

**United States District Court
Eastern District of North Carolina
Fayetteville Division**

Docket No. 75-26-CR-3

UNITED STATES OF AMERICA,

vs.

JEFFREY R. MACDONALD

**AFFIDAVITS OF JAMES C. FRIER AND SHIRLEY S. GREEN
IN SUPPORT OF RESPONSE OF THE UNITED STATES
TO DEFENDANTS PETITION FOR POST-CONVICTION RELIEF
PURSUANT TO 28 U.S.C., SECTION 2255**

UNITED STATES DISTRICT COURT
FOR THE EASTERN DISTRICT OF NORTH CAROLINA
FAYETTEVILLE DIVISION

UNITED STATES OF AMERICA,	:	CRIMINAL NO. 75-26-CR-3
Plaintiff	:	
v.	:	
	:	
JEFFREY R. MacDONALD,	:	
Defendant,	:	

AFFIDAVIT OF JAMES C. FRIER

1. James C. Frier, first being duly sworn, state under oath the following: I was sworn in as a Special Agent of the Federal Bureau of Investigation (FBI) in May 1972. From 1974 to 1979 I was assigned to the FBI Laboratory where I worked in the Microscopic Analysis Unit. I served as the Assistant Special Agent in Charge in Milwaukee, Wisconsin, from 1986 to 1988. Since August 1988 I have served as the FBI's Legal Attache in Rome, Italy.

2. While assigned to the FBI Laboratory, I was trained as an examiner for approximately one year. I concentrated as a forensic expert in the examination and identification of hair, fibers, and related materials. I eventually became certified as a forensic microscopist. I have testified as an expert witness on approximately 100 occasions in various courts throughout the United States, including local, state and federal courts.

3. I first became associated with the analysis of evidence in the Jeffrey MacDonald case on behalf of the FBI Laboratory in December, 1978. My primary responsibility was the examination and identification of certain fiber evidence.

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4. While assigned to the FBI Laboratory, I recall receiving a letter dated December 14, 1978, from Department of Justice attorney Brian M. Murtagh (Murphy affidavit Exhibit 11) requesting that I conduct certain hair and fiber examinations of specific items some of which had been previously examined by both the U.S. Army Criminal Investigation Division (CID) and the FBI Laboratory. I performed the specific comparisons requested and set forth the results of any identifications in a written report dated March 14, 1979, which I forwarded to Criminal Division Attorney Brian Murtagh, copies of which were also furnished to the FBI's Charlotte Division, in North Carolina.

5. "Q-87", the "Q" referring to "questioned evidence", from an unknown source, consisted of debris from Kristen MacDonald's bedspread. I found numerous synthetic fibers which did not match any known exemplars I had in my possession. I also found a number of beige/pink fibers, which were similar to "Q-112", a pink blanket, as well as black dog hair with its root intact. Also included were unknown textile fibers of various types and colors, which I found forensically insignificant. As my notes reflect these specimens were mounted on two slides, one of which had previously been mounted by SA Stombaugh.

6. "Q-88" contained debris from the right bicep area of Colette MacDonald's pink pajama top. This debris consisted of a black woolen fiber, and a green lobed fiber of delustered rayon, similar to the fibers from K-30, a multi-colored throw rug from the MacDonald master bedroom. A fragmented white woolen

fiber was also requested for examination. However, white wool is a very common fiber and this particular fiber was not of sufficient quality for comparison, thus it was "not suitable for comparison" (NSFC).

I was not asked in the request letter of December 14, 1978, to compare any black wool fibers to any known sources. Since there were no known exemplars of black wool available to me at that time, with which to compare them, I could not have done so in any event. Furthermore, wool can remain on garments for years. I did not include any of this information in my report since unmatched fibers and hair are present on all garments worn by virtually everyone and it is FBI policy to report only those items of forensic significance, which is usually effected by comparing unknown items to known samples.

7. "Q-89" contained debris originally removed from a piece of wood which included two black woolen fibers and one green woolen fiber. I was unable to make comparisons for these due to a lack of known sources available to me at that time. I also found synthetic fibers of different colors which matched "K-30", the multi-colored throw rug which I reported. Two of these synthetic fibers were green lobed, three were blue lobed, and one was a gold lobed fiber, all of which were rayon. I also found a number of white cotton fibers which were not sufficient for comparison, as well as several animal fur hairs which I could not further identify.

8. "Q-100" consisted of debris from around Colette

4

MacDonald's mouth area. I found numerous blue cotton polyester fibers. It should be noted that I was not asked to make any comparisons with the blue cotton polyester pajama top Q-12, and thus I did not compare these blue cotton polyester fibers with the Q-12 pajama top. I also examined one slide which had two black woolen fibers of an unknown source. As I had no known black woolen exemplars to compare these against, at that time, I conducted no further examinations.

9. "Q-125" comprised the debris from a sheet from the floor of the master bedroom from the MacDonald residence. I was asked to compare this exhibit with various items, including known cat and dog hairs. On examination, I discovered that the human hair in "Q-125" was not suitable for comparison, and was not an animal hair. In addition I found off-white stained cotton fibers, also not suitable for comparison.

