report.

Two (2) brown Caucasian head hair fragments microscopically similar to the hairs in E70a and E35a were recovered from FP5 (Case 93-05717). Some of the hairs in E70a and E35a were very similar to each other. The hairs in FP5 (Case 93-05717) were of this type and could have a common origin with either E70a or E35a.

A dark brown dyed hair of unknown origin was recovered from FP7 (Case 93-05717). A light brown Caucasian hair of unknown origin was recovered from E5. LSI consisted of a brown Caucasian (possible) pubic hair of unknown origin. Numerous Caucasian hairs of unknown origin were recovered from BR1. A single Negroid hair fragment was recovered from FP10 (Case 93-05718). A brown Caucasian (possible) pubic hair fragment of unknown origin was recovered from E134. Should additional hair standards be submitted, these hairs will be re-examined.

It is possible that hairs not deemed of significant forensic value at the time of this report will become significant upon the submission of additional standards.

It is pointed out that hairs do not possess a sufficient number of unique individual microscopic characteristics to be positively identified as having originated from a particular person to the exclusions of all others.

The hairs and fibers will be retained in the Laboratory pending possible future comparisons.

Lisa D. Sakevicius
Lisa D. Sakevicius, Criminalist

LDS:11

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Laboratory Case Number: 93-05718

Date Received in Lab: See Below

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Suspect(s):

Victim(s):
Christopher Mark Byers

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ITEMS SUBMITTED FOR EXAMINATION FROM THE MEDICAL EXAMINER'S OFFICE ON MAY 7, 1993:

- FP1: One (1) package of combed head hair
- FP2: One (1) package of pulled head hair
- FP3: One (1) package containing a hair found on the body
- FP4: One (1) package containing left hand nail scrapings
- FP5: One (1) package containing right hand nail scrapings
- FP6: One (1) package containing hair found on the lower body
- FP7: One (1) package of shaved head hair from wounds
- FP8: One (1) package containing ligatures from the wrists of the legs on the right and left side

ITEMS SUBMITTED BY MEDICAL EXAMINER'S OFFICE ON MAY 10, 1993:

- FP9: One (1) package containing hair from perineum

ITEMS SUBMITTED BY MEDICAL EXAMINER'S OFFICE ON MAY 11, 1993:

- FP10: One (1) white sheet

RESULTS OF ANALYSIS:

Reference report 93-05716

Examination of the hair in FP9 revealed vegetable material and a single Caucasian head hair fragment microscopically similar to the hairs in FP2. This hair is consistent with having a common origin with the hairs in FP2.

It is pointed out that hairs do not possess a sufficient number of unique individual microscopic characteristics to be positively identified as having originated from a particular person to the exclusions of all others.

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Suspect(s):

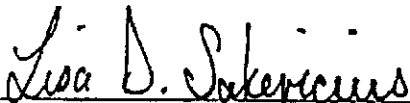
Victim(s):
Christopher Mark Byers

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Examination of the ligatures revealed one (1) black shoe string tied in a double half hitch around the right wrist to a double half hitch around the right leg. The ligature on the left side also consisted of a double half hitch around the wrist and leg but was tied with a white shoe string.

No evidence of forensic value was found in FP1, FP3, FP4, FP5 or FP6.



Lisa D. Sakevicius, Criminalist

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Suspect(s):

Victim(s):
Steve Edward Branch

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ITEMS SUBMITTED FOR EXAMINATION FROM THE MEDICAL EXAMINER'S OFFICE ON MAY 7, 1993:

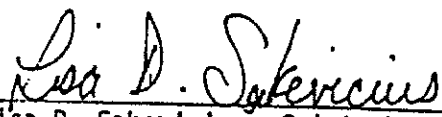
- FP1: One (1) package of head hair combings
- FP2: One (1) package of pulled head hair
- FP3: One (1) package containing left hand nail scrapings
- FP4: One (1) package containing right hand nail scrapings
- FP5: One (1) package containing shaved head hair from wounds
- FP6: One (1) package containing ligatures from the wrists to the legs on the right and left sides

RESULTS OF ANALYSIS:

Reference report 93-05716

Examination of the ligatures revealed a black shoe string on the right side tied in three (3) half hitches with an extra loop around the leg to a single half hitch with a figure eight around the right wrist. The left side consisted of a white shoe string tied in three (3) half hitches around the wrist to three (3) half hitches around the leg.

No evidence of forensic value was recovered from FP1, FP3, FP4 or FP5.


Lisa D. Sakevicius, Criminalist

LDS:11

APPENDIX B



CITY OF WEST MEMPHIS

POLICE DEPARTMENT

100 Court Street - West Memphis, Arkansas 72301 - (501) 735-1210

Kermile Channel
Arkansas Crime Lab
Little Rock, Arkansas 72215

May 26, 1993

Dear Kermile,

I have a list of questions which is vital to our investigation. I understand Dr. Peretti will be out of the office for possibly another week and we still have many questions left unanswered.

- (1) Time of death?
- (2) Cause of Death?
Dr. Peretti stated he would send me his report over a week ago I still have yet to see it.

- (3) Pictures of clothing of the boys and the other set of clothing found away from the crime scene.

We took some pictures, however, we did not disturb clothing so not to lose any possible forensic evidence which the lab could possibly find.

- (4) Which clothing belonged to which boy?

If the lab can lay out the clothing and take photos we could get parents to ID the clothing.

We feel this is important due to two sets of clothing were turned inside out and one set taken of in a more proper manner.

Can it be determined from the clothing if the boys were wearing their clothes when they were initially taken.

Is there any tears or blood or punctures found in clothing of the boys?

- (5) Were the kids sodomized? If so what are the findings?
Any tears, bruising, ect.



CITY OF WEST MEMPHIS

POLICE DEPARTMENT

100 Court Street - West Memphis, Arkansas 72301 - (501) 735-1210

- (6) Any blood found on clothing of the kids? Whose blood?
- (7) Can you provide a wound diagram and explain injuries the boys received?
- (8) Was the stick we sent used as a weapon on the children? The stick appeared to have been carved on or possibly done by animal can the lab address this.

One boy had bruising which appeared to be where struck with something possibly the stick on his leg.

- (9) Dr. Perretti mentioned finding urine in the stomach of two boys and requested from us water samples.

What has been determined in regards to the urine?
Can the urine, if that is what it is, be used to eliminate any suspects or develop any.

- (10) Were the boys forced to perform oral sex on offender(s)? Please explain findings.
- (11) Lisa-Trace, has been very helpful could I get a description of fibers found, color and what areas should were look for similar fibers.
- (12) Which boys have similar fibers on them and description of them. Lisa has given me some information on this.
- (13) Any residue found under nails of boys?
- (14) Is there anything which would indicate a black male involvement?
- (15) Reference to injuries of kids. Defensive wounds, how severe? Were the kids dragged.
- (16) Can you tell us which kid was killed first?



