

85

guest:

Dr. Jeff Meldrum

June 26, 2023

Calling All Beings



1
00:00:16,290 --> 00:00:13,930

[Music]

2
00:00:24,380 --> 00:00:16,300
old days

3
00:00:30,170 --> 00:00:28,570
[Music]

4
00:00:35,990 --> 00:00:30,180
yeah

5
00:00:38,209 --> 00:00:36,000
on a Monday night we usually don't do it

6
00:00:41,150 --> 00:00:38,219
like this but we do it when we get a

7
00:00:43,130 --> 00:00:41,160
guest this big and guess what UFOs are

8
00:00:45,530 --> 00:00:43,140
going going to the ejection seat tonight

9
00:00:48,590 --> 00:00:45,540
and we're going bigfooting with my man

10
00:00:50,869 --> 00:00:48,600
from Idaho State welcome back I am DJ

11
00:00:54,170 --> 00:00:50,879
the host and along with the co-creator

12
00:00:57,049 --> 00:00:54,180
co-conspirator executive producer in fun

13
00:00:59,630 --> 00:00:57,059

interesting and entertaining positive

14

00:01:01,729 --> 00:00:59,640

talk about what Matt calls The

15

00:01:04,490 --> 00:01:01,739

Unexplained the phenomenon be it Bigfoot

16

00:01:07,310 --> 00:01:04,500

paranormal UFOs money Nathan what's up

17

00:01:09,050 --> 00:01:07,320

brother it's great to be here uh I you

18

00:01:11,570 --> 00:01:09,060

know this morning I started out with the

19

00:01:13,730 --> 00:01:11,580

case of the Mondays but they are in the

20

00:01:16,370 --> 00:01:13,740

rear view mirror I am so excited to be

21

00:01:19,630 --> 00:01:16,380

here tonight with Dr Jeff it's gonna be

22

00:01:24,590 --> 00:01:19,640

a good one can I get an amen

23

00:01:27,350 --> 00:01:24,600

so also uh with us is uh the the uh the

24

00:01:29,570 --> 00:01:27,360

Paragon of our cabinet cabbie virtue

25

00:01:32,210 --> 00:01:29,580

right here she's an original gangster

26

00:01:33,770 --> 00:01:32,220

she is uh people who counsels people on

27

00:01:35,749 --> 00:01:33,780

how to deal with their problems

28

00:01:37,910 --> 00:01:35,759

especially if you have dealt with a

29

00:01:40,850 --> 00:01:37,920

phenomenon you want to get a hold of Deb

30

00:01:43,969 --> 00:01:40,860

of UAP Med uh she is the host of Deb's

31

00:01:46,550 --> 00:01:43,979

Dada Dojo at a study of uap's Deb what's

32

00:01:49,490 --> 00:01:46,560

up homegirl I'm ready to get scientific

33

00:01:53,030 --> 00:01:51,590

and we brought on the right person to do

34

00:01:55,910 --> 00:01:53,040

that well actually I was chatting with

35

00:01:57,710 --> 00:01:55,920

about our guest with uh Dr Simeon Hein

36

00:01:59,770 --> 00:01:57,720

who actually had class tonight or we

37

00:02:03,050 --> 00:01:59,780

would have had him on but it turns out

38

00:02:05,209 --> 00:02:03,060

someone in simeon's family roomed with

39

00:02:06,170 --> 00:02:05,219

with Jeff at like duke or something I

40

00:02:08,210 --> 00:02:06,180

don't know we're gonna have to put this

41

00:02:10,370 --> 00:02:08,220

together Annie went to Stony Brook which

42

00:02:12,710 --> 00:02:10,380

means he's a New Yorker like me so

43

00:02:15,470 --> 00:02:12,720

without further Ado money he's a

44

00:02:18,530 --> 00:02:15,480

professor of anatomy and anthropology at

45

00:02:20,510 --> 00:02:18,540

Idaho State University where his work on

46

00:02:22,970 --> 00:02:20,520

how do I say this vertebrate

47

00:02:26,270 --> 00:02:22,980

evolutionary morphology and primate

48

00:02:30,350 --> 00:02:26,280

locomotor adaptations and the immersion

49

00:02:32,869 --> 00:02:30,360

of human bipedalism party people put

50

00:02:44,690 --> 00:02:32,879

those hands together

51
00:02:50,290 --> 00:02:46,430
we used to be here it sounds kind of

52
00:02:53,089 --> 00:02:50,300
ostentatian when you say it like that

53
00:02:55,430 --> 00:02:53,099
that's led me of the interests and

54
00:02:57,470 --> 00:02:55,440
Specialties yeah it's kind of kind of

55
00:03:00,410 --> 00:02:57,480
obtuse I guess for some but

56
00:03:03,050 --> 00:03:00,420
I love it I heard you speak at Ocala

57
00:03:04,970 --> 00:03:03,060
Jeff we got to meet up there and I loved

58
00:03:07,490 --> 00:03:04,980
it and you know

59
00:03:10,149 --> 00:03:07,500
um I I like to tell the UFO community

60
00:03:13,250 --> 00:03:10,159
that you are like of the Dr Gary Nolan

61
00:03:16,670 --> 00:03:13,260
uh of of the Bigfoot Community you bring

62
00:03:19,070 --> 00:03:16,680
a sense of legitimacy to the topic that

63
00:03:20,809 --> 00:03:19,080

we need uh just like Gary does on the

64

00:03:23,089 --> 00:03:20,819

UFO side of the house you guys are all

65

00:03:25,070 --> 00:03:23,099

colleagues you know Simeon Hein kind of

66

00:03:28,070 --> 00:03:25,080

vacillates between both communities

67

00:03:29,690 --> 00:03:28,080

which is great and um and so from that

68

00:03:31,610 --> 00:03:29,700

standpoint you know I really I really

69

00:03:33,830 --> 00:03:31,620

wanted to get your thoughts and and

70

00:03:36,350 --> 00:03:33,840

especially I I I'd like you to get into

71

00:03:38,809 --> 00:03:36,360

a little bit for for the benefit of our

72

00:03:41,930 --> 00:03:38,819

audience who is not as steeped in Big

73

00:03:44,270 --> 00:03:41,940

footology if you will uh as much as uh

74

00:03:47,750 --> 00:03:44,280

someone like myself who has dove in head

75

00:03:49,070 --> 00:03:47,760

first Nathan to a slightly lesser degree

76

00:03:50,990 --> 00:03:49,080

um the way you've broken down the

77

00:03:53,570 --> 00:03:51,000

Patterson gimlin film I thought would be

78

00:03:55,130 --> 00:03:53,580

interesting but before before we get to

79

00:03:57,410 --> 00:03:55,140

that brother we got to get to something

80

00:04:00,470 --> 00:03:57,420

that we have been asking your colleagues

81

00:04:02,869 --> 00:04:00,480

and by me your colleagues I mean phds

82

00:04:05,990 --> 00:04:02,879

that are studying the phenomenon writ

83

00:04:08,589 --> 00:04:06,000

large The Unexplained one one uh tangent

84

00:04:11,030 --> 00:04:08,599

or another right and we have asked them

85

00:04:14,750 --> 00:04:11,040

uh to talk about what their favorite

86

00:04:17,990 --> 00:04:14,760

potato chips are after we saw a trend so

87

00:04:20,930 --> 00:04:18,000

to help us to to provide to to add to

88

00:04:23,510 --> 00:04:20,940

this data set can you please tell us uh

89

00:04:25,370 --> 00:04:23,520

your favorite chips are they a salted

90

00:04:28,189 --> 00:04:25,380

potato chip either with ridges or

91

00:04:31,430 --> 00:04:28,199

without are they a seasoned potato chip

92

00:04:33,590 --> 00:04:31,440

or are you polychip in some way oh my

93

00:04:37,670 --> 00:04:33,600

well I've reached that stage of life

94

00:04:40,909 --> 00:04:37,680

where one has to uh uh be very careful

95

00:04:43,790 --> 00:04:40,919

about salt intake so chips are really

96

00:04:45,050 --> 00:04:43,800

way down on the scale they're they're a

97

00:04:48,469 --> 00:04:45,060

rare treat

98

00:04:50,930 --> 00:04:48,479

um we indulged in a bag of uh of uh

99

00:04:52,550 --> 00:04:50,940

Doritos some Hot Doritos I can't

100

00:04:55,070 --> 00:04:52,560

remember what flavor it was even my wife

101
00:04:55,990 --> 00:04:55,080
picked it up but I I must say I you know

102
00:05:00,590 --> 00:04:56,000
I search

103
00:05:02,230 --> 00:05:00,600
a long and hard to find regular tortilla

104
00:05:05,090 --> 00:05:02,240