10. Except as reflected in my report of March 14, 1979, I did not discuss the results of any of my laboratory examinations, including those concerning uncomparated black wool fibers, Exhibits "Q-88", "Q-89", and "Q-100", with any member of the government prosecutive staff in the Jeffrey MacDonald case, including Criminal Division Attorney Brian Murtagh. Had I considered any of those results forensically significant, I would have contacted Brian Murtagh.

11. I do not recall providing copies of my bench notes to any attorney involved in the Jeffrey MacDonald case prior to arriving in Raleigh, North Carolina, where I had been subpoenaed

as a trial witness in 1979. Nor did any attorney ask to review them at trial, including Brian Murtagh, AUSA James Blackburn, or defense attorney Bernard Segal.

12. I waited in Raleigh approximately a week, prepared to testify. Late one Friday afternoon, at my suggestion, Brian Murtagh approached defense attorney Segal during a break in the testimony to explore the possibility of stipulating to my testimony to which Segal agreed. Until that moment of agreement, I fully expected and was prepared to testify at trial. It is my recollection that there was absolutely no reason why the government would not have wanted me to testify. It was only because I wanted to determine whether or not it would be necessary for me to spend the weekend in Raleigh, or make arrangements to return home, that I requested that Mr. Murtagh seek a stipulation to my testimony.

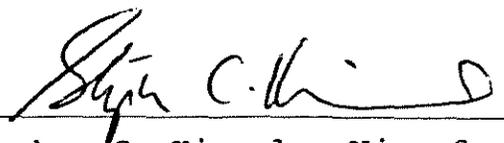
Further your affiant sayeth not.



JAMES C. FRIER
Special Agent FBI
Legal Attache Rome, Italy

Republic of Italy
Prefecture of Rome
City of Rome
Embassy of the United States of America

Subscribed and Sworn to before me this 8th day of February 1991, at the Embassy of the United States, Rome, Italy



Stephen C. Kimmel - Vice Consul

UNITED STATES DISTRICT COURT
FOR THE EASTERN DISTRICT OF NORTH CAROLINA
FAYETTEVILLE DIVISION

NO. 75-26-CR-3
NO. 90-104-CIV-3-D

UNITED STATES OF AMERICA :
 :
 v. : AFFIDAVIT
 :
 JEFFREY R. MACDONALD :

I, Shirley S. Green, first being duly sworn, state under oath the following:

1. I graduated from MacMurray College in Colorado in 19~~50~~⁵⁰, with a major in chemistry. I began working for the Federal Bureau of Investigation (hereinafter "FBI") in 1950 and worked there for approximately 30 years until my retirement in September, 1983. For most of my career, I worked as a physical science technician in the laboratory, particularly in the Hairs and Fiber Unit.

2. I first became associated with the analysis of evidence in the Jeffrey MacDonald case in 1974. My work on this case was primarily in the area of the reconstruction of the grouping of the 48 puncture holes in the blue pajama top ("Q-12") of the petitioner. I recognize a letter dated December 14, 1978, from the Department of Justice Attorney Brian Murtagh, requesting certain laboratory examinations in connection with the Jeffrey MacDonald case (see Murphy Affidavit, Exhibit 11). At that time I was working temporarily for FBI Laboratory Examiner James C. Frier. After receiving the letter, the first thing I did was to prepare a handwritten inventory of all items listed in

Mr. Murtagh's letter. I performed the inventory by cataloguing the items found in each exhibit. This inventory was performed by macroscopic examination, rather than microscopic, which would have had to be performed by Expert Examiner Frier. I then put these items on slides for further examination.

I identify certain laboratory bench notes (see Murphy Affidavit, Exhibit 12) as mine, and can state unequivocally that these notes reflected my inventory and work product and not that of Kathy Bond, another laboratory technician. To the best of my recollection, Kathy Bond did not perform any laboratory work in connection with the MacDonald Case.

3. My notes reflect that on January 4, 1979, Mr. Murtagh verbally requested that I identify the source of fibers from the right biceps area of the pajama top of Collette MacDonald ("Q-88"). Q-88 consisted of a total of two slides: One slide contained hairs, the other contained fibers. According to my notes, Q-88 comprised one human hair, one long green fiber, one long black fiber, and one short gray/white fiber.

4. My notes indicate that I also inventoried the contents of Q-100, the debris from the mouth area of Collette MacDonald. According to my notes, the contents of Q-100 consisted of one piece of paper and dried blood in a vial, one short yarn, a polyester cotton, and two long purple fibers. The piece of paper and vial had illegible writing on it with the initials "DOB," which I believed to be those of Dillard O. Browning, a United States Army CID Laboratory Examiner. My notes

reveal that a yarn in Q-100 had been previously matched to a blue pajama top examined by FBI Special Agent Paul S. Stombaugh.

5. My bench notes disclose that Q-87 was debris from the bedspread from the north bedroom. It was originally a vial containing a white sponge-like substance, plant material, one yarn, one sewing thread, one human hair, and four tufts of fibers. Further examination of additional summary notes reflect that in 1974 I mounted two slides for Mr. Stombaugh--one slide contained a hair, and the other slide contained fibers. In 1978, upon the requested reexamination of fibers and animal hairs, I mounted one additional slide for examination by James C. Frier, which contained one fiber and one animal hair (see Exhibit Q87).