CITY OF WEST MEMPHIS

POLICE DEPARTMENT

100 Court Street - West Memphis, Arkansas 72301 - (501) 735-1210

Anything you can think to give us would be greatly appreciated. We need information from the Crime Lab desperately. Today is the third week the boys were missed by parents. Tomorrow 05/27/93, will be the actual third week. We feel like we have not gotten sufficient information from the Crime Lab. We realize you have other cases coming in and must go to court on other matters, however, this case has received National recognition and without the Crime Labs information our hands are tied.

The efforts of everyone at the Crime Lab is greatly appreciated. The officers investigating this matter and myself need this information. We feel as though we are walking blind folded through this case at this moment.

Please answer the above questions as soon as possible and fax it to my attention. 501-732-7538. Thanks

Gary W. Gitchell, Inspector
West Memphis Police Department

Gary Gitchell

APPENDIX C

STATE CRIME LABORATORY

P.O. BOX 5274
Number 3 Natural Resources Drive
Little Rock, Arkansas 72215

Laboratory Services
227-5747

REPORT OF LABORATORY ANALYSIS

Medical Examiner
227-5938

Investigating Officer/Agency/Address

Sgt. Mark Allen
Hest Memphis Police Department
100 Court Street
Hest Memphis, AR 72301

Laboratory Case Number: 93-05718

Page 1 of 1

Date Received in Lab: 05/07/93

How Evidence Received: H C H. E.

Agency Case Number:

Suspect(s):

Victim(s):
Christopher Mark Byers

Date of Report: 06/02/93

ITEMS SUBMITTED BY MEDICAL EXAMINER'S OFFICE:

- K1 Blood sample from Christopher Mark Byers (MEA 331-93)
- Q1 Oral swabs and smear slides
- Q2 Rectal swabs and smear slides
- Q3 Nasal swabs and smear slides
- Q4 Ligature - shoe strings

RESULTS OF EXAMINATION:

Blood, not further characterized, was identified on Q1 and Q3. No blood was found on Q2.

Tissue was recovered from Q4.

No semen was found on Q1, Q2 or Q3.


Kermit B. Channell II, Serologist

KBC:11

STATE CRIME LABORATORY

P.O. BOX 5274
Number 3 Natural Resources Drive
Little Rock, Arkansas 72215

DIS

Laboratory Services
227-5747

REPORT OF LABORATORY ANALYSIS

Medical Examiner
227-5938

Investigating Officer/Agency/Address

Sgt. Mark Allen
West Memphis Police Department
100 Court Street
West Memphis, AR 72301

Laboratory Case Number: 93-05717

Page 1

Date Received in Lab: 05/07/93

How Evidence Received: H C M. E.

Agency Case Number:

Suspect(s):

Victim(s):
Steve Edward Branch

Date of Report: 06/02/93

EVIDENCE SUBMITTED BY MEDICAL EXAMINER'S OFFICE:

Q1 Oral swabs and smear slides

K1 Blood sample from Steve Edward Branch (MEA
330-93)

Q2 Rectal swabs and smear slides

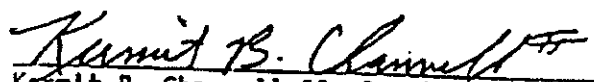
Q3 Nasal swabs and smear slides

Q4 Penile swabs and smear slides

RESULTS OF EXAMINATION:

Blood, not further characterized, was identified on Q1 and Q3. No blood was found on any other items.

No semen was found on any items.


Kermit B. Channell II, Serologist

KBC:11

APPENDIX D

REPORT OF LABORATORY ANALYSIS

Investigating Office/Agency/Address

Det. Bryan Ridge
West Memphis Police Department
100 Court Street
West Memphis, AR 72301

Laboratory Case Number: 93-05716
Date Received in Lab: 05/07/93
How Evidence Received: H C Masengale
Agency Case Number: 93-05-0666

Page

Suspect(s):

Damien Wayne Echols
Michael Wayne Hutchenson
Kenneth Cagle
Richard Gordon Cummings Jr.
Steve Menard
John Mark Byers
Todd Moore
Christopher Morgan

Victim(s):

James Michael Moore

Date of Report: 06/01/93

EVIDENCE SUBMITTED BY MEDICAL EXAMINER'S OFFICE:

- K1 Blood sample from James Michael Moore (ME 329-93)
- Q1 Oral swabs and smear slides
- Q2 Rectal swabs and smear slides
- Q3 Nasal swabs and smear slides
- Q4 Penile swabs and smear slides

EVIDENCE SUBMITTED BY WEST MEMPHIS POLICE DEPARTMENT:

- Q5 Wallet (E-7)
- Q6 Bluejeans (E-7)
- Q7 Tennis shoe, right (E-8)
- Q8 Shirt (E-1)
- Q9 T-shirt (E-2)
- Q10 Pants (E-3)
- Q11 Tennis shoe, right (E-4)
- Q12 Boy scout cap (E-5)
- Q13 Tennis shoe, left (E-6)
- Q14 Wooden stick (E-17)
- Q15 T-shirt (E-1: Gary Chadwick)
- Q16 Bluejeans (E-1: Gary Chadwick)
- Q17 T-shirt (E-1: Johnny Witner)
- Q18 Pants (E-1: Johnny Witner)
- Q19 Hook (E-19)
- Q20 Rope (E-19)

MISCELLANEOUS CLOTHING (E-):

- Q21 Blue jeans
- Q22 Shirt
- Q23 Socks
- Q24 Shirt
- Q25 Plastic bag

STATE CRIME LABORATORY

P.O. BOX 5274
Number 3 Natural Resources Drive
Little Rock, Arkansas 72215

Laboratory Services
227-5747

REPORT OF LABORATORY ANALYSIS

Medical Examiner
227-5936

Investigating Officer/Agency/Address

Det. Bryan Ridge
West Memphis Police Department
100 Court Street
West Memphis, AR 72301

Laboratory Case Number: 93-05716

Page 2

Date Received in Lab: 05/07/93

How Evidence Received: H C Masengale

Agency Case Number: 93-05-0666

Suspect(s):

Damien Wayne Echols
Michael Wayne Hutchenson
Kenneth Cagle
Richard Gordon Cummings Jr.
Steve Henard
John Mark Byers
Todd Moore
Christopher Morgan

Victim(s):

James Michael Moore

Date of Report: 06/01/93

- Q26 Knife and wooden scabbard (E-23)
- Q27 Ice axe (E-24)
- Q28 Tennis shoe, right (E-12)
- Q29 Sock (E-12)
- Q30 Underwear (E-10)
- Q31 Tennis shoe, right (E-11)
- Q32 T-shirt (E-9)
- Q33 Tennis shoe, left (E-14)
- Q34 Blue jeans (E-13)