chips that are

105
00:05:08,450 --> 00:05:05,100
reduced salt that you know the the good

106
00:05:10,310 --> 00:05:08,460
brands that don't uh that don't uh Parts

107
00:05:13,129 --> 00:05:10,320
your mouth when you stick it because I

108
00:05:15,950 --> 00:05:13,139
love salsa and I love guacamole I love

109
00:05:19,070 --> 00:05:15,960
mixing all those uh you know the the

110
00:05:21,110 --> 00:05:19,080
black beans and rice and and guac and

111
00:05:24,830 --> 00:05:21,120
sour cream stack it on and then just go

112
00:05:26,689 --> 00:05:24,840
at it with a a bowl of chips so I'd have

113
00:05:28,550 --> 00:05:26,699

to say I'd have to say tortilla chips

114

00:05:31,370 --> 00:05:28,560

probably because but that's not potato

115

00:05:36,850 --> 00:05:31,380

It's gotta be potato based oh you just

116

00:05:40,129 --> 00:05:36,860

said chips okay well yeah uh you know uh

117

00:05:42,830 --> 00:05:40,139

I I'm I'm partial to Stacks quite

118

00:05:45,409 --> 00:05:42,840

honestly barbecue flavored Stacks that's

119

00:05:48,290 --> 00:05:45,419

my you know go with the sandwich uh

120

00:05:51,290 --> 00:05:48,300

Choice a nice all right dill pickles

121

00:05:53,990 --> 00:05:51,300

here and and a sandwich and a stack of

122

00:05:55,670 --> 00:05:54,000

or a handful of of chips because they

123

00:05:58,790 --> 00:05:55,680

have they're baked they have less oils

124

00:06:00,590 --> 00:05:58,800

less salt so anyway I am with you

125

00:06:03,050 --> 00:06:00,600

brother so you are you are in this

126

00:06:04,249 --> 00:06:03,060

you've skewed the data a little bit from

127

00:06:07,370 --> 00:06:04,259

some of your colleagues who were

128

00:06:10,189 --> 00:06:07,380

polychip uh Dr Gary Nolan was a was a

129

00:06:12,050 --> 00:06:10,199

seesaw person like myself but but okay

130

00:06:13,730 --> 00:06:12,060

so you've you're a seasoned chip person

131

00:06:15,710 --> 00:06:13,740

that's where you're at you like a

132

00:06:17,390 --> 00:06:15,720

seasoned chip like barbecue okay yeah

133

00:06:20,390 --> 00:06:17,400

thank you for adding to that and playing

134

00:06:21,890 --> 00:06:20,400

along with our Ridiculousness uh let me

135

00:06:24,230 --> 00:06:21,900

let me pass you over to the capable

136

00:06:26,570 --> 00:06:24,240

hands of money Nathan just one more data

137

00:06:29,270 --> 00:06:26,580

point right the world's a better place

138

00:06:32,450 --> 00:06:29,280

for it right absolutely answering big

139

00:06:33,830 --> 00:06:32,460

questions here yeah so uh Dr Meldrum as

140

00:06:36,290 --> 00:06:33,840

DJ mentioned I think it would be great

141

00:06:38,930 --> 00:06:36,300

for our audience if if we could just

142

00:06:41,629 --> 00:06:38,940

have you speak to the Patterson gimlin

143

00:06:43,850 --> 00:06:41,639

footage a little bit a lot of our folks

144

00:06:45,290 --> 00:06:43,860

just aren't familiar even talking today

145

00:06:47,510 --> 00:06:45,300

to someone about this and they were like

146

00:06:49,490 --> 00:06:47,520

I haven't seen that film which surprises

147

00:06:50,930 --> 00:06:49,500

me you know everyone has seen that film

148

00:06:52,610 --> 00:06:50,940

but yeah there are some who just aren't

149

00:06:54,110 --> 00:06:52,620

familiar with it so what I wanted to do

150

00:06:55,969 --> 00:06:54,120

I'll just put it up on screen real quick

151
00:06:57,529 --> 00:06:55,979
it's a short clip actually slowed it

152
00:06:59,570 --> 00:06:57,539
down just a little because I think it's

153
00:07:01,550 --> 00:06:59,580
a little easier to to think about slow

154
00:07:03,050 --> 00:07:01,560
so we're going to put it up and uh and

155
00:07:05,510 --> 00:07:03,060
maybe you can kind of walk us through

156
00:07:07,309 --> 00:07:05,520
this just just a little bit here so hold

157
00:07:09,469 --> 00:07:07,319
on sure

158
00:07:13,730 --> 00:07:09,479
well this is this is shot in Northern

159
00:07:16,249 --> 00:07:13,740
California back in 1967 at a time when

160
00:07:18,469 --> 00:07:16,259
you know much of Northern California was

161
00:07:20,749 --> 00:07:18,479
extremely wild it still is there's a few

162
00:07:23,930 --> 00:07:20,759
you know paved highways that uh

163
00:07:26,870 --> 00:07:23,940

crisscross that end of the state but uh

164

00:07:31,790 --> 00:07:26,880

Roger Patterson and Bob gimlin had gone

165

00:07:35,629 --> 00:07:31,800

down there uh in uh in follow-up to a

166

00:07:38,330 --> 00:07:35,639

report of some exceptional Footprints uh

167

00:07:41,570 --> 00:07:38,340

one of which I'm I'm inclined to think

168

00:07:46,129 --> 00:07:41,580

is actually her Footprints this

169

00:07:50,270 --> 00:07:46,139

individual and uh she was appeared to be

170

00:07:52,969 --> 00:07:50,280

in company with two smaller individuals

171

00:07:54,409 --> 00:07:52,979

one with a 13 inch foot and one with an

172

00:07:56,089 --> 00:07:54,419

11 inch foot

173

00:07:58,610 --> 00:07:56,099

and

174

00:08:00,230 --> 00:07:58,620

the 11 inch one isn't as well documented

175

00:08:01,790 --> 00:08:00,240

and there there have been some that have

176
00:08:04,129 --> 00:08:01,800
suggested that might have actually been

177
00:08:06,050 --> 00:08:04,139
one of the loggers who took their boot

178
00:08:08,809 --> 00:08:06,060
off and sawkoff to step next to the

179
00:08:12,589 --> 00:08:08,819
footprint uh for a scale

180
00:08:15,409 --> 00:08:12,599
but uh in any case uh they were down

181
00:08:17,930 --> 00:08:15,419
there and as you can see they they

182
00:08:22,369 --> 00:08:17,940
struck gold when it came

183
00:08:25,129 --> 00:08:22,379
uh to that uh that Friday and they went

184
00:08:27,409 --> 00:08:25,139
up a particular Creek and as they came

185
00:08:29,749 --> 00:08:27,419
around abandoned the creek there was a

186
00:08:32,209 --> 00:08:29,759
big Crow's Nest a big root wad there's

187
00:08:35,389 --> 00:08:32,219
as you can see all the debris that's

188
00:08:38,389 --> 00:08:35,399

littering the uh the scoured creek

189

00:08:40,969 --> 00:08:38,399

bottom the valley there uh as a result

190

00:08:43,969 --> 00:08:40,979

of seasonal floods there had been some

191

00:08:48,710 --> 00:08:43,979

real severe flooding so a lot of debris

192

00:08:51,230 --> 00:08:48,720

and that probably that and the and the

193

00:08:52,970 --> 00:08:51,240

sound of the creek babbling down through

194

00:08:55,250 --> 00:08:52,980

its bed and perhaps you know the

195

00:08:56,150 --> 00:08:55,260

direction of the wind the creature

196

00:08:58,190 --> 00:08:56,160

didn't

197

00:09:01,070 --> 00:08:58,200

um wasn't apparently aware of their

198

00:09:02,810 --> 00:09:01,080

approach and as they emerged around that

199

00:09:06,170 --> 00:09:02,820

big Crow's Nest

200

00:09:08,090 --> 00:09:06,180

uh off to their left standing much

201
00:09:11,389 --> 00:09:08,100
closer than you see it here even

202
00:09:14,449 --> 00:09:11,399
uh was this creature on the the creek

203
00:09:17,030 --> 00:09:14,459
bed uh The Sandbar the creek had kind of

204
00:09:19,310 --> 00:09:17,040
cut down through the SandBar and so it

205
00:09:23,930 --> 00:09:19,320
was recessed about three feet

206
00:09:26,570 --> 00:09:23,940
and um the horses got smell of it and

207
00:09:30,769 --> 00:09:26,580