6. On February 9, 1979, Mr. Murtagh contacted me and requested that Q-89, the fibers and debris removed from a piece of wood, be compared to K-30, a multi-colored throw rug, and K-32, a green throw rug. At this time, I made an additional slide of fibers from the Q-89 debris, which is marked with the initials "JCF." It should be noted that this examination was in addition to the comparison of the debris from Q-89, with the known threads from Q-12 performed by Mr. Stombaugh in 1974.

7. At no time was I asked to compare black woolen fibers to anything by Mr. Murtagh, or by anyone else associated with the Government prosecutive efforts. There was, in fact, nothing with which to compare it. Since every room in a crime scene contains numerous unknown fibers, such fibers have

absolutely no forensic value unless there is something to compare them against.

8. The majority of my work in the MacDonald case with Mr. Murtagh concerned a reconstruction examination of the holes in petitioner's pajama top and the preparation of demonstrative exhibits to reflect this reconstruction.

9. The primary laboratory examiner, Mr. Frier, was responsible for the final and conclusive examinations concerning hairs and fibers.

10. Prior to the 1988 Gunderson Report, I never discussed the black woolen fibers, which are at issue in this petition, with Mr. Murtagh, since these items were of no apparent known forensic significance.

11. I have been shown Exhibit 17 to the Affidavit of Anthony P. Bisceglie, which purports to be laboratory bench notes of Paul M. Stombaugh, as well as my own bench notes. I have initialed those pages of Exhibit 17 which I identify as being notes that I prepared.

12. I have been shown Exhibit 130, which I identify as the evidence receipt I prepared to reflect the transfer on April 3, 1979, to Special Agent Donald Murray, of 33 sealed boxes and/or containers within which Exhibits Q-1--Q-129 and K-1--K-43, pertaining to the case of United States v. Jeffrey R. MacDonald, had been packaged.

Further, your affiant sayeth not.

Executed this 13th day of February, 1999. *WA SA*

Shirley S. Green
SHIRLEY S. GREEN
Affiant

Sworn and subscribed before me
this 13th day of February, 1999. *WA SA*

Shirley S. Green
NOTARY PUBLIC

My commission expires 11-30-93.

**United States District Court
Eastern District of North Carolina
Fayetteville Division**

DOCKET No. 75-26-CR-3

UNITED STATES OF AMERICA,

vs.

JEFFREY R. MACDONALD

APPENDIX

**AFFIDAVITS OF JAMES C. FRIER AND SHIRLEY S. GREEN
IN SUPPORT OF RESPONSE OF THE UNITED STATES
TO DEFENDANT'S PETITION FOR POST-CONVICTION RELIEF
PURSUANT TO 28 U.S.C., SECTION 2255**

THORNTON AFFIDAVIT
EXHIBIT 5

— = YARN or THREAD
 — = PLANT or WOOD
 — = HAIR(S)

0000001

L2082

Q78 [Vial in sm. plast bag]

2 HAIRS - 1 slide

1 thick white yn - poss in a rug - in vial

sev. pec. 2 ply Z sew. thr.

~~- 1 small blue cotton~~

~~- 1 blue-purple~~

~~- sev. tan pil cotton~~

Ym + Thr

- 1 pillbox

+ 1 slide

[see sep. no.]

2 sm. pec wood - 1 pillbox

Few for fibers - 1 slide

Q79 [Vial in plast bag]

1 HAIR - 1 slide

(vial only)

For. F's - 1 "

sev pec sew thr + yms - 1 pillbox

9 wood frags - 1 pillbox

2 pec yel tin paper + slip (per mat) - 1 pillbox

Q80 [Vial]

7 frags of plant matter - in vial
(no human hair)

3 "tufts" - (blue + white printed ym)

(lt. green)

(brt. orange + red + white)

intact?

- 1 pillbox

For. fibers - 1 slide

1 enim hair
emp. green (olive)?

all

581

YARN & THREAD

L 2082

from Q78, Q79 → Q87, Q89, Q94 → Q98, Q101 & Q106

Q78 * purpl. cot 22 - at least 12 pcs (1 blood-soaked) } Sew. Th
 * blue/blk cot 22 - 1 short piece } like Q1
 1 thick white ruylike yarn - not like Q12 } - 2 types

↳ this piece & a short piece of purple thread on 1 slide

Q80 3 tufts: lt. green - purple } not
 blue & white yarn-printed, 1 ply 2 } each has
 brt. orange synth } but not tufts address to them } like Q

Q79 3 pcs. 1 ply 2, polyester/cotton yarn - like Q12 fabric yarn
 (appear not like WARP)

sev. pcs (at least 15) purpl. cot sewn thru like = Q12
 2 no 3 ply 2 from cut sewn thru } not like
 1 pc 1 ply 2 (blue-black F's & green F's - blend) yarn } - Q12

Q81 3 pcs (9", 4" + 3" long) purpl cot sewn thru like Q12

Q82 1 lt. blue yarn - not like Q12

Q83 1 white 1 ply 2 yarn - not like fabric, but poss. like piping

Q84 3 pcs purpl. cot thr - like in Q12
 (2 are blood-soaked)

2 pcs 1 ply 2 white yarn - poss like piping of Q12

Q85 7 short pcs polyester/cotton yarn - like Q12 fabric
 (5 - FILLING, 2 - WARP)

sev. (about 15) pcs purpl. cot sewn thru - like in Q12

all

THORNTON AFFIDAVIT

EXHIBIT 13

000003

L2082

Q93 - Pres. limb hair, Cam.