ITEMS FROM RICHARD CUMMINGS

- | | |
|-------------------|-----------------------|
| Q35 Hammer (E-31) | Q40 Hammer (E-30) |
| Q36 Knife (E-26) | Q41 Knife (E-28) |
| Q37 Knife (E-27) | Q42 Tire Billy (E-25) |
| Q38 Hammer (E-29) | |

- Q39 Ligature - shoe string (ME 329-93)
- Q43 Knife (E-57)
- Q44 Knife (E-58)
- Q45 Knife (E-59)
- Q46 Hammer (E-41)
- Q47 Metal balls (E-41)
- Q48 Knife (E-41)
- Q49 Wire (E-49)

ITEMS FROM STEVE HENARD (E-50)

- | | |
|-----------|-----------------|
| Q50 Socks | Q53 Shoe, right |
| Q51 Socks | Q54 Shoe, left |
| Q52 Shirt | |

STATE CRIME LABORATORY

P.O. BOX 5274
Number 3 Natural Resources Drive
Little Rock, Arkansas 72215

Laboratory Services
227-5747

REPORT OF LABORATORY ANALYSIS

Medical Examiner
227-6838

Investigating Office/Agency/Address

Det. Bryan Ridge
West Memphis Police Department
100 Court Street
West Memphis, AR 72301

Laboratory Case Number: 93-05716

Date Received in Lab: 05/07/93

How Evidence Received: H C Masengale

Agency Case Number: 93-05-0666

Page 3

Suspect(s):
Damien Wayne Echols
Michael Wayne Hutchenson
Kenneth Cagle
Richard Gordon Cummings Jr.
Steve Menard
John Mark Byers
Todd Moore
Christopher Morgan

Victim(s):
James Michael Moore

Date of Report: 06/01/93

SUSPECT SAMPLES

- K2 Blood sample from Damien Echols (E-22)
- K3 Saliva sample from Damien Echols (E-22)
- K4 Blood sample from Richard Cummings (E-33)
- K5 Saliva sample from Richard Cummings (E-33)
- K6 Blood sample from Steven Skaggs (E-38)
- K7 Saliva sample from Steven Skaggs (E-38)
- K8 Blood sample from Thomas Polletta (E-36)
- K9 Saliva sample from Thomas Polletta (E-36)
- K10 Blood sample from Tim Dodson (E-35)
- K11 Saliva sample from Tim Dodson (E-35)
- K12 Blood sample from William Welch (E-44)
- K13 Saliva sample from William Welch (E-44)
- K14 Blood sample from Robert Deangelo (E-46)
- K15 Saliva sample from Robert Deangelo (E-46)
- K16 Blood sample from Robert Burch (E-37)
- K17 Saliva sample from Robert Burch (E-37)
- K18 Blood sample from Daniel LeFler (E-43)
- K19 Saliva sample from Daniel LeFler (E-43)
- K20 Blood sample from Tracy Laxton (E-45)
- K21 Saliva sample from Tracy Laxton (E-45)
- K22 Blood sample from James Martin (E-56)
- K23 Blood sample from Anthony Barnes (E-50)
- K24 Blood sample from Lance Renshaw (E-55)
- K25 Blood sample from David Looney (E-54)
- K26 Blood sample from Joe Gooch (E-52)
- K27 Blood sample from Michael Headlee (E-53)
- K28 Blood sample from Charles Morton (E-51)
- K29 Blood sample from Thomas Holland (E-61)
- K30 Saliva sample from Thomas Holland (E-61)

CRIME LABORATORY

D13

P.O. BOX 5274
Number 3 Natural Resources Drive
Little Rock, Arkansas 72215

Laboratory Services
227-5747

REPORT OF LABORATORY ANALYSIS

Medical Examiner
227-5038

Investigating Officer/Agency/Address

Det. Bryan Ridge
West Memphis Police Department
100 Court Street
West Memphis, AR 72301

Laboratory Case Number: 93-05716

Page.

Date Received in Lab: 05/07/93

How Evidence Received: H C Masengale

Agency Case Number: 93-05-0666

Suspect(s):

Damien Wayne Echols
Michael Wayne Hutchenson
Kenneth Cagle
Richard Gordon Cummings Jr.
Steve Menard
John Mark Byers
Todd Moore
Christopher Morgan

Victim(s):

James Michael Moore

Date of Report: 06/01/93

SUSPECT SAMPLES:

- K32 Saliva sample from Christopher Morgan (E-62)
- K33 Blood sample from Steve Menard (E-55)
- K34 Blood sample from John Byers (E-57)
- K35 Blood sample from Roy Todd Moore (E-59)
- K36 Blood sample from L. G. Hollingsworth (E-65)
- K37 Blood sample from Michael Leiter (E-67)
- K38 Blood sample from Charles Craig (E-69)

RESULTS OF EXAMINATION:

Human blood was identified on Q52. Blood, too limited in quantity for further characterization, was identified on Q44. Blood, not further characterized, was identified on Q1 and Q3. No blood was found on any other questioned items.

Tissue was recovered from Q37 and Q39.

No semen was found on any items.

Samples have been retained.


Kermit B. Channell II, Serologist

KBC/jl

APPENDIX E

Laboratory Services
227-6747

REPORT OF LABORATORY ANALYSIS

Medical Examiner
227-5838

Investigating Officer/Agency/Address

Det. Bryn Ridge
West Memphis Police Department
100 Court Street
West Memphis, AR 72301

Laboratory Case Number: 93-05716
Date Received in Lab: 05/17/93
How Evidence Received: H C Blair
Agency Case Number: 93-05-0666

Page 1 of 1

Suspect(s):
Damien Wayne Echols
Michael Wayne Hutchenson
Kenneth Cagle
Richard Gordon Cummings Jr.

Victim(s):
James Michael Moore
Steve Branch
Christopher Byers

Date of Report: 05/24/93
Re: Case Numbers 93-05716, 93-05717 and 93-05718
ITEMS SUBMITTED AND EXAMINED:

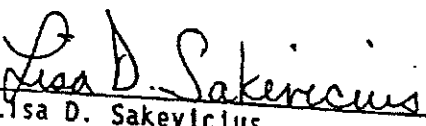
FP5 (93-05717) : Shaved hair from Steve Branch
E22A (93-05716): Known hair sample from Damien Echols

RESULTS OF ANALYSIS:

Two dark brown Caucasian head hairs were recovered from FP5. The hairs are not consistent with having originated from the same person as the known sample (FP5).

Some microscopic similarities and dissimilarities exist between the two questioned hairs (FP5) and those from E22A. Examination is inconclusive at this time.

The hair sample received from Damien Echols (E22A) was inadequate in the number of hair submitted and the regions of the scalp sampled. The laboratory requests an additional sample from Damien Echols in order to conduct a more accurate hair comparison.