reared and Roger's horse fell on its

208
00:09:34,070 --> 00:09:30,779
side he uh very nimbly he'd actually

209
00:09:36,650 --> 00:09:34,080
practiced extricating his camera from

210
00:09:38,870 --> 00:09:36,660
the saddlebag he kept one of the one of

211
00:09:40,910 --> 00:09:38,880
the buckles on the Saddleback open so

212
00:09:42,850 --> 00:09:40,920
that he could reach right in pull it out

213
00:09:45,889 --> 00:09:42,860

and went running across the creek

214

00:09:48,650 --> 00:09:45,899

filming as he ran so the first part the

215

00:09:51,829 --> 00:09:48,660

precedes this clip that you showed uh

216

00:09:54,650 --> 00:09:51,839

the image is gyrating wildly as Rogers

217

00:09:57,910 --> 00:09:54,660

running across the creek you catch a

218

00:10:01,370 --> 00:09:57,920

couple of glimpses of it as the camera

219

00:10:03,290 --> 00:10:01,380

lens passes over but then he literally

220

00:10:05,150 --> 00:10:03,300

you know you can imagine with one eye

221

00:10:06,769 --> 00:10:05,160

closed the other eye just up against

222

00:10:08,930 --> 00:10:06,779

this little viewfinder which makes

223

00:10:12,769 --> 00:10:08,940

everything look very small quite

224

00:10:16,370 --> 00:10:12,779

honestly he ran uh right headlong into

225

00:10:18,410 --> 00:10:16,380

that three foot tall Sandbar the bank

226

00:10:20,509 --> 00:10:18,420

there and it knocked him to his knees

227

00:10:22,930 --> 00:10:20,519

dropped him to Disney which was good

228

00:10:26,750 --> 00:10:22,940

because then he could stable

229

00:10:27,710 --> 00:10:26,760

yeah and he had that uh that very iconic

230

00:10:31,910 --> 00:10:27,720

pan

231

00:10:34,970 --> 00:10:31,920

uh to stay dry as the creature um

232

00:10:37,250 --> 00:10:34,980

walked across uh behind the debris

233

00:10:39,970 --> 00:10:37,260

obscured by debris at one point he got

234

00:10:43,130 --> 00:10:39,980

up and changed positions when the

235

00:10:45,110 --> 00:10:43,140

intervening trees was were obscuring his

236

00:10:48,710 --> 00:10:45,120

View and he got a really interesting

237

00:10:50,569 --> 00:10:48,720

parting shot as it makes its way up the

238

00:10:53,449 --> 00:10:50,579

Upstream

239

00:10:56,630 --> 00:10:53,459

and you can see the whole back profile

240

00:10:59,810 --> 00:10:56,640

this massive broad shoulders and and

241

00:11:03,170 --> 00:10:59,820

traps uh the coming up high on the head

242

00:11:05,150 --> 00:11:03,180

and and a very interesting aspect to the

243

00:11:08,630 --> 00:11:05,160

gate you can actually see how as it

244

00:11:11,569 --> 00:11:08,640

lifts each foot it turns the foot out a

245

00:11:15,829 --> 00:11:11,579

little bit and uh I think that's an just

246

00:11:20,090 --> 00:11:15,839

an adaptation to the relatively longer

247

00:11:22,490 --> 00:11:20,100

foot I mean longer relative to leg

248

00:11:25,009 --> 00:11:22,500

length that we see you know it kind of

249

00:11:27,050 --> 00:11:25,019

reminds me of when you try to walk on

250

00:11:29,569 --> 00:11:27,060

the beach down the beach into the water

251
00:11:31,910 --> 00:11:29,579
with swim fins on and you have to kind

252
00:11:33,410 --> 00:11:31,920
of high step and turn your foot out a

253
00:11:35,389 --> 00:11:33,420
little bit or else you know it's easier

254
00:11:38,690 --> 00:11:35,399
yes or turn around and walk backwards

255
00:11:40,130 --> 00:11:38,700
but you know so the the skeptic would

256
00:11:42,110 --> 00:11:40,140
say oh well yeah that's because he's

257
00:11:44,329 --> 00:11:42,120
wearing these big clown feet so he has

258
00:11:46,730 --> 00:11:44,339
to walk like he's wearing flippers uh

259
00:11:48,590 --> 00:11:46,740
the whoever's in the costume but no I

260
00:11:50,569 --> 00:11:48,600
think it's I think it's part of the I

261
00:11:52,910 --> 00:11:50,579
mean the adaptation it doesn't look

262
00:11:56,690 --> 00:11:52,920
unnatural in the least it doesn't look

263
00:11:59,090 --> 00:11:56,700

awkward uh or uh or ungainly I mean it

264

00:12:02,990 --> 00:11:59,100

just it's a smooth

265

00:12:05,750 --> 00:12:03,000

um seamless gate that is so you know

266

00:12:06,949 --> 00:12:05,760

correlated with the rest of the anatomy

267

00:12:09,350 --> 00:12:06,959

so

268

00:12:10,970 --> 00:12:09,360

anyway I was going to say not to mention

269

00:12:12,710 --> 00:12:10,980

no one on planet Earth would have made

270

00:12:14,750 --> 00:12:12,720

it a female if they were trying to

271

00:12:16,130 --> 00:12:14,760

create a monster suit no one would have

272

00:12:18,530 --> 00:12:16,140

said hey you know what let's add mammary

273

00:12:21,230 --> 00:12:18,540

glands for the helmet well the The

274

00:12:23,810 --> 00:12:21,240

Devil's Advocate would say

275

00:12:26,810 --> 00:12:23,820

it's hard you know a male Sasquatches

276

00:12:29,030 --> 00:12:26,820

allegedly anywhere from seven to eight

277

00:12:31,610 --> 00:12:29,040

or nine feet tall hard to find someone

278

00:12:35,389 --> 00:12:31,620

to fit a suit hard to find a suit that's

279

00:12:38,150 --> 00:12:35,399

made for someone of that stature and so

280

00:12:40,430 --> 00:12:38,160

if you're going to put a man uh you know

281

00:12:43,850 --> 00:12:40,440

a six foot man or a six and a half foot

282

00:12:46,190 --> 00:12:43,860

man into a suit even even to find a suit

283

00:12:49,009 --> 00:12:46,200

for a six and a half foot man would be

284

00:12:51,370 --> 00:12:49,019

uh would be problematic but what you

285

00:12:55,009 --> 00:12:51,380

would do then is that would be a female

286

00:12:58,850 --> 00:12:55,019

Sasquatch smaller height right and the

287

00:13:01,610 --> 00:12:58,860

reports which Patterson had

288

00:13:06,350 --> 00:13:01,620

had depicted in his book the reports

289

00:13:09,170 --> 00:13:06,360

namely the Austin abduction report and

290

00:13:13,490 --> 00:13:09,180

the William Rowe uh encounter which is

291

00:13:17,329 --> 00:13:13,500

just an iconic classic daytime uh very

292

00:13:21,290 --> 00:13:17,339

uh careful observation uh both made

293

00:13:23,889 --> 00:13:21,300

mention of uh pendula's breasts and so

294

00:13:27,949 --> 00:13:23,899

you know I mean it would have taken some

295

00:13:32,150 --> 00:13:27,959

clever reverse engineering now to flip

296

00:13:34,850 --> 00:13:32,160

back to the the protagonist side uh and

297

00:13:38,629 --> 00:13:34,860

in fact uh you know Bill well first of

298

00:13:42,530 --> 00:13:38,639

all let's Philip Morris the the uh

299

00:13:47,150 --> 00:13:42,540

supposed costume maker uh have a costume

300

00:13:49,430 --> 00:13:47,160

in stock with with uh breasts in fact

301

00:13:53,930 --> 00:13:49,440

all of his costumes have the bare

302

00:13:57,110 --> 00:13:53,940

chested gorilla like uh uh anatomy and

303

00:14:00,710 --> 00:13:57,120

so when when they were challenged he and

304

00:14:03,829 --> 00:14:00,720

and Bob Hieronymus who claimed one of

305

00:14:05,569 --> 00:14:03,839

the claimants in the suit to having been

306

00:14:06,350 --> 00:14:05,579

in the suit

307

00:14:09,829 --> 00:14:06,360

um

308

00:14:13,850 --> 00:14:09,839

Morris kind of reverse engineered and

309

00:14:15,650 --> 00:14:13,860

and attached hairy breasts to one of his