✓ Q96 - black h/h frag, bloodlike deposit - sim to K1 hairs -
(was wrapped around yarn in Q96)

✓ Q101 - old app. blood. h/h, Cam - present real - etc

Q105 - no hair in this one.

(Q117)
E-4-70 Fiber slide - blue synthetic fiber - light red at

(Q118)
E-4-70 Hair - single short - match K1

⁽¹⁹⁾
E-5-70 " - top part limb hair, no value for comp. purp.

Q67 - single lt brs. match K2 hair - broken +

Q68 - 2 h/h lt brs - match K2 hair - broken +

Q69 - 2 h/h lt brs. - match K2 hair - broken +

Q70 - 2 h/h lt brs - match K2 hair - broken +

Q71 - 1 h/h lt brs. match K2 hair - broken +

FROM KIM.
660.

Q72 - No hair - several fibers, red cotton, del. blue cotton, blue
& green acetate or rayon, other cotton.

00057

X
(PMS)

573

0000004

L2082

- Q87 [Vial] White sporelike subst, plant mat. - in vial
 1 Hair - 1 slide
 1 yarn + 1 sew thr - 1 pillbox
 F's + fiber tufts -
- Q88 [Vial] 1 hair - 1 slide (nothing in vial)
 3 fibers - 1 slide (no plant mat.) (no yarn/thr)
- Q89 [Vial] what appears to be impregnated with iron, plastic & plastic - in vial
 2 sew thr - 1 pillbox (no H)
 F's + white yarn tufts - 1 slide
- Q91 [Vial] H's - 1 slide ^{sh: 6", Lt. 15 1/4"} (nothing in vial)
F's - 1 slide (no yarn or thr)
- Q92 [Vial] F's + en. H - 1 slide
 (nothing else) [no H, yarn, thr, plant]
- Q93 [Vial] 1 human H - 1 slide (nothing else)
 F's + en. H - 1 "
- Q94 [Vial] Fibers - 1 slide (some pe. ? particle subst. in vial)
 dk blue yarn (long) - 1 pillbox (no human)
- Q95 [Vial] Thr's + yarn's - 1 pillbox
 F's - 1 slide (nothing else)

00058

ALL
 all

S 83

GREEN AFFIDAVIT
EXHIBIT 12-1

0000167

YARN

acrylic bicomponent

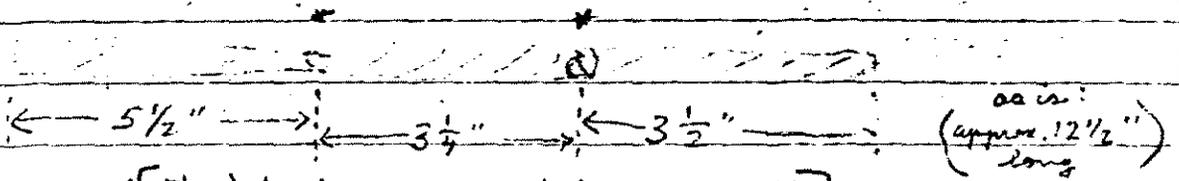
prob. Sayelle (100%
Type 21 Orlon bicomponent, high bulk yri., x-sect = acorn
(2-3-4 lobes)
90103084 S RR
used in craft yarn for hand knitting

K28

[1 yarn each of 6 diff. colors] [from M.B.R.]

one = medium green

diam - approx. $\frac{3}{8}$ " (range $\frac{1}{4}$ " to $\frac{1}{2}$ " in ones)



* [Thumb knot - each knot approx 1"]

(orig: approx. 14" long)

* appears to be acrylic bicomponent, possibly Sayelle with tub
 ① sign of a long x-sect

3 ply S, each ply composed of numerous textured filaments* softly twisted in a Z direction

Note: other yarn ^{approx.} lengths (of similar diam. & construction, no knots) =

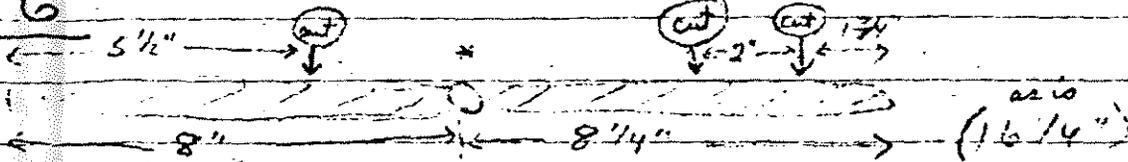
Light green: 26" Red (dk pink): 25"

Purple: 25 1/4" Yellow: 41"

Blue: 30 1/2"

[Q126 was found on the K32 rug in Kristen's B.R.]

Q126



* [Thumb knot - approx 1 1/2" (long)] (copy of the knot has been cut)

(orig: approx 17 1/2" long) [a few cuts in yarn]

all

The Q126 yarn is like the medium green yarn in K28 in color, diam., construction & composition. Each has at least one thumb knot. (Together, if alone time

they were adjoining, they form a yarn approx. 3 1/2" -

nevertheless consistent with the other yarns in K28. They could have had a common origin.