Lisa D. Sakevicius
Criminalist

LDS/j1

APPENDIX F

TRACE EVIDENCE
LISA-TRACE EXAMINER.

WED 05-12-93

10:27AM

HAVE ONLY TAKEN A BRIEF LOOK AT KNOTS WILL CALL BACK TODAY.
REF. HAIR WILL BE MONDAY BEFORE KNOWING ANYTHING.

PUBIC HAIR-WILL BE NEXT WEEK BEFORE ABLE TO GET ANY
INFORMATION ON HAIR FIBERS.

LISA STATES SHE HAS ONLY BEEN COLLECTING ALL SAMPLES WE HAVE
GIVEN HAS NOT HAD A CHANCE TO LOOK OR EXAMINE THEM. ONLY BEEN
COLLECTING HAIR FIBERS AND SOIL. A LOT OF HAIR ON ITEMS AT
SCENE. LISA IS REFERRING TO SEPARATE CLOTHING FOUND CLOSE
TO PIPE. ON SHIRT A LOT OF HAIR AROUND COLLAR SATES THIS IS
TYPICAL.
EARLY NEXT WEEK BEFORE SHE CAN PROVIDE ANY FINDINGS.

WEST MEMPHIS POLICE
confidential
COPY TO PROSECUTOR
AUGUST 13 1993

STATE CRIME LABORATORY

P.O. BOX 5274
Number 3 Natural Resources Drive
Little Rock, Arkansas 72215

DIS

Laboratory Services
227-6747

REPORT OF LABORATORY ANALYSIS

Medical Examiner
227-5936

Investigating Officer/Agency/Address

Sgt. Mark Allen
West Memphis Police Department
100 Court Street
West Memphis, AR 72301

Laboratory Case Number: 93-05716

Page 1 of 1

Date Received in Lab: 05/07/93

How Evidence Received: M E / Matthew Elliott

Agency Case Number:

Suspect(s):

Damien Wayne Echols
Jason Baldwin
Jessie Misskelley

Victim(s):

James Michael Moore

Date of Report: 09/29/93

SUPPLEMENTAL REPORT, REFERENCE REPORT DATED 6/29/93:

ITEMS SUBMITTED AND EXAMINED:

E147: One (1) knife with a black sheath

*Crime lab
Report on
Knife found at
School.*

RESULTS OF ANALYSIS:

Two (2) caucasian head hair fragments were recovered from the handle of E147. They were too small to be of further comparative value.

Fibers were collected and compared to those items recovered at the scene. No similar fibers were found. The fibers are being retained for possible future comparisons.

Lisa D. Sakevicius

Lisa D. Sakevicius, Criminalist
LDS:re

I, Jim Clark, Executive Director of the Arkansas State Crime Laboratory, do hereby attest, as required by Arkansas Code 12-12-313, that the information found in this report reflects a true and accurate analysis of the aforementioned items, performed by the analyst listed above.

Jim Clark
Jim Clark, Executive Director

State of Arkansas
County of Pulaski

Subscribed and sworn to before me, the undersigned Notary Public on this 30 day
of September, 1993.

Jim F. Lee
My Commission Expires 7-30-2003

APPENDIX G

STATE CRIME LABORATORY

P.O. BOX 5274
Number 3 Natural Resources Drive
Little Rock, Arkansas 72215

Laboratory Services
227-5747

DIS

REPORT OF LABORATORY ANALYSIS

Medical Examiner
227-5936

Investigating Officer/Agency/Address

Det. B. Ridge
West Memphis Police Department
100 Court Street
West Memphis, AR 72301

Laboratory Case Number: 93-05716

Date Received in Lab: 09/02/93

How Evidence Received: H C Bryn Ridge

Agency Case Number: 93050666

Page 1 of

Suspect(s):
Damien Wayne Echols
Jason Baldwin
Jessie Misskelley

Victim(s):
James Michael Moore
Christopher Mark Byers
Steven Edward Branch

Date of Report: 09/09/93

SUPPLEMENTAL REPORT, REFERENCE REPORT DATED 6/29/93:

ITEMS SUBMITTED AND EXAMINED:

BR12 One (1) wooden stick
BR13 One (1) wooden stick
E140 One (1) knife from Donald Warwick
E143 a: Known head hair sample from Jason Baldwin
b: Known pubic hair sample from Jason Baldwin
c: Known body hair sample from Jason Baldwin
E146 a: Known head hair sample from Jessie Misskelley Jr.
b: Known pubic hair sample from Jessie Misskelley Jr.
c: Known body hair sample from Jessie Misskelley Jr.

RESULTS OF ANALYSIS:

Fibers were collected from BR12, BR13, and E140. They were compared to previously submitted standards. No matches were found.

Due to the submission of addition standards, a caucasian head hair recovered from the ligatures (FP8 - 5718) was found to be microscopically similar to hairs in E143a. This hair is consistent with having a common origin with the hair sample E143a.

Lisa D. Sakivicius
Lisa D. Sakivicius, Criminalist
LDS/scb

STATE CRIME LABORATORY

P.O. BOX 5274
Number 3 Natural Resources Drive
Little Rock, Arkansas 72215

DIS

Laboratory Services
227-5747

REPORT OF LABORATORY ANALYSIS

Medical Examiner
227-5936

Investigating Officer/Agency/Address

Det. B. Ridge
West Memphis Police Department
100 Court Street
West Memphis, AR 72301

Laboratory Case Number: 93-05716

Page 2

Date Received in Lab: 09/02/93

How Evidence Received: H C Bryn Ridge

Agency Case Number: 93050666

Suspect(s):

Damien Wayne Echols
Jason Baldwin
Jessie Misskelley

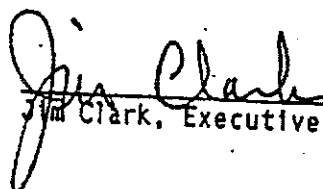
Victim(s):

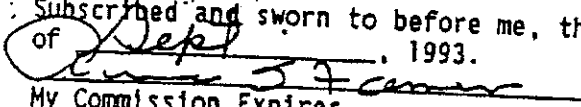
James Michael Moore
Christopher Mark Byers
Steven Edward Branch

Date of Report: 09/09/93

I, Jim Clark, Executive Director of the Arkansas State Crime Laboratory, do hereby attest, as required by Arkansas Code 12-12-313, that the information found in this report reflects a true and accurate analysis of the aforementioned items, performed by the analyst listed above

State of Arkansas
County of Pulaski


Jim Clark, Executive Director

Subscribed and sworn to before me, the undersigned Notary Public on this 16th day
of Sept, 1993.