310

00:14:18,829 --> 00:14:15,660

costumes and I mean it looks ridiculous

311

00:14:21,350 --> 00:14:18,839

it just looks looks really silly but

312

00:14:24,230 --> 00:14:21,360

more fascinating from an anatomical

313

00:14:27,170 --> 00:14:24,240

point of view is is the study that uh

314

00:14:29,329 --> 00:14:27,180

Bill Munns and I I helped in a small way

315

00:14:31,490 --> 00:14:29,339

helped to facilitate the funding of it

316

00:14:32,870 --> 00:14:31,500

that was significant I didn't or it

317

00:14:35,690 --> 00:14:32,880

could be I wasn't able to participate

318

00:14:37,850 --> 00:14:35,700

directly in the the research but with

319

00:14:41,449 --> 00:14:37,860

the um there's this really interesting

320

00:14:43,430 --> 00:14:41,459

little segment of the film where

321

00:14:46,610 --> 00:14:43,440

um you know how if you're walking down

322

00:14:48,650 --> 00:14:46,620

the sidewalk and and by chance one of

323

00:14:50,329 --> 00:14:48,660

the squares of the cement is a little

324

00:14:52,550 --> 00:14:50,339

bit you know could only be a quarter of

325

00:14:55,970 --> 00:14:52,560

an inch lower but it's lower than you

326

00:14:58,730 --> 00:14:55,980

expect and you anticipate and so instead

327

00:15:01,129 --> 00:14:58,740

of reaching the cement as you step you

328

00:15:03,769 --> 00:15:01,139

have an extra quarter half inch and it

329

00:15:06,769 --> 00:15:03,779

gives you that jolting jar that rattles

330

00:15:09,230 --> 00:15:06,779

your spine and brain well there's

331

00:15:11,990 --> 00:15:09,240

there's a spot in the film where that

332

00:15:15,410 --> 00:15:12,000

happens to daddy she's walking on The

333

00:15:18,530 --> 00:15:15,420

Sandbar and you can see that jolt and

334

00:15:21,290 --> 00:15:18,540

the shock wave travels literally up her

335

00:15:24,290 --> 00:15:21,300

leg through that soft tissue all the way

336

00:15:27,889 --> 00:15:24,300

up until it hits the breasts and the

337

00:15:30,050 --> 00:15:27,899

breast compresses expands laterally and

338

00:15:32,870 --> 00:15:30,060

then rebounds back to its original shape

339

00:15:38,269 --> 00:15:32,880

and then in a remarkably natural way now

340

00:15:40,189 --> 00:15:38,279

Bill munz poses that if faced with the

341

00:15:42,590 --> 00:15:40,199

prospect of

342

00:15:45,230 --> 00:15:42,600

creating these breasts

343

00:15:48,230 --> 00:15:45,240

life-like breasts on this costume there

344

00:15:50,509 --> 00:15:48,240

were only so many options open to a

345

00:15:52,129 --> 00:15:50,519

costume designer you could just fill it

346

00:15:53,629 --> 00:15:52,139

with fluff then it would certainly

347

00:15:56,569 --> 00:15:53,639

wouldn't behave with any weight or

348

00:15:58,250 --> 00:15:56,579

inertia or you could as was commonly

349

00:16:01,490 --> 00:15:58,260

done you could fill it with something

350

00:16:06,410 --> 00:16:01,500

like rice or a grain or pellets you know

351
00:16:08,689 --> 00:16:06,420
BBS or you could use some kind of a you

352
00:16:11,569 --> 00:16:08,699
know polystyrene or something a an

353
00:16:16,310 --> 00:16:11,579
expansion foam just a fill that could be

354
00:16:20,090 --> 00:16:16,320
sculpted and fill the the space or you

355
00:16:21,710 --> 00:16:20,100
could use water balloons and that you

356
00:16:23,509 --> 00:16:21,720
know the latter would be the most likely

357
00:16:27,850 --> 00:16:23,519
but even that that's almost too much

358
00:16:31,850 --> 00:16:27,860
weight right too much sloshing around

359
00:16:35,569 --> 00:16:31,860
that uh so uh he actually we we've

360
00:16:39,290 --> 00:16:35,579
published a study together using

361
00:16:41,930 --> 00:16:39,300
um models human human subject models to

362
00:16:43,730 --> 00:16:41,940
demonstrate that that Dynamic that

363
00:16:46,249 --> 00:16:43,740

action of the compression of the breast

364

00:16:48,769 --> 00:16:46,259

tissue with the jolt he devised an

365

00:16:51,530 --> 00:16:48,779

apparatus that would when you'd stand on

366

00:16:53,210 --> 00:16:51,540

it then pull the release it would drop a

367

00:16:55,009 --> 00:16:53,220

quarter of an inch just enough to create

368

00:16:57,290 --> 00:16:55,019

that little bit of shock wave and then

369

00:16:59,990 --> 00:16:57,300

with high speed film actually document

370

00:17:02,090 --> 00:17:00,000

that that compression that shock wave

371

00:17:04,069 --> 00:17:02,100

going up through the through the Torso

372

00:17:06,169 --> 00:17:04,079

and the compression of the breast issue

373

00:17:09,169 --> 00:17:06,179

and made comparisons to other different

374

00:17:10,970 --> 00:17:09,179

attempts to fabricate breast tissue and

375

00:17:12,650 --> 00:17:10,980

you know there's no comparison I mean

376

00:17:16,010 --> 00:17:12,660

it's just nothing even the water bullets

377

00:17:18,110 --> 00:17:16,020

it just doesn't it doesn't compare so

378

00:17:21,049 --> 00:17:18,120

that's published by the way in The Relic

379

00:17:23,390 --> 00:17:21,059

hominoid inquiry which is an online

380

00:17:25,970 --> 00:17:23,400

Journal put a plug-in for it here an

381

00:17:28,429 --> 00:17:25,980

online Journal that that I edit with the

382

00:17:31,070 --> 00:17:28,439

assistance of a of a full editorial

383

00:17:32,630 --> 00:17:31,080

board we're in about the 12th year of

384

00:17:33,610 --> 00:17:32,640

publishing

385

00:17:36,409 --> 00:17:33,620

um

386

00:17:39,470 --> 00:17:36,419

academic peer-reviewed articles

387

00:17:43,130 --> 00:17:39,480

and this was one study that that was

388

00:17:44,810 --> 00:17:43,140

included in the content what was the

389

00:17:47,270 --> 00:17:44,820

other individual you said I want to look

390

00:17:51,470 --> 00:17:47,280

up uh Beyond uh Albert Osman the other

391

00:17:53,630 --> 00:17:51,480

one you said William Rowe exciting yeah

392

00:17:55,909 --> 00:17:53,640

William Rowe and this is one of those

393

00:17:58,490 --> 00:17:55,919

early and and it's a fascinating

394

00:17:59,870 --> 00:17:58,500

description because it was so early you

395

00:18:03,470 --> 00:17:59,880

know these days there's so much

396

00:18:06,289 --> 00:18:03,480

portrayed on uh cable television and on

397

00:18:08,930 --> 00:18:06,299

the internet social media there's so

398

00:18:12,169 --> 00:18:08,940

many I mean now it's the all the AI

399

00:18:13,789 --> 00:18:12,179

generated uh concoctions of what

400

00:18:17,390 --> 00:18:13,799

Sasquatch or Bigfoot might look like

401
00:18:23,690 --> 00:18:17,400
that that the image that people have is

402
00:18:27,470 --> 00:18:23,700
is readily uh accessible uh back in in

403
00:18:30,710 --> 00:18:27,480
the 1940s and 50s you know there was no

404
00:18:34,909 --> 00:18:30,720
pattern for a person like William Rowe

405
00:18:36,770 --> 00:18:34,919
to describe a creature that is yet still

406
00:18:39,409 --> 00:18:36,780
so remarkably similar to what

407
00:18:41,870 --> 00:18:39,419
eyewitnesses are seeing today and what

408
00:18:45,529 --> 00:18:41,880
we see on the Patterson gimlin film you

409
00:18:49,130 --> 00:18:45,539
know I I so I find those pre-internet

410
00:18:50,450 --> 00:18:49,140
uh descriptions to be very compelling

411
00:18:53,270 --> 00:18:50,460