0000168

"DEBRIS" - Fibers (and Hairs)

90103084 S RR

Q80

Request:

compare with:

- a. "clump red + pink F's" Q4, Q5, Q8, Q9
- b. "clump pale blue + dark blue F's" K30, K31
- c. "clump pale green + dark green F's" Q111, Q126, K30, K31
- d. "Animal hairs" [KNOWN: Horse + Cat]

Q80 evidence = Zip lock bag w/

(1) Vial (PMS + MSC) containing:

a few bits of plant matter + a few F's

(2) Pillbox (L2082, PMS, "Tufts") w/ 3 tufts + 1 yr

(3) Glass slide (L2082, PMS) w/ 2 sm. cover slips

top = 1 an. hair + a few F's

bottom = tuft of light + dk green fibers

4 Additional Q80 slides mounted:

(1) Vial - 6 fiber fragments [1 slide]

(2) Pillbox - 3 "tufts" (yn. w/ one) - [mounted on 3 slides]

"A" = one yarn - approx 1/4" diam., approx .76" long.

1 ply Z, dyed (printed on piece dyed)

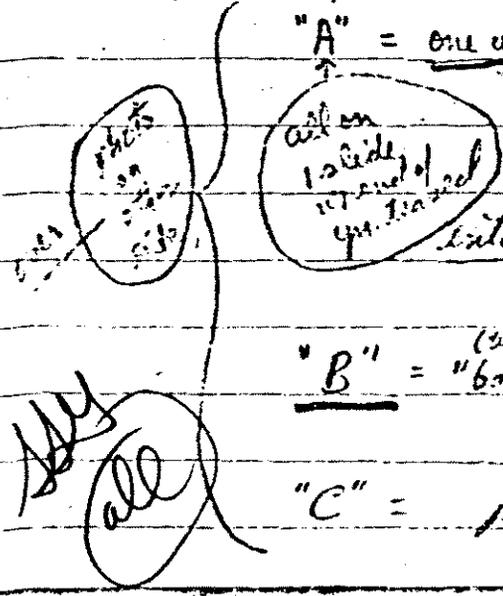
dk. blue on white (approx. 48 diam bands per inch)

intertwined w/ a tuft of pale pinkish fibers

(+ a few other fibers - red, grey -)

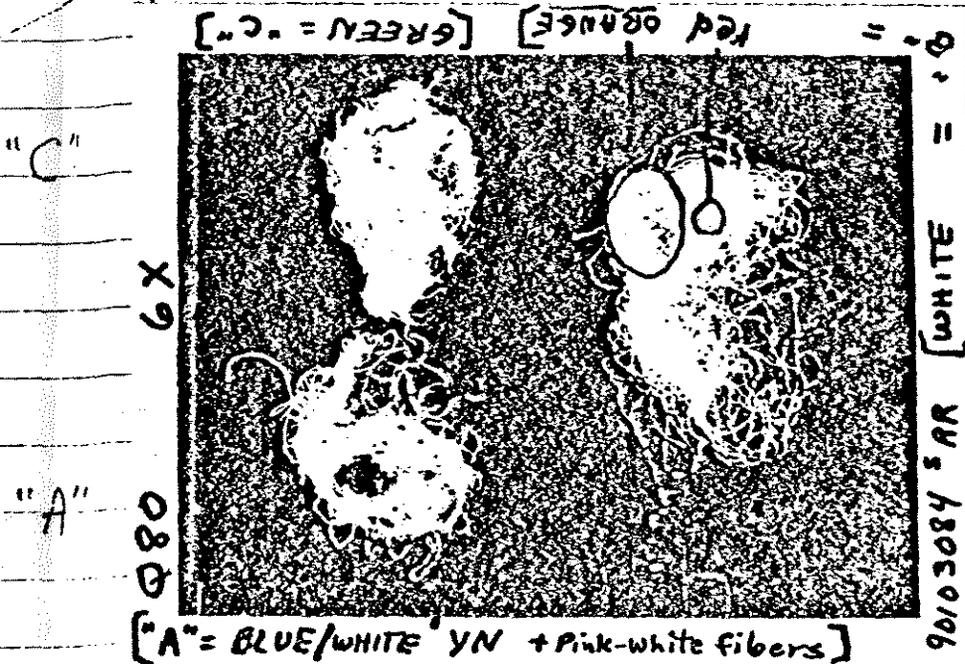
"B" = "ball" of orange fibers entangled w/ tuft of numerous white fibers + an. tuft red fibers

"C" = pale green fibrous material (paper-like)



0000169

Q80 tufts & yr (6 X actual size)



all

0000170

Debris (H⁴/₁₂ F's)

90103084 = RR

Q105

Request:

Compare w/:

a. "clump fibers adhering
to a head hair"- Q8, Q9, Q112,
K32, K34 & K35b. "pale green fiber"

- Q111, Q126, K30 + K32

Q105 evidence = vial only

["Hair removed from blue pajama top/DAB" + "Q105 PMS"]

containing 1 hair with a few fibers
adhering to/caught on it
mounted on 2 slides (H + F's)

Q117

Request:

Compare w/:

"single blue acrylic fiber" - per PMS"can it be nylon"? +
K28, K30, K32, K36 + K37Q117 = a pre-mounted slide (w/ Q117, PMS added)
"E-4 fibers"Q124

Request:

Compare w/:

a. "clump of dark green fibers"

Q111, Q126, K30, K32

Q124 = vial only

containing a few H's + F's

- all mounted on one slide

ASL
all

0000171

Debris (H+F's)

90103084^s RR

Q81

Request:

Compare w/:

a. "a single strand gold F"

K32

Q81 evidence — zip lock plastic bag w/

[newer slides were made]

(1) Vial - plant matter + debris (PMS, MSC)

(2) Pillbox (L2082, PMS, "Sew. Thr.")