My Commission Expires

APPENDIX H



CARLOS L. RABREN
DIRECTOR

JAMES M. BUTTRAM, Ph.D.
DEPUTY DIRECTOR

ALABAMA DEPARTMENT OF
FORENSIC SCIENCES
HUNTSVILLE DIVISION

718 ARCADIA CIRCL E
HUNTSVILLE ALABAMA 35801
(205) 539-1401
FACSIMILE (205) 533-2855

January 5, 1994

Brent A. Wheeler
Laboratory Director

SERVICES

Forensic Drug Chemistry
Forensic Pathology
Forensic Serology
Trace Evidence Examination
Firearms/Toolmarks Examination
Crime Scene Investigation

Re: Case 01A-94HV00203
James Michael Moore, subject
Steve Edward Branch, subject
Christopher Mark Byers,
subject
Damien W. Echols, suspect
Jason Baldwin, suspect
Jessie Misskelley, suspect

MEMORANDUM: To File

BY : John H. Kilbourn, Forensic Scientist IV

SUBJECT : Examination of Physical Evidence

At the request of Arkansas Prosecuting Attorney Brent Davis, this examiner and Forensic Scientist Rodger Morrison assisted the Arkansas Crime Laboratory in the examination of various items of evidence in the above styled case. The initial examination of the evidence was conducted at the Arkansas Crime Laboratory in Little Rock, Arkansas. Present and assisting during the examinations in Little Rock was Criminalist Lisa Sakevicius. Criminalist Sakevicius also assisted in the selection of the items of evidence to be examined. Items of evidence were also brought to the Huntsville Regional Division of the Alabama Department of Forensic Sciences for examination and analysis. The following is a list of items of evidence examined and the results of the examination of these items:

- K1 - Four (4) microscope slides bearing numerous hairs with each slide identified as the known hair of Steven Branch.
- K2 - Three (3) microscope slides bearing numerous hairs with each slide identified as the known hair of Christopher Byers.



Page 2-Examination of Physical Evidence, Case 01A-94HV00203

- K3 - Four (4) microscope slides bearing numerous hairs with each slide identified as the known hair of James Moore.
- K4 - Nine (9) microscope slides bearing numerous hairs with each slide identified as known hair from Damien Echols.
- K5 - Three (3) microscope slides each bearing hairs and each slide identified as the known hair of Jason Baldwin.
- K6 - One (1) microscope slide bearing hairs and identified as the known hair of Jessie Misskelley.
- K7 - Three (3) microscope slides each bearing hairs and each slide identified as from Mr. Dodson.
- Q1 - One (1) microscope slide bearing one hair. This slide was labeled "93-05717 FP5 QH shaved hair Branch".
- Q2 and Q3 - One (1) microscope slide bearing two hairs. This slide was labeled "93-05717 FP5 QH shaved Branch LS 5-20-93".
- Q4 - One (1) microscope slide labeled "9305716 E5 QH Boy Scout Cap LS 5-18-93" and bearing two hairs.
- Q5 - One (1) microscope slide labeled "93-05716 E 148 QH inside shoe LS 10-14-93" and bearing one hair.
- Q6 - One (1) microscope slide labeled "93-05716 E127LS1 QH Tree (root stump) LS 6/9/93" and bearing one hair.
- Q7 - One (1) microscope slide labeled "93-05716 E134 QH LS 6-14-93" and bearing one hair.
- Q8 - One (1) microscope slide labeled "93-05716 E148 QH shoe lace LS 10-14-93" and bearing one hair.
- Q9 - One (1) microscope slide labeled "93-05718 FP8 QH ligature Burns LS 5-18-93" and bearing one hair.
- Q10 - One (1) microscope slide labeled "93-05718 FP6 QH lower leg vict. LS 5-14-93" and bearing one hair.

Page 3-Examination of Physical Evidence, Case 01A-94HV00203

December 10, 1993, this examiner received via UPS from Criminalist Sakevicius the following items of evidence:

- K8 - One manila envelope containing two microscope slides with mounted hairs and labeled "9305716 E168 KHH Murray".
- K9 - One envelope containing hair and labeled in part "E-155 Melissa Byers".
- K10 - One envelope containing hair and labeled in part "E-156 Steve Branch".
- K11 - One envelope containing hair and labeled in part "E-157 Sherri Branch".
- K12 - One envelope containing hair and labeled in part "E-158 Diana M. Moore".
- K13 - One envelope containing hair and labeled in part "E-159 Terry W. Hobbs".
- K14 - One envelope containing hair and labeled in part "E-160 Ryan Clark".
- K15 - One envelope containing hair and labeled in part "E-161 Amanda Hobbs".
- K16 - One envelope containing hair and labeled in part "E-162 Pamela Hobbs".
- K17 - One envelope containing hair and labeled in part "E-163 Diana Moore".
- K18 - Two envelopes containing hair and labeled in part "E-168 Ricky L. Murray".

The following samples were examined and compared:

- Q11 - One microscope slide bearing two fibers and labeled "93-05716 E134 QF Black Polyester match w/E 78".
- Q12 - One microscope slide bearing a fiber and labeled "93-05716 E134 QF Blue Polyester Match w/E109A".
- Q13 - One microscope slide bearing a fiber and labeled "93-05716 E5 QF green polyester Match w/E97".

Page 4-Examination of Physical Evidence, Case 01A-94HV00203

- Q14 - One microscope slide bearing a fiber and labeled "93-05716 E2 QK red rayon match w/E99".
- Q15 - One microscope slide bearing two fibers and labeled "93-05716 E9 QF blue green cotton match w/E79".
- Q16 - One microscope slide bearing one fiber and labeled "9305716 E1 QF Red cotton match w/E92".
- Q17 - One microscope slide bearing three red fibers and labeled "9305716 E3 QF red cotton match w/E92".

Criminalist Sakevicius submitted to this examiner numerous small manila envelopes each containing a microscope slide with sticky tape adhering. Adhering to the sticky tape were numerous hairs and fibers. The envelopes are labeled as follows and were identified as known standards:

- K19 - "D1 Damien Echols residence bedroom green blanket electric blanket".
- K20 - "D5 Damien Echols Residence Bedroom closet purple dress".
- K21 - "D7 Residence Damien Echols black T-shirt closet".
- K22 - "D8 blue green shirt closet E79".
- K23 - "D9 blue green shirt closet".
- K24 - "D10 purple shirt closet".
- K25 - "D11 red/white stripped shirt-closet".
- K26 - "D12 red bandana bedroom".
- K27 - "D14 Black T-shirt closet".
- K28 - "D15 purple T-shirt".
- K29 - "D16 Red Sweater".
- K30 - "D18 black T-shirt bed".
- K31 - "D20 2 black shirts, 1 red shirt, 1 black jeans bathroom dryer".