um because they just you know they

412
00:18:54,770 --> 00:18:53,280
weren't comparing notes right copying

413
00:18:57,169 --> 00:18:54,780

off of something they heard on a podcast

414

00:18:59,630 --> 00:18:57,179

and say hey I'm gonna fashion my story a

415

00:19:01,370 --> 00:18:59,640

lot like that I I totally get that I

416

00:19:03,350 --> 00:19:01,380

just want to ask I'm just supposed to

417

00:19:06,230 --> 00:19:03,360

add and even and the other Pitfall is

418

00:19:09,409 --> 00:19:06,240

that even sincere Witnesses

419

00:19:11,029 --> 00:19:09,419

they can have a preconception and if

420

00:19:13,370 --> 00:19:11,039

they saw something even if it's a

421

00:19:16,250 --> 00:19:13,380

glimpse their brain already has this

422

00:19:20,570 --> 00:19:16,260

template in their in mind and it's easy

423

00:19:22,610 --> 00:19:20,580

to fill in the gaps to to recall details

424

00:19:26,870 --> 00:19:22,620

that were never observed but that were

425

00:19:28,909 --> 00:19:26,880

already planted in in one's mind and the

426

00:19:31,669 --> 00:19:28,919

Brain just readily gloms onto that to

427

00:19:34,250 --> 00:19:31,679

fill in the gaps to create an expected

428

00:19:37,730 --> 00:19:34,260

narrative that makes sense

429

00:19:39,529 --> 00:19:37,740

and that that does make sense in total

430

00:19:41,930 --> 00:19:39,539

um I want to ask from a behavioral

431

00:19:44,270 --> 00:19:41,940

standpoint did you get you know she was

432

00:19:48,049 --> 00:19:44,280

bending down having a drink I think is

433

00:19:50,810 --> 00:19:48,059

what those guys thought did from from a

434

00:19:53,510 --> 00:19:50,820

primate behavioral standpoint

435

00:19:56,450 --> 00:19:53,520

um do you do you glean anything that she

436

00:19:58,909 --> 00:19:56,460

didn't bring young ones down there to to

437

00:20:01,010 --> 00:19:58,919

the water line with her or that she was

438

00:20:03,049 --> 00:20:01,020

by herself does that trigger anything

439

00:20:05,150 --> 00:20:03,059

for you well yeah there's there's

440

00:20:07,070 --> 00:20:05,160

several possibilities and we're kind of

441

00:20:09,770 --> 00:20:07,080

you know getting out on the on the

442

00:20:13,490 --> 00:20:09,780

branch a little bit here but but the

443

00:20:17,150 --> 00:20:13,500

fact that she seemed to have been in

444

00:20:19,029 --> 00:20:17,160

company if if my inclination is correct

445

00:20:22,549 --> 00:20:19,039

that those those tracks that were

446

00:20:26,210 --> 00:20:22,559

documented the month prior were hers

447

00:20:30,049 --> 00:20:26,220

included hers then she had some um

448

00:20:33,409 --> 00:20:30,059

presumably some dependent or or

449

00:20:37,730 --> 00:20:33,419

or otherwise Offspring with her

450

00:20:39,830 --> 00:20:37,740

um and it's even been suggested that she

451
00:20:42,950 --> 00:20:39,840
might have recently given birth if you

452
00:20:46,390 --> 00:20:42,960
notice there on that image she has a

453
00:20:49,730 --> 00:20:46,400
little bit of a of a lap over her waist

454
00:20:52,669 --> 00:20:49,740
which the critics argue is you know it's

455
00:20:54,830 --> 00:20:52,679
a belt cinched with a costume shirt

456
00:20:57,590 --> 00:20:54,840
hanging over the edge but it just goes

457
00:21:01,549 --> 00:20:57,600
around perfectly to the side of the

458
00:21:05,350 --> 00:21:01,559
midriff which is how the excessive belly

459
00:21:09,950 --> 00:21:05,360
skin postpartum immediately following

460
00:21:11,870 --> 00:21:09,960
childbirth would would appear also the

461
00:21:15,470 --> 00:21:11,880
breasts are very prominent they're not

462
00:21:18,049 --> 00:21:15,480
always described as prominent in um in

463
00:21:20,390 --> 00:21:18,059

eyewitness accounts I mean it strikes me

464

00:21:23,570 --> 00:21:20,400

that she could be lactating that could

465

00:21:25,610 --> 00:21:23,580

be postpartum engorgement even of of the

466

00:21:28,370 --> 00:21:25,620

breasts and that she has recently given

467

00:21:32,029 --> 00:21:28,380

birth which might be why

468

00:21:35,810 --> 00:21:32,039

there were some young or dependent

469

00:21:37,549 --> 00:21:35,820

Offspring with her or uh you know even

470

00:21:39,470 --> 00:21:37,559

if they were not were not entirely

471

00:21:42,350 --> 00:21:39,480

dependent they were there

472

00:21:45,049 --> 00:21:42,360

to uh lend assist it's got the Midwifery

473

00:21:47,690 --> 00:21:45,059

kind of model in other words and it's

474

00:21:50,169 --> 00:21:47,700

been suggested that her behavior of

475

00:21:54,230 --> 00:21:50,179

walking through this open

476

00:21:56,210 --> 00:21:54,240

uh stretch of the creek bed in full view

477

00:21:59,690 --> 00:21:56,220

of these men on horseback

478

00:22:02,690 --> 00:21:59,700

when she could have uh you know made a

479

00:22:04,430 --> 00:22:02,700

beeline to that tree line and gone up

480

00:22:06,830 --> 00:22:04,440

that I mean she's quite capable of

481

00:22:10,669 --> 00:22:06,840

scaling up that steep Mountain slope

482

00:22:13,430 --> 00:22:10,679

through that brush and and Deadfall

483

00:22:15,770 --> 00:22:13,440

um but instead she seems to attempt to

484

00:22:18,830 --> 00:22:15,780

lead them down the

485

00:22:21,710 --> 00:22:18,840

um down the path there and it's many

486

00:22:23,990 --> 00:22:21,720

have have suggested that it's the uh you

487

00:22:26,330 --> 00:22:24,000

know the broken bird wing

488

00:22:30,250 --> 00:22:26,340

um model where they're she's trying to

489

00:22:33,470 --> 00:22:30,260

lead them away from her Offspring maybe

490

00:22:36,950 --> 00:22:33,480

is you know uh sequestered with one of

491

00:22:39,830 --> 00:22:36,960

these uh some adults somewhere now those

492

00:22:42,529 --> 00:22:39,840

who visited the site

493

00:22:46,130 --> 00:22:42,539

you know but in addition to Roger and

494

00:22:48,950 --> 00:22:46,140

Bob they they only witnessed uh one set

495

00:22:51,890 --> 00:22:48,960

of footprints and others like

496

00:22:55,130 --> 00:22:51,900

um Bob titmus obviously as an ex

497

00:22:57,529 --> 00:22:55,140

excellent tracker and uh studied the

498

00:23:00,830 --> 00:22:57,539

area very very carefully yeah shortly

499

00:23:04,310 --> 00:23:00,840

afterwards uh about a little more than a

500

00:23:05,830 --> 00:23:04,320

week about 10 days two weeks and he said

501
00:23:08,930 --> 00:23:05,840
there was no sign of any other

502
00:23:11,450 --> 00:23:08,940
Footprints so if they were there she

503
00:23:14,029 --> 00:23:11,460
must have been separated from them some

504
00:23:16,909 --> 00:23:14,039
distance uh it's not like they were just

505
00:23:19,549 --> 00:23:16,919
hiding down behind the wall okay the

506
00:23:22,970 --> 00:23:19,559
immediate side but but those are you

507
00:23:25,010 --> 00:23:22,980
know interesting angles that aren't out

508
00:23:27,590 --> 00:23:25,020
of the realm of possibility

509
00:23:31,190 --> 00:23:27,600
uh I mean what what is important to me

510
00:23:35,210 --> 00:23:31,200
is the fact that whatever transpired was

511
00:23:40,909 --> 00:23:35,220
very spontaneous and was

512
00:23:42,770 --> 00:23:40,919
um uh you know a a one one take one uh

513
00:23:45,590 --> 00:23:42,780

you know because you can imagine if