(3) Slide (" ") w/ white, yellow-gold, + mint green fibers

Q82

Request:

Compare w/:

a. "one pale multicolored fiber"

Q4, Q5, Q8, Q9 & K30

b. "pale blue strand"

K30 & K32

c. "clean" fibers

K33

d. "pink fiber"

Q4, Q5, Q8, Q9, Q112 & K29

e. "several animal hairs"

[KN. fr. HORSE + CAT]

Q82 evidence — zip lock plastic bag w/

(1) Vial - plant matter + 1 An.H + few ^{white} F's (PMS)

(2) Pbx - (L2082, PMS, "light blue yarn")

(3) 2 slides (" , PMS)

1 = 2 human H's; 1 = 2 An H's + sev. F's
(red, blue, blk, white, yel, gray)

2 additional Q82 slides made:

H + F's from vial — 1 slide

Yarn (cut/used out) fr. pbx — 1 slide

all

[Yarn: approx. 1 1/4" long & 1/32" diam.,
crimped, 2 ply Z (each ply = S)
(approx. 2 to 3 in. in length)]

6000172

Debris H⁴ for F's90103084^s RRQ125 Request:a. "clump clear or pale pink
"fibers"b. "animal hair"Compare w/:Q4, Q5, Q8, Q9,
Q112 & K29

[KN: Horse & cat]

Q125 = Vial (lg., E-211, 25280, etc.) containing
 [left axis] → (1) a tiny vial (25280) w/ a pc of yel-gold plastic (shavings) &
 (2) 1 hair & (3) yarn fragment (appears to be
 1 ply Z, orig. color pers. white)
 2 slides made - hair + yarn.

Q126 Request:

(1) "green yarn"

[see separate notes]

Compare w/:

K28 yarns

Total: ~~20~~²⁴ "Q" slides

[See next page for notes on Q39, Q92 & Q128]

all

G000173

Debris (H & F's)

90103084 = RR

Q83

Request:

Compare w/:

a. "Sev. blue, green + gold
single strand "fibers"

Q126, K30 + K32

Q83 evidence — zip lock bag w/

(1) Vial w/ plant matter + blk. particles (PMS, MSC)

(2) 2 pillboxes (L2082, PMS)

[left in pbx] →

1 = "white yarn" (long, 1 ply Z)
DIFF. colors

NOTE: —

[" " "] →

1 = "Fibers" stuck to body-fatlike substance

(3) 2 slides (L2082, PMS)

1 = one human hair

1 = Fibers (blue, green, gold, purple,
red, clear) + 1 Am. hairQ87

Request:

Compare w/:

a. "clumps pink" fibers"

Q4, Q5, Q8, Q9, Q112 + K29

b. "clump pale blue" fibers"

K30 + K31

Q87 evidence — zip lock bag w/

(1) Vial w/ plant matter, pc. white plastic foam + a fiber + in Am. H.
(PMS, MSC)

[left in pbx] →

(2) Pillbox (L2082, PMS, "Thr + Yn")

(3) 2 slides (" , ")

1 = 1 human hair; 1 = 4 tufts of fibers + sev. diff
colors of fibers + an Am. hair1 add'l slide mounted: Am. H & fiber from vialJW
all

0000174

Debris (H/F)

90103084 = RR

Q88

Request:

Compare w/:

"identify source of fibers"
(verbal request of Murtagh 7/4/79)

"all"

Q88 evidence - zip lock bag w/

(1) Vial (empty) (PMS)

(2) 2 slides (L2082, PMS)

1 = human hair

1 = 3 fibers (long green, long blk, short gray/white)

Q100

Request:

Compare w/:

a. "pink single strand fiber"

Q4, Q5, Q8, Q9, Q112
+ K29

Q100 evidence = vial only

[vial mk'd: Q100 PMS; lid mk'd: 59-70]

inside vial = slip paper w/

mother
are 2
around
mouth

and folded round filter paper

w/ [Hair originally 1 piece #1]

containing:

sm. particles of whit appears to be dried blood [left in paper]

coso from blue pajama top

and 1 short yarn (1/8" long, 1 ply 2, blue) (orig cut)
and fibers (2 long purple blk + fragments)

all mounted on 1 slide

all

G000175

Q89, Q92 & Q128
(added 2/9/79)

901030845 RR

Q89 = Vial + pillbox (PMS) + slide (PMS) in zip lock bag

- (1) Vial contains some fibers + on tan frag. transl. thin plastic
+ what appears to be emp. dried blood
+ tiny woodlike frag.
- (left over) → (2) Pillbox contains ^{2 sh. of p.c.'s} sev. thr (like blue PJ top)
- (3) Slide has sev. fibers

Q89 Additional slide made of fibers
removed from vial

Q92 = Vial + slide (PMS) in zip lock bag.