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- K32 - "D22 red white shirt master bedroom".
 - K33 - "D23 carpet from living room green".
 - K34 - "D24 green socks-chest by kitchen E93".
 - K35 - "D25 black shirt E94".
 - K36 - "D27 green blanket Grandma's bedroom No E#".
 - K37 - "J15 Toilet covers E109".
 - K38 - "DT1 pink blanket back bedroom".
 - K39 - "J1 carpet-bedroom".
 - K40 - "J3 purple garment E97".
 - K41 - "J4 blue housecoat".
 - K42 - "J5 Red garment".
 - K43 - "J7 Red purple carpet closet shelf".
 - K44 - "J8 Light blue pad".
 - K45 - "J10 black clothing from drawer".
 - K46 - "M2 purple bandana black shirt".
 - K47 - "M6 4 shirts from brown case".
 - K48 - "M7 three shirts 1 short drawer".
 - K49 - "M8 green plaid shirt from closet".
 - K50 - "M10 red long johns purple shirt".
 - K51 - "Orange chair @ P.D. background fibers".
- Also submitted were numerous manila envelopes each containing fibers or a piece of fabric and identified as from the victims' clothing. These were labeled as follows:
- K52 - "93-05716 E1 blue boy scout shirt".

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- K53 - "93-05716 E2 shirt-black & white check surface dye".
- K54 - "93-05716 E3 blue pants".
- K55 - "93-05716 E4 white shoe, right".
- K56 - "93-05716 E5 cub scout cap".
- K57 - "93-05716 E6 shoe".
- K58 - "93-05716 E8 black right shoe black & purple fibers".
- K59 - "93-05716 E9 shirt black & white striped".
- K60 - "93-05716 E10 underwear multicolored".
- K61 - "93-05716 E12a shoe".
- K62 - "93-05716 E12b sock".
- K63 - "93-05716 E72 std".
- K64 - "93-05716 E73 std".
- K65 - "93-05716 E76 std".
- K66 - "93-05716 E78 std".
- K67 - "93-05716 E79 std".
- K68 - "93-05716 E82 std".
- K69 - "93-05716 E88 std".
- K70 - "93-05716 E90 std".
- K71 - "93-05716 E90 std".
- K72 - "93-05716 E93 std".
- K73 - "93-05716 E94 std".
- K74 - "93-05716 E96b std".
- K75 - "93-05716 E96e std".
- K76 - "93-05716 E96i std".

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- K77 - "93-05716 E96j std".
- K78 - "93-05716 E96k std".
- K79 - "93-05716 E97 std".
- K80 - "93-05716 E98 std".
- K81 - "93-05716 E101 std".
- K82 - "93-05716 E102 std".
- K83 - "93-05716 E102 std".
- K84 - "93-05716 E104d std".
- K85 - "93-05716 E104e std".
- K86 - "93-05716 E110 std".
- K87 - "93-05716 E110 std boot lace".
- K88 - "93-05716 E112a std".
- K89 - "93-05716 E112 b std".
- K90 - "93-05716 E113 std".
- K91 - "93-05716 E114 std".
- K92 - "93-05716 E116a std".
- K93 - "93-05716 E116b std".
- K94 - "93-05716 E116d std".
- K95 - "93-05716 E117b std".
- K96 - "93-05716 E117c std".
- K97 - "93-05716 E117c std".
- K98 - "93-05716 E117d std".
- K99 - "93-05716 E122a std".
- K100 - "93-05716 E131b std".
- K101 - "93-05716 std. of blanket from mortuary".

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The following samples consisted of soil contained in manila envelopes. These envelopes were labeled as follows:

- Q18 - "E7 - Jeans".
- Q19 - "E13 - blue denim jeans".
- Q20 - "E1 - blue shirt".
- Q21 - "E2 - shirt-black & white check".
- Q22 - "E3 - blue pants".
- Q23 - "E4 - shoe, white".
- Q24 - "E5 - cub scout cap".
- Q25 - "E6 - shoe".
- Q26 - "E8 - black shoe".
- Q27 - "E9 - shirt-black & white stripe".
- Q28 - "E10 - underwear red".
- Q29 - "E11 - shoe white left".
- Q30 - "E14 - shoe".
- Q31 - "E12 - shoe & sock".
- Q32 - "LS3 - wooden stick".
- Q33 - "FP6 - soil from ligature".
- Q34 - "FP8 - soil from ligature".

The following samples were examined and compared for footwear comparisons:

- Q35 - Two cardboard boxes labeled in part "E15 & E16 plaster cast footprint" and each containing a plaster cast of a footwear impression.
- K102 - One sealed paper bag labeled in part "E149 white tennis shoes removed from Buddy Lucas 10-14-93 93-05716" and containing one pair of "Converse" tennis shoes.

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- K103 - One sealed paper bag labeled in part "one pair BLK/white tennis shoes recovered from Buddy Lucas 10-14-93 93-05716" and containing one pair of black and white "Converse" tennis shoes.
- K104 - One sealed cardboard box labeled in part "93-05716 Q127 Q128" and containing one pair of Black "Reebok" tennis shoes.
- K105 - One sealed bag labeled in part "shoes recovered from Buddy Lucas that belonged to Jessie Misskelley recovered 6-10-93 9305716 E139 LS" and containing one pair of "Adidas" white and blue high top tennis shoes.
- K106 - One cardboard box labeled in part "93-05716 E91, 95, 129, 110, 105 and containing:
- K107 - One paper bag labeled "E-105 white tennis shoes from Jason's 93-05716 Q74 Q75" and containing one pair of purple and white "Nike" shoes.
- K108 - One paper bag labeled "E110 pair green lace up boots from Jason's 9305716 E110" and containing one pair of green canvas and rubber boots.
- K109 - One paper bag labeled "pair black boots from Damiens belongs to Jason Baldwin 6-3-93 9305716 E91 LS" and containing one pair of black boots.
- K110 - One paper bag labeled "boots worn by Damien Echols at time of arrest 6-3-93 93-05716 E129" and containing one pair of black boots.
- K111 - One paper bag labeled "black tennis shoes from Damiens 6-3-93 9305716 E95" and containing one pair of "Reebok" black tennis shoes.
- Q36 - One clump of soil bearing a footwear impression and identified as recovered from scene.

RESULTS:Hair Comparisons:

Items Q1-Q9 were examined and compared to the known samples submitted. Q1 and Q2 consisted of two hairs with razor cut proximal ends. These hairs exhibit some similarities to both the known hair of Echols (K4) and Dodson (K7). These hairs could have originated from one of these individuals or another individual whose hair exhibits similar microscopic characteristics.

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Q10 consisted of one hair exhibiting microscopic characteristics consistent with the known hair of Echols (K4). This hair could have originated from Mr. Echols or another individual whose hair exhibits similar microscopic characteristics.

The remaining Q hair samples were either dissimilar to the known hairs of the suspects or in this examiner's opinion lacked sufficient microscopic characteristics for an adequate comparison.