514

00:23:47,330 --> 00:23:45,600

somebody you know they they stumble they

515

00:23:50,029 --> 00:23:47,340

they say oh let me do that one more time

516

00:23:53,090 --> 00:23:50,039

and of course all that would leave a

517

00:23:58,549 --> 00:23:55,430

um I had the opportunity to visit with

518

00:23:59,750 --> 00:23:58,559

uh Lyle laverty Lyle was a Timber

519

00:24:03,230 --> 00:23:59,760

Cruiser

520

00:24:06,190 --> 00:24:03,240

at the time had a summer crew they were

521

00:24:09,409 --> 00:24:06,200

marking some of the timber for Salvage

522

00:24:11,029 --> 00:24:09,419

uh because of all that down Timbers

523

00:24:13,370 --> 00:24:11,039

result of the flood

524

00:24:15,169 --> 00:24:13,380

they were working in that area they were

525

00:24:17,690 --> 00:24:15,179

in town for the weekend they'd already

526
00:24:19,970 --> 00:24:17,700
left you know Friday Saturday Sunday in

527
00:24:21,169 --> 00:24:19,980
Willow Creek just you know doing their

528
00:24:25,070 --> 00:24:21,179
business and

529
00:24:28,310 --> 00:24:25,080
and but they got wind of the

530
00:24:31,549 --> 00:24:28,320
um the brouhaha over this film

531
00:24:33,310 --> 00:24:31,559
and uh heard heard stories told about it

532
00:24:37,549 --> 00:24:33,320
and said

533
00:24:40,250 --> 00:24:37,559
he didn't meet up with the Roger and Bob

534
00:24:42,110 --> 00:24:40,260
to my knowledge but he he uh in

535
00:24:44,029 --> 00:24:42,120
disgusting with this Crew He said that's

536
00:24:47,029 --> 00:24:44,039
really close to where we were camped

537
00:24:49,310 --> 00:24:47,039
before and so they went back and sure

538
00:24:53,870 --> 00:24:49,320

enough they found

539

00:24:58,190 --> 00:24:53,880

um the film site and um Lyle uh

540

00:25:00,230 --> 00:24:58,200

photographed uh with the color slides a

541

00:25:02,870 --> 00:25:00,240

number of the footprints

542

00:25:04,549 --> 00:25:02,880

and he went on through the forest

543

00:25:07,610 --> 00:25:04,559

service became number two in the forest

544

00:25:11,570 --> 00:25:07,620

service eventually he when he retired he

545

00:25:13,850 --> 00:25:11,580

was the director of uh of parks in the

546

00:25:15,890 --> 00:25:13,860

state of Colorado I had a chance to talk

547

00:25:17,450 --> 00:25:15,900

to him over the phone and that was the

548

00:25:20,450 --> 00:25:17,460

first question I asked him I said well

549

00:25:23,450 --> 00:25:20,460

when you arrived and looked I mean what

550

00:25:25,250 --> 00:25:23,460

did you see what was your impression and

551
00:25:27,289 --> 00:25:25,260
you know he described how the the

552
00:25:32,269 --> 00:25:27,299
footprints were deeply impressed in that

553
00:25:35,090 --> 00:25:32,279
in that slatey Sandy bank and there were

554
00:25:37,490 --> 00:25:35,100
horse hoof prints all over cowboy boots

555
00:25:39,710 --> 00:25:37,500
where clearly they had

556
00:25:42,049 --> 00:25:39,720
gone all over the place examining and

557
00:25:43,690 --> 00:25:42,059
filming the tracks and and then he said

558
00:25:46,130 --> 00:25:43,700
there was evidences of the plaster

559
00:25:48,409 --> 00:25:46,140
casting of the footprints and I said

560
00:25:52,010 --> 00:25:48,419
well was there anything to suggest other

561
00:25:53,210 --> 00:25:52,020
than what was described and what you've

562
00:25:57,310 --> 00:25:53,220
just described him was there any

563
00:26:00,169 --> 00:25:57,320

evidence of of circling back and repeat

564

00:26:01,930 --> 00:26:00,179

sets of footprints and he said no no it

565

00:26:04,789 --> 00:26:01,940

was just all very

566

00:26:08,090 --> 00:26:04,799

described yeah one linear event

567

00:26:11,630 --> 00:26:08,100

and uh that that was I think really

568

00:26:13,909 --> 00:26:11,640

significant the fact that and then and

569

00:26:17,029 --> 00:26:13,919

then the uh the tracks that he

570

00:26:19,430 --> 00:26:17,039

photographed included a number of the

571

00:26:22,730 --> 00:26:19,440

tracks that Bob titman's cast when he

572

00:26:26,269 --> 00:26:22,740

came down 10 days after the fact he cast

573

00:26:29,029 --> 00:26:26,279

10 Footprints uh in succession

574

00:26:30,950 --> 00:26:29,039

regardless of their quality whereas

575

00:26:33,049 --> 00:26:30,960

Roger had looked for the cleanest

576

00:26:37,370 --> 00:26:33,059

clearest right and left

577

00:26:39,409 --> 00:26:37,380

so so clean and clear and flat that when

578

00:26:41,390 --> 00:26:39,419

they were examined by the experts they

579

00:26:43,970 --> 00:26:41,400

looked like carved like they've been

580

00:26:45,169 --> 00:26:43,980

made by carved wooden planes right they

581

00:26:47,450 --> 00:26:45,179

were flat they were features you know

582

00:26:50,090 --> 00:26:47,460

and they were expecting Contours of an

583

00:26:53,149 --> 00:26:50,100

arch and and differential pressure under

584

00:26:56,510 --> 00:26:53,159

the heel and the ball of the foot and

585

00:27:00,169 --> 00:26:56,520

that wasn't present and so that made

586

00:27:02,570 --> 00:27:00,179

them because again they were expecting a

587

00:27:05,269 --> 00:27:02,580

certain appearance when it didn't fit

588

00:27:08,870 --> 00:27:05,279

that expectation they dismissed it as a

589

00:27:11,510 --> 00:27:08,880

hoax so titmus did a great service and

590

00:27:14,630 --> 00:27:11,520

that when combined with the confirmation

591

00:27:17,029 --> 00:27:14,640

of the photos by Lyle laverty in his

592

00:27:18,890 --> 00:27:17,039

testimony just really I mean it's well

593

00:27:20,210 --> 00:27:18,900

documented

594

00:27:22,190 --> 00:27:20,220

um

595

00:27:23,810 --> 00:27:22,200

uh piece of evidence so much so that

596

00:27:27,230 --> 00:27:23,820

when I

597

00:27:31,070 --> 00:27:27,240

kind of went out on the limb and bucked

598

00:27:33,789 --> 00:27:31,080

but the guidelines just a little bit and

599

00:27:37,190 --> 00:27:33,799

there's there's a system of

600

00:27:41,269 --> 00:27:37,200

nomenclature called ignotaxonomy which

601
00:27:45,950 --> 00:27:41,279
is applying the scientific name to uh

602
00:27:49,070 --> 00:27:45,960
fossilized tracks or traces uh sign of

603
00:27:51,769 --> 00:27:49,080
the track maker where the track Maker's

604
00:27:54,350 --> 00:27:51,779
Bones have not yet been found

605
00:27:55,990 --> 00:27:54,360
so in other words it's a means to

606
00:27:58,970 --> 00:27:56,000
catalog

607
00:28:02,810 --> 00:27:58,980
Footprints and and and other kinds of

608
00:28:06,710 --> 00:28:02,820
traces uh dens and Burrows and so forth

609
00:28:08,390 --> 00:28:06,720
but primarily Footprints of animals uh

610
00:28:10,490 --> 00:28:08,400
that we don't know really what the what

611
00:28:14,810 --> 00:28:10,500
the track maker is but we want to have a

612
00:28:17,690 --> 00:28:14,820
handle a label as to which we can attach

613
00:28:20,269 --> 00:28:17,700

a diagnosis a different a description

614

00:28:22,850 --> 00:28:20,279

and differential diagnosis how do these

615

00:28:25,669 --> 00:28:22,860

differ from other tracks and it allows

616

00:28:27,470 --> 00:28:25,679

you to study and compare and analyze

617

00:28:30,830 --> 00:28:27,480

these well

618

00:28:33,289 --> 00:28:30,840

we have here a case not fossilized and

619