- (left over) → (1) Vial contains a few bits of white plastelike substance
- (2) Slide has sev. fibers

Q128 = Vial (#13, "left hand Mother") + Their slide (E-5, 13)

- (left over) → (1) Vial contains a small splinter
- (2) Slide contains a few fibers

Handwritten signature
all

G000176

90103084 SRR

KNOWN slides mounted from:

[Q4+Q5 in lg. plastic bag w/ pants + undershirt]

Q4 (top) & Q5 (bottom): Red + white pajamas (Krieten's)

Q4 = white, ^{printed} w/ red dots + solid red collar
(Label: Sears, all cotton) (elastic at sleeves)

Q5 = white, ^{printed} w/ red dots (elastic at waist + ankles)

[Q8 (bottom) & Q9 (top) + ^{their} glass slide w/ zip bag in lg plast. bag]

Q8 - solid pink (elastic waist)

Q9 - " " w/ white hair tips at neck + sleeves, + rose ad/frame design at neck (buttons)

Q111 = med. dk green ribbed bedspread (in lg plastic bag)

Q112 = pink blanket + ^{their} glass slide (in lg plast bag)
solid pink w/ quite satin binding

Blend of RAYON (most) & ACRYLIC

Q126 = Green yarn in vial [see separate notes]

K28 = Yarns [see separate notes]
lt. green, Med green, bright dk. pink, yellow, blue, purple

K29 = Pink powder puff + their slide in zip lock bag

K30 = Small rug in plast. bag

RAYON Shag type, center = shades of green + brown
outer portion = shades of blue + green

(Penny?)

K31 = Blue doll + 3 vials in plastic bag, within another plastic bag

Doll - white face + all blue (pussy) + yellow yarn
[Label: (Lionel) Wealth Toy Co., cotton + synthetic wool]

all

KNOWN S

701030845 RR

① K32 Med. size rug in plast. bag
RAYON Background = med. green low pile; generally square to rectangular
 shag patches = dk/med green, yel/lt green, lt/med green,
 pale/med/lt green, tan green (yarns)

① K33 Piece (cut out) of white carpeting in lg. plastic bag
 shag - white yarns (stained)
 (plasticlike coating on back)

① K34 = Doll shirt + thin slide in zip lock bag
 yellow w/ blk printed "Winnie The Pooh" &
 red/white striped edgings at top, bottom & sleeves
 (red yoke + white yoke)

① K35 = Lg stuffed dog in lg plastic bag
 Dog is orange (fur, eye) w/ yellow sitting (yoke)
 ears, dk. brown fuzzy nose, red felt tongue
 & plastic eyes (red + white + blk) - underside
 of ears are yel-orange satin lined.

[K36 (pullover) + K37 (blue slacks) in lg. plastic bag
 (w/ men's blk. slacks, child's blue pants + a sm. doll's head)]

① K36 (in sm. zip lock bag) = dk blue long sleeves w/
 zipper at neck, Label: 100% nylon, Full Fashioned
 & "mock turtle neck" (ribbed) [neck + body]

① K37 = dk. blue slacks w/ gray elastic band at waist

K38 = sm. stuffed doll in plastic bag
 [tag: CHINA] made of 6 diff. fabrics (diff. print
 designs) + bright orange yarn curls & printed face
 [printed: pink/orange & white; maroon & orange; white; brown & maroon; dark blue & blue & white] blk. rim: blk. head

ASB
 all

0000178

KNOWN S

90103084 SRR

① K39 Knit (or crocheted) collar in plastic bag
white yarn + lt. pink yarn + dk. pink yarn areas

⑫ K40 Afghan in paper bag [see separate notes]
Diff. colored squares (crocheted) with brown background
square shades: green, tan, yel-green, red/pink, red/orange, purple, dk, gold
Reigns: multicolored - purple/blue/red/orange/yel/green - one into another

① K41 pink toilet seat cover* (in plast bag) in with
zip-lock bag containing 4 vials } all in
4 " " " " 16 test tubes } big plastic bag

*[pink cover + their slide]
bright "shocking pink" (fuzzy, solid color)
w/ med. pink cottonlike binding

③ K42 [Small size, girls coat in plast. bag] - this is in
larger plastic bag w/ a quilt + terry cloth robe (ea. in pl. bag)

K42 = ^{body} blue fabric w/ green plaid
(squares approx 2" both directions)
(lines (green) approx 1/8" wide both directions)
collar has ^{material} green edge around ^{material} solid blue
|| lining = med. blue satin [not mounted]
(Not "damaged") (stain at bottom)

all

TOTAL: 4/10

G000179

KNOWN Slides of K40

90103084 S RR

K40 Afghan (12 slides)

① Background - medium brown yarn

"Squares" -

① Tan/brown = yn changes from:
white - beige - lt. tan - lt. brn - brn

① Purple = yn changes from
pale to medium to dark purple
(pinkish purple)

① Red/pink = yn chg's fr.
pale pink - light pink - lt. orangish pink -
orangish red - brownish red

① Red/gold/yellow = 4 colors of yn -
dk red (maroon) + orangish red +
gold (yellow-orange) + lt. yellow

① Red/orange/yellow = 5 colors of yn -
dk red (maroon) + red-orange + orange + gold + yellow

① Beige/green = green (med-lt) yarn + orangish beige yarn

① Light to dark green = pale, light, medium + dark green

① Yellow/^{gold}yellow-green = yellow + gold + yellow-green

③ Multicolor* = (one into another)

dk. purple, brown (purple-brown), red-orange,
orange, yellow, green, greenish blue

* (1) = various blended colors, (2) = pur/bro/rdngz/gld, (3) = y/l/lt/brn

all

C000180

901030845 RR

Per Murtagh on 2/9/79
(2:00 - 5:15 PM, Rm 3931M)

Examine additional evidence:

Q89 (Vial, pbx, slide - PMS)

Q92 (Vial, slide - PMS)

Q128 : Their slide "E-5 fibers" (w/ #13 vial)
[from left hand of Colette]

[Note: Yarn in Q100 prev. like blue PJ top]

Compare —

Stems out back door to Kn's of MBR

" from N.B.R. to " " "

" " M.B.R. to Kn's of N.B.R.