Fiber Comparisons:

Numerous fiber examinations and comparisons were conducted. Samples Q18-Q34 were examined for fibers. These fibers were removed for comparison with the known samples. The questioned fibers which were matched to the known fibers are as follows:

Q11 consisted of two black polyester fibers. One of these were flattened and identified by Criminalist Sakuvicus as having been done during her analysis. These polyester fibers were found to be consistent with the known polyester fibers in item K66.

Q12 was determined to be a blue polyester fiber and to be consistent with the known fibers in item K37.

Q13 was determined to be a green polyester fiber. The fiber had been partially flattened. The fiber was found to be consistent with the known fibers in item K22.

Q14 consisted of a red rayon fiber which had been partially flattened. The fiber was found to be consistent with the known fibers in item K42.

No comparisons were conducted on the cotton fibers found in items Q15-Q17.

Footwear Comparisons:

The plaster casts of the footwear impressions (Q35) and the impression in the soil (Q36) were consistent with having been made by a tennis-type shoe sole. In this examiner's opinion these impressions were not made by the submitted footwear (items K102-K111).

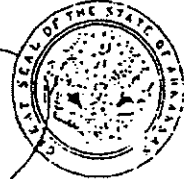
JHK:yt

APPENDIX I



STATE OF ARKANSAS
STATE CRIME LABORATORY
NATURAL RESOURCES DIV.
LITTLE ROCK, ARK. 72215

ISO 11 227-5747



416

DATE: 6/28/93

TO: The paper placed under
the victim(s) clothing
when clothing was dried
at Lab is enclosed.
2 boxes labeled Top
Sheet

e.

Bottom Paper.

WMPD
100 Court St
Wm AR 72301

93-057161

TR

Evidence
Receiving

EVIDENCE RECEIVING SECTION

APPENDIX J

STATE CRIME LABORATORY

P.O. BOX 5274
Number 3 Natural Resources Drive
Little Rock, Arkansas 72215

Laboratory Services
227-5747

REPORT OF LABORATORY ANALYSIS

Medical Examiner
227-5838

Investigating Office/Agency/Address

Det. B. Ridge
West Memphis Police Department
100 Court Street
West Memphis, AR 72301

Laboratory Case Number: 93-05716

Page 1 of 3

Date Received in Lab: See Below

How Evidence Received: See Below

Agency Case Number: 93-05-0666

SUPPLEMENTAL REPORT

Suspect(s):
Damien Wayne Echols
Jason Baldwin
Jessie Misskelley

Victim(s):
James Michael Moore

Date of Report: 01/17/94

Reference report dated 6-29-93

ITEM(S) SUBMITTED FOR EXAMINATION FROM THE WEST MEMPHIS POLICE DEPARTMENT ON 10-14-93:

48 One (1) pair of black tennis shoes

ITEM(S) SUBMITTED FOR EXAMINATION FROM THE WEST MEMPHIS POLICE DEPARTMENT ON 10-18-93:

E149 One (1) pair of white tennis shoes from Buddy Lucas
E150 One (1) pair of black and white tennis shoes from Buddy Lucas
E152 One (1) envelope containing a pubic hair sample from Buddy Lucas
E153 One (1) envelope containing a pulled head hair sample from Buddy Lucas
E154 One (1) envelope containing a combed head hair sample from Buddy Lucas

ITEM(S) SUBMITTED FOR EXAMINATION FROM THE WEST MEMPHIS POLICE DEPARTMENT ON 10-29-93:

E155 One (1) envelope containing head hairs from Melissa Byers
E156 One (1) envelope containing head hairs from Steve Branch
E157 One (1) envelope containing head hairs from Sherri Branch
E158 One (1) envelope containing head hairs from Dawn Moore
E159 One (1) envelope containing head hairs from Terry Hobbs
E160 One (1) envelope containing head hairs from Ryan Clark
E161 One (1) envelope containing head hairs from Amanda Hobbs
E162 One (1) envelope containing head hairs from Pamela Hobbs
E163 One (1) envelope containing head hairs from Diana Moore
E164 One (1) envelope containing a piece of rope from the crime scene with a knot

ITEM(S) SUBMITTED BY THE WEST MEMPHIS POLICE DEPARTMENT ON 11-5-93:

E168 Two (2) envelopes containing pulled and cut head hair samples from Rickey L. Murray

STATE CRIME LABORATORY

P.O. BOX 6274
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Little Rock, Arkansas 72215

Laboratory Services
227-5747

REPORT OF LABORATORY ANALYSIS

Medical Examiner
227-5696

Investigating Officer/Agency/Address

Det. B. Ridge
West Memphis Police Department
100 Court Street
West Memphis, AR 72301

Laboratory Case Number: 93-05716

Page 2 of 3

Date Received in Lab: See Below

How Evidence Received: See Below

Agency Case Number: 93-05-0666

SUPPLEMENTAL REPORT

Suspect(s):
Damien Wayne Echols
Jason Baldwin
Jessie Misskelley

Victim(s):
James Michael Moore

Date of Report: 01/17/94

ITEM(S) SUBMITTED BY THE WEST MEMPHIS POLICE DEPARTMENT ON 11-18-93:

E169 One (1) black handled survival type knife

ITEM(S) SUBMITTED BY THE WEST MEMPHIS POLICE DEPARTMENT ON 12-1-93:

E170 One (1) brown leather shoe
E171 One (1) brown boot
E172 One (1) piece of black cloth
E173 One (1) piece of cloth with a piece of elastic
E174 One (1) sock and one (1) shoe
E175 One (1) small red wind breaker

ITEM(S) SUBMITTED BY MYSELF (LISA D. SAKEVICIUS) ON 12-20-93:

CB1 One (1) red sweatshirt and one (1) black T-shirt
MM1 One (1) red shirt and one (1) pair of black pants
MM2 One (1) red sweatshirt and one (1) red and white T-shirt

ITEM(S) SUBMITTED BY THE WEST MEMPHIS POLICE DEPARTMENT ON 12-22-93:

E176 One (1) knife found near crime scene
E177 One (1) plastic bottle containing cigarette butts

RESULTS OF ANALYSIS:

Fiber comparisons were performed between CB1, MM1, MM2 and fibers previously found similar to items in this case (reference report dated 6-29-93).

STATE CRIME LABORATORY

P.O. BOX 5274
 Number 3 Natural Resources Drive
 Little Rock, Arkansas 72215

Laboratory Services
 227-5747

REPORT OF LABORATORY ANALYSIS

Medical Examiner
 227-6038

Investigating Office/Agency/Address

Det. B. Ridge
 West Memphis Police Department
 100 Court Street
 West Memphis, AR 72301

Laboratory Case Number: 93-05716

Page 3 of 3

Date Received in Lab: See Below

How Evidence Received: See Below

Agency Case Number: 93-05-0666

SUPPLEMENTAL REPORT

Suspect(s):
 Damien Hayne Echols
 Jason Baldwin
 Jessie Misskelley

Victim(s):
 James Michael Moore

Date of Report: 01/17/94

The red shirt in MM1 was constructed of red cotton fibers which were microscopically similar to the red cotton fibers recovered from E1, E3 and BR1. These fibers could have come from the red shirt in MM1.