00:28:36,230 --> 00:28:33,299

there are there's some some uh

620

00:28:38,269 --> 00:28:36,240

curmudgeons who uh who have made a big

621

00:28:40,730 --> 00:28:38,279

deal about that I get such a kick out of

622

00:28:42,769 --> 00:28:40,740

some of these Skeptics you know they'll

623

00:28:45,710 --> 00:28:42,779

yeah they'll rake you over the coals

624

00:28:48,830 --> 00:28:45,720

because you have you have violated the

625

00:28:50,870 --> 00:28:48,840

uh the guideline but will they actually

626
00:28:53,510 --> 00:28:50,880
engage the footprints will they actually

627
00:28:56,690 --> 00:28:53,520
criticize the footprints no I mean other

628
00:28:58,730 --> 00:28:56,700
than to than to pronounce them hoax but

629
00:29:02,269 --> 00:28:58,740
but um

630
00:29:03,950 --> 00:29:02,279
so we we've got the um the situation

631
00:29:04,930 --> 00:29:03,960
where we have these tracks but we don't

632
00:29:09,049 --> 00:29:04,940
have

633
00:29:11,390 --> 00:29:09,059
the um track maker yeah acknowledge or

634
00:29:13,909 --> 00:29:11,400
recognize I mean we suspect obviously

635
00:29:15,529 --> 00:29:13,919
don't we but in the case uh of the

636
00:29:18,889 --> 00:29:15,539
Patterson gimlin film I mean this week

637
00:29:20,570 --> 00:29:18,899
we do have this kind of uh validation or

638
00:29:23,930 --> 00:29:20,580

corroboration let's put it that way

639

00:29:25,310 --> 00:29:23,940

corroboration of of the footprints well

640

00:29:30,769 --> 00:29:25,320

documented

641

00:29:33,169 --> 00:29:30,779

um casts uh molds of which now reside in

642

00:29:36,409 --> 00:29:33,179

the smithsonian's special collections of

643

00:29:38,210 --> 00:29:36,419

the Department of anthropology so and

644

00:29:40,970 --> 00:29:38,220

the other the original cast of Bob

645

00:29:44,210 --> 00:29:40,980

titmus are accessioned in the Willow

646

00:29:45,669 --> 00:29:44,220

Creek China Flats Museum which is a

647

00:29:47,750 --> 00:29:45,679

certified

648

00:29:52,430 --> 00:29:47,760

accredited Museum

649

00:29:53,510 --> 00:29:52,440

and so uh so that uh that uh criteria

650

00:29:56,810 --> 00:29:53,520

was met

651
00:29:59,630 --> 00:29:56,820
by that fact and then I I floated this

652
00:30:02,210 --> 00:29:59,640
idea I was encouraged by a couple of of

653
00:30:08,470 --> 00:30:02,220
uh colleagues who are

654
00:30:11,510 --> 00:30:08,480
um uh very uh renowned in circles uh the

655
00:30:14,750 --> 00:30:11,520
igno-taxonomy uh or acknology the study

656
00:30:16,610 --> 00:30:14,760
of fossilized traces and

657
00:30:21,049 --> 00:30:16,620
um and they encouraged me to go ahead

658
00:30:24,769 --> 00:30:21,059
and give this a shot and so I described

659
00:30:29,210 --> 00:30:24,779
it and presented it at a symposium a

660
00:30:31,610 --> 00:30:29,220
special conference at the um uh New

661
00:30:34,190 --> 00:30:31,620
Mexico Museum of Natural History it was

662
00:30:36,850 --> 00:30:34,200
a special conference on cenozoic tracks

663
00:30:39,350 --> 00:30:36,860

and traces so the tracks and traces of

664

00:30:44,090 --> 00:30:39,360

particularly mammals but also birds and

665

00:30:48,769 --> 00:30:44,100

reptiles and so forth that uh have have

666

00:30:49,549 --> 00:30:48,779

gone extinct during the last era and

667

00:30:53,810 --> 00:30:49,559

um

668

00:30:55,750 --> 00:30:53,820

you know to a room of 75 plus World

669

00:30:58,789 --> 00:30:55,760

experts you know International

670

00:31:01,010 --> 00:30:58,799

representation World experts on the

671

00:31:04,310 --> 00:31:01,020

interpretation of fossilized tracks and

672

00:31:07,130 --> 00:31:04,320

traces of of every type of mammal you

673

00:31:09,649 --> 00:31:07,140

can imagine and and uh

674

00:31:12,289 --> 00:31:09,659

to to tremendous

675

00:31:14,389 --> 00:31:12,299

um interest and support and enthusiasm I

676
00:31:17,450 --> 00:31:14,399
mean there was one curmudgeon and he

677
00:31:19,250 --> 00:31:17,460
kept making these really silly silly uh

678
00:31:20,750 --> 00:31:19,260
quips and comments about it until

679
00:31:23,350 --> 00:31:20,760
finally the other members of the

680
00:31:28,190 --> 00:31:23,360
audience told him to sit down and

681
00:31:30,830 --> 00:31:28,200
quit quit spouting but I I had brought a

682
00:31:34,250 --> 00:31:30,840
sampling of actual cast there's

683
00:31:36,889 --> 00:31:34,260
something about holding and examining a

684
00:31:38,389 --> 00:31:36,899
physical cast that's that is a totally

685
00:31:41,389 --> 00:31:38,399
different experience than seeing

686
00:31:43,669 --> 00:31:41,399
something up on the uh rejected screen

687
00:31:46,190 --> 00:31:43,679
or even in a book or a television

688
00:31:48,470 --> 00:31:46,200

and so they had the opportunity to do

689

00:31:50,330 --> 00:31:48,480

that as well as a result of the

690

00:31:51,909 --> 00:31:50,340

conversation discussion that ensued

691

00:31:56,090 --> 00:31:51,919

thereafter

692

00:32:00,649 --> 00:31:56,100

I was invited to submit a manuscript for

693

00:32:03,350 --> 00:32:00,659

publication in the uh bulletin of the um

694

00:32:05,210 --> 00:32:03,360

of the New Mexico Museum of Natural

695

00:32:08,090 --> 00:32:05,220

History the proceedings of this

696

00:32:10,610 --> 00:32:08,100

Symposium and it was reviewed by five

697

00:32:15,289 --> 00:32:10,620

reviewers not two and not three but five

698

00:32:17,690 --> 00:32:15,299

who all came down very positively

699

00:32:22,190 --> 00:32:17,700

um gave it a thumbs up and so it is

700

00:32:26,210 --> 00:32:22,200

published and you know so it um

701

00:32:29,149 --> 00:32:26,220

it I think it it demonstrates very well

702

00:32:32,149 --> 00:32:29,159

how the evidence of the Patterson gimlin

703

00:32:34,370 --> 00:32:32,159

film stands up under scrutiny I mean

704

00:32:36,649 --> 00:32:34,380

I've often said If I Only Had the

705

00:32:39,169 --> 00:32:36,659

footprints documented at that film site

706

00:32:42,110 --> 00:32:39,179

and didn't even have the film to look at

707

00:32:47,090 --> 00:32:42,120

I'd be convinced of The credibility of

708

00:32:49,730 --> 00:32:47,100

Bob and Roger's encounter I heard I

709

00:32:51,789 --> 00:32:49,740

heard you say that but even what's up

710

00:32:54,350 --> 00:32:51,799

man what's up Tim

711

00:32:58,250 --> 00:32:54,360

welcome brother

712

00:32:59,750 --> 00:32:58,260

um but even you know that what you

713

00:33:01,310 --> 00:32:59,760

talked about with the traps and the

714

00:33:03,710 --> 00:33:01,320

muscles in the back moving I don't know

715

00:33:05,870 --> 00:33:03,720

if it was MK Davis's version there's a

716

00:33:07,850 --> 00:33:05,880

couple versions out there where where

717

00:33:10,730 --> 00:33:07,860

you can see it quite close

718

00:33:12,710 --> 00:33:10,740

yeah I don't believe in 1967 you could

719

00:33:15,110 --> 00:33:12,720

have made a suit first of all that has

720

00:33:17,870 --> 00:33:15,120

that sort of musculature is very very

721

00:33:19,490 --> 00:33:17,880

uncommon okay you're you you would

722

00:33:21,710 --> 00:33:19,500

probably have to go all over Los Angeles

723

00:33:24,409 --> 00:33:21,720

and see if you could find one person

724

00:33:26,570 --> 00:33:24,419

that had traps that Rose off of those