Kn. K30 → Kn K32 (any F's alike?)

Q81, Q83, Q89, Q92, (their "E-5") →
(aid) K30 & K32, etc. ^{Q128}

MSC - splinter in Q122?

Containers w/ J.A. (JSG) = Juice's initials

all

0000181

Solubility & Pol Tests on KN's

Acrylic

[all (100%); Q126, K28
part of: Q112]

⊖ sign elong., low B

Formic - I

HNO₃ - S fast

75% H₂SO₄ - S to PS

Rayon

[all (100%); K30, K32 ^(last 7 del)
part of (most); Q112]

⊕ sign elong., medium B (2nd ind)

Formic - I

HCl - I (sl. sw)

HFIP - I

75% H₂SO₄ - S (30 sec.)

AKY
all

MURPHY AFFIDAVIT

EXHIBIT 21

— = YARN or THREAD
 — = PLANT or WOOD
 — = HAIR(s)

L2082

Q78 [Vial in m. plant bag]

2 HAIRS - 1 slide.

1 thick white yn - poss in. 2 rug - in vial

sev. pcs. 2 ply Z sew. thr.

- 1 short blue cotton

- 1 ~~black~~ purple ~~cotton~~

- sev. purple cotton

} Ym + Thr.

- 1 pillbox

+ 1 slide

[see sep. not]

2 m. pcs wood - 1 pillbox

Few for fibers - 1 slide

Q79 [Vial in plant bag]

1 HAIR - 1 slide

(vial empty)

For. F's - 1 "

sev pcs sew thr + yns - 1 pillbox

9 wood frags - 1 pillbox

2 pcs yel tin paper + rip (p.m. mat) - 1 pillbox

Q80 [Vial]

7 frags of plant matter - in vial

(no human hair)

3 "tufts" - (blue + white printed yn)

(lt. green)

(brt. orange + red + white)

} intact?

- 1 pillbox

For. fibers } - 1 slide

1 anim hair

comp. green fabric)?

MS
all

581

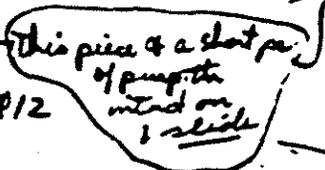
00170

YARN & THREAD

L 2082

from Q78, Q79 → Q87, Q89, Q94 → Q98, Q101 & Q106

Q78 * purpl. cot 22 - at least 12 pcs (1 blood-soaked) } Sew. th
* blue/blk cot 22 - 1 short piece ← this piece & a short pc. of purpl. th } like Q1
1 thick white ryl like yarn - not like Q12 } - 2 types:



Q80 3 "tufts": lt. green -; exelike
blue+white yn-printed, 1 ply 2 } each has
brt. orange ynth } not } like G

Q79 3 pcs. 1 ply 2, polyest/cotton yn - like Q12 fabric yn
(appear not like WARP)

sev. pcs (at least 15) purpl. sew th like = Q12
2 pcs 3 ply 2 brown cot sew th } not like
1 pc 1 ply 2 (blue-black F's & green F's -blend) yarn } in Q12

Q81 3 pcs (9", 4" + 3" long) purpl cot sew th like Q12

Q82 1 lt. blue yn - not like Q12

Q83 1 white 1 ply 2 yn - not " " like fabr, but pro. 2 in
paper

Q84 3 pcs purpl. cot th - like in Q12
(2 are blood-soaked)

2 pcs 1 ply 2 white yns - pro like piping of Q12

Q85 7 short pcs polyester/cotton yn - like Q12 fabr
(5 - FILLING, 2 - WARP)

sev. (about 15) pcs purpl. sew th - like in Q12

all

GREEN AFFIDAVIT
EXHIBIT 130

0000184

*GJ 130 RM
2-13-91*

0-4a (Rev. 1-19-67)
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

DATE: April 3, 1979 Re: United States v. Jeffrey R. MacDonald; CGR-MURDER

TO: SAC, Charlotte ~~XXXXXXXXXX~~
Attn: SA Don Murray
SRA - Raleigh, N. C.

Invoice of Contents

Q1-Q129 *33 sealed boxes and/or containers*
K1-K43

- Crypt.-Trans.
- Document
- P & C
- Radio Engineering
- LFPS

PICKED UP ON *April 3, 1979*
BY *Donald M Murray*

Special Instructions:
Mail Room: Show shipment date and registry number.
Shipping Room: Show shipment date; bill of lading number;
initial invoice; return to Section checked in block; after
initialing in block, invoice to be placed in administrative file.

FBI File No. 70-51728

*Remember being present when above evidence
relinquished to Murray, but not certain if I
was person who actually furnished evidence to Murray.*
AM