It is pointed out that fibers do not possess a sufficient number of unique microscopic characteristics to be positively identified as having originated from a particular item to the exclusion of all other similar items.

The hair samples E152, E153, E154, E155, E156, E157, E158, E159, E160, E161, E162, E163 and E168 were compared to the questioned hairs in FP5 (93-05717) and FP8 (93-05718). The questioned hairs in FP5 (93-05717) were found to be microscopically similar to the hairs in E156. E156 cannot be excluded as a possible source for these hairs.

It is pointed out that hairs do not possess a sufficient number of unique microscopic characteristics to be positively identified as having originated from a particular item to the exclusion of all other similar items.

Examination of the cigarette butts in E177 revealed them to be consistent with Sherman's 164 - Hard Pack. The possibility that the cigarettes were hand rolled could not be eliminated.

Examination of the remainder of the items listed in this report was unremarkable.

Lisa D. Sakevicius
 Lisa D. Sakevicius, Criminalist

LDS:11

State of Arkansas
 County of Pulaski

Subscribed and sworn to before me, the undersigned Notary Public on this 18 day of January, 1994.

My Commission Expires 7-30-2003

APPENDIX K

STATE CRIME LABORATORY

P.O. BOX 5274
 Number 3 Natural Resources Drive
 Little Rock, Arkansas 72215

Laboratory Services
 227-5747

REPORT OF LABORATORY ANALYSIS

Medical Examiner
 227-5936

Investigating Officer/Agency/Address

Laboratory Case Number: 93-05716

Page 1 of 1

Det. Bryn Ridge
 West Memphis Police Department
 100 Court Street
 West Memphis, AR 72301

Date Received in Lab: 05/10/93

How Evidence Received: H C George Blair

Agency Case Number: 93/05/0666

Suspect(s):

Damien Wayne Echols
 Michael Wayne Hutchenson
 Kenneth Cagle
 Richard Gordon Cummings Jr.
 Steve Menard
 John Mark Byers
 Todd Moore
 Christopher Morgan

Victim(s):

James Michael Moore

Date of Report: 06/23/93

SUPPLEMENTAL TO REPORT DATED 6/1/93:EVIDENCE SUBMITTED BY WEST MEMPHIS POLICE DEPARTMENT:

Q55 Wallet (E-77)	Q79 Tennis shoe, left (E-95)
Q56 T-shirt (E-78)	Q80 Boot, right (E-129)
Q57 Knife (E-74)	Q81 Boot, left (E-129)
Q58 Knife (E-75)	Q82 Shorts (E-112)
Q59 Knife (E-111)	Q83 Shorts (E-112)
Q60 Knife (E-126)	Q84 Bandanna (E-112)
Q61 Knife (E-133)	Q85 T-shirt (E-114)
Q62 Knife (E-134)	Q86 T-shirt (E-116)
Q63 Knife (E-135)	Q87 T-shirt (E-116)
Q64 Book (E-84)	Q88 T-shirt (E-116)
Q65 T-shirt (E-85)	Q89 Sweat shirt (E-116)
Q66 T-shirt (E-89)	Q90 Shorts (E-117)
Q67 T-shirt (E-90)	Q91 Sweat shirt (E-117)
Q68 T-shirt (E-90)	Q92 T-shirt (E-117)
Q69 Jeans (E-90)	Q93 T-shirt (E-117)
Q70 Sweat pants (E-94)	Q94 Blue jeans (E-115)
Q71 Boot, right (E-91)	Q95 Chain & Whistle (E-121)
Q72 Socks (E-91)	Q96 T-shirt (E-96)
Q73 Boot, left (E-91)	Q97 T-shirt (E-96)
Q74 Tennis shoe, right (E-105)	Q98 T-shirt (E-96)
Q75 Tennis shoe, left (E-105)	Q99 T-shirt (E-96)
Q76 Boot, right (E-110)	Q100 T-shirt (E-96)
Q77 Boot, left (E-110)	Q101 T-shirt (E-96)
Q78 Tennis shoe, right (E-95)	Q102 T-shirt (E-96)

STATE CRIME LABORATORY

P.O. BOX 5274
Number 3 Natural Resources Drive
Little Rock, Arkansas 72215

Laboratory Services
227-5747

REPORT OF LABORATORY ANALYSIS

Medical Examiner
227-5936

Investigating Officer/Agency/Address

Det. Bryn Ridge
West Memphis Police Department
100 Court Street
West Memphis, AR 72301

Laboratory Case Number: 93-05716

Page 2

Date Received in Lab: 05/10/93

How Evidence Received: H C George Blair

Agency Case Number: 93/05/0666

Suspect(s):

Damien Wayne Echols
Michael Wayne Hutchenson
Kenneth Cagle
Richard Gordon Cummings Jr.
Steve Menard
John Mark Byers
Todd Moore
Christopher Morgan

Victim(s):

James Michael Moore


Date of Report: 06/23/93

Q103 T-shirt (E-96)
Q104 T-shirt (E-96)
Q105 T-shirt (E-96)
Q106 T-shirt (E-96)
Q107 T-shirt (E-96)
Q108 Jeans (E-104)
Q109 Jeans (E-104)
Q110 Pants (E-104)

Q111 Vest (E-104)
Q112 Green (E-104)
Q113 Underwear (E-107)
Q114 Blue jeans (E-107)
Q115 Wash cloth (E-102)
Q116 Teeth (E-102)
Q117 Heating pad cover (E-102)
Q118 T-shirt (E-103)
Q119 Rope (E-125)

RESULTS OF EXAMINATION:

Human blood, too limited for further characterization, was identified on Q85. No blood was found on any other items.


Kermit B. Channell, II, Serologist

KBC/af

APPENDIX L

CRIMINAL INVESTIGATION FIELD REPORT

TYPE OF OFFENSE: _____

DATE OCCURRED: _____

LOCATION OF OFFENSE: _____

TIME OCCURRED: _____

VICTIM (S): _____

NUMBER OF SUSPECTS IN CUSTODY: _____

IS THERE EVIDENCE STORED IN EVIDENCE VAULT: _____

SUMMARY OF INVESTIGATION

Private Lab - will do small sample of S
 Mc Kern TSN - Chicago, ILL.
 * Lisa says skin found in strings possibly
 Cuticles - Best chances that this skin is not
 that of the boys.
 * Badge has been found - will check for latent prints

SIGNATURE OF INVESTIGATING OFFICER _____

SIGNATURE OF INVESTIGATING OFFICER _____ DATE _____

CO'S INITIALS _____

CID CASE FILE NUMBER: _____