725

00:33:29,210 --> 00:33:26,580

shoulders into the back of the neck and

726

00:33:31,549 --> 00:33:29,220

now to have that musculature moving in a

727

00:33:33,769 --> 00:33:31,559

dynamic fashion even 13 years later

728

00:33:36,470 --> 00:33:33,779

George Lucas with Chewbacca doesn't look

729

00:33:38,750 --> 00:33:36,480

anything like this no no no no and

730

00:33:41,750 --> 00:33:38,760

Chewbacca with its long hair I mean

731

00:33:44,570 --> 00:33:41,760

that's the strategy of the costume sure

732

00:33:47,630 --> 00:33:44,580

to hide it to hide it yeah to hide it

733

00:33:51,350 --> 00:33:47,640

you know they uh even um

734

00:33:53,750 --> 00:33:51,360

even the oh the Grinch the Grinch's

735

00:33:56,570 --> 00:33:53,760

costume the you know the worst thing is

736

00:33:59,269 --> 00:33:56,580

the neck because if you cover the neck

737

00:34:02,149 --> 00:33:59,279

then every time we have a very movable

738

00:34:05,149 --> 00:34:02,159

head and our neck has a range of motion

739

00:34:09,230 --> 00:34:05,159

which will throw any kind of fabric up

740

00:34:11,750 --> 00:34:09,240

into unnatural looking Folds and so uh

741

00:34:14,750 --> 00:34:11,760

for for the Grinch they just made it

742

00:34:17,690 --> 00:34:14,760

colorless a necklace costume that was

743

00:34:19,970 --> 00:34:17,700

Blended in here below painted the skin

744

00:34:22,190 --> 00:34:19,980

green and then he had chin whiskers that

745

00:34:24,770 --> 00:34:22,200

hung down which was the same thing they

746

00:34:28,129 --> 00:34:24,780

did for you know Chewbacca the Chewbacca

747

00:34:30,470 --> 00:34:28,139

and uh the Bigfoot on uh The Six Million

748

00:34:33,169 --> 00:34:30,480

Dollar Man they had a he had a big thick

749

00:34:35,750 --> 00:34:33,179

beard that covered up the neck it's just

750

00:34:38,750 --> 00:34:35,760

and still it's so funny if you if you're

751
00:34:41,510 --> 00:34:38,760
a connoisseur of these uh appearances of

752
00:34:43,790 --> 00:34:41,520
Bigfoot on the on the screen uh when the

753
00:34:46,849 --> 00:34:43,800
when the bionic Bigfoot and goes

754
00:34:50,270 --> 00:34:46,859
bouncing down the hill rolling with uh

755
00:34:56,869 --> 00:34:50,280
wrestling with with Lee Majors his shirt

756
00:35:01,130 --> 00:34:59,990
that it was pretty hilarious and of

757
00:35:03,290 --> 00:35:01,140
course then you could see the bottom of

758
00:35:05,690 --> 00:35:03,300
the feet too and how how ridiculously

759
00:35:07,430 --> 00:35:05,700
contrived they were but no this is the

760
00:35:10,010 --> 00:35:07,440
thing that people forget because we've

761
00:35:14,630 --> 00:35:10,020
got a you know a whole generation

762
00:35:18,710 --> 00:35:14,640
that were born much later than 1967 but

763
00:35:21,410 --> 00:35:18,720

in 1967 there was no four-way stretch

764

00:35:24,290 --> 00:35:21,420

for there was just fur cloth and it was

765

00:35:28,130 --> 00:35:24,300

like you know hairy cloth that that

766

00:35:30,589 --> 00:35:28,140

didn't have any give to it and so to to

767

00:35:33,710 --> 00:35:30,599

get it to fit it's not like pulling on

768

00:35:35,750 --> 00:35:33,720

yoga pants you know it's it's like

769

00:35:38,150 --> 00:35:35,760

pulling on trousers that'll have

770

00:35:40,849 --> 00:35:38,160

straight edges and will have folds and

771

00:35:43,970 --> 00:35:40,859

creases and and that doesn't conform

772

00:35:47,150 --> 00:35:43,980

unless you go to Great Lengths to tailor

773

00:35:50,270 --> 00:35:47,160

it to your specific actor now I always

774

00:35:54,050 --> 00:35:50,280

had a got a kick out of uh there was a

775

00:35:56,750 --> 00:35:54,060

British producer uh by the name of Chris

776

00:35:59,030 --> 00:35:56,760

Packham who really thought he was going

777

00:36:02,030 --> 00:35:59,040

to make them Splash and make a name make

778

00:36:02,930 --> 00:36:02,040

a mark by debunking the Patterson gimlin

779

00:36:05,270 --> 00:36:02,940

film

780

00:36:07,250 --> 00:36:05,280

and so there's this scene on in his

781

00:36:09,109 --> 00:36:07,260

documentary where he actually he's

782

00:36:12,410 --> 00:36:09,119

Consulting with some some of the members

783

00:36:15,589 --> 00:36:12,420

of Jim Henson's Creature Shop and so

784

00:36:18,410 --> 00:36:15,599

these guys should be in the know but uh

785

00:36:20,329 --> 00:36:18,420

so there there's in in the studio and

786

00:36:22,609 --> 00:36:20,339

they're looking at the Patterson gimlin

787

00:36:25,010 --> 00:36:22,619

film on a monitor and then I don't know

788

00:36:27,950 --> 00:36:25,020

it wasn't Jim Henson it was one of his

789

00:36:29,990 --> 00:36:27,960

uh of his Protege I guess and I can't

790

00:36:32,450 --> 00:36:30,000

think of his name now but he says oh yes

791

00:36:35,450 --> 00:36:32,460

you know this is obviously a costume and

792

00:36:38,030 --> 00:36:35,460

here's how we do it the camera pans and

793

00:36:40,849 --> 00:36:38,040

here's the actor donning a modern

794

00:36:42,790 --> 00:36:40,859

costume with four-way stretch fur but

795

00:36:45,050 --> 00:36:42,800

first he's pulling on a spandex

796

00:36:49,089 --> 00:36:45,060

undergarment that has

797

00:36:51,770 --> 00:36:49,099

sewn into it sculpted foam rubber

798

00:36:53,930 --> 00:36:51,780

musculature well now wait a minute they

799

00:36:56,690 --> 00:36:53,940

didn't have foam rubber readily

800

00:36:58,310 --> 00:36:56,700

available in 1967. that's a fairly

801
00:37:01,370 --> 00:36:58,320
recent Innovation you couldn't go down

802
00:37:02,990 --> 00:37:01,380
to Kmart and buy a foam mattress you

803
00:37:06,589 --> 00:37:03,000
know for your in-laws to sleep on when

804
00:37:08,870 --> 00:37:06,599
they come to visit they uh you know they

805
00:37:12,829 --> 00:37:08,880
we're just beginning to experiment with

806
00:37:15,290 --> 00:37:12,839
injected foam rubber in Hollywood when

807
00:37:17,630 --> 00:37:15,300
um you know John Chambers introduced

808
00:37:20,810 --> 00:37:17,640
this pioneering of a special effect of

809
00:37:23,810 --> 00:37:20,820
these molded facial appliances for

810
00:37:26,089 --> 00:37:23,820
Planet of the Apes and you got that one

811
00:37:28,490 --> 00:37:26,099
honorary Oscar they didn't actually have

812
00:37:30,050 --> 00:37:28,500
an Oscar in in that category but they

813
00:37:32,030 --> 00:37:30,060

you know at that time that they they

814

00:37:33,170 --> 00:37:32,040

gave him an acknowledgment for that

815

00:37:35,630 --> 00:37:33,180

remarkable

816

00:37:38,390 --> 00:37:35,640

and then yet look at the look at the

817

00:37:40,730 --> 00:37:38,400

results you know I mean not only the

818

00:37:44,329 --> 00:37:40,740

face but then you had these uh pencil

819

00:37:47,210 --> 00:37:44,339

necks big heads on a pencil neck which

820

00:37:50,390 --> 00:37:47,220

they covered up with a high uh leather

821

00:37:55,069 --> 00:37:50,400

collar on their tunic to hide the neck

822

00:37:57,410 --> 00:37:55,079

you know and and costumes I was a point

823

00:38:00,170 --> 00:37:57,420

people to the the sauna I think it's in

824

00:38:02,150 --> 00:38:00,180

the second in the second one uh Beneath

825

00:38:03,410 --> 00:38:02,160

the Planet of the Apes when

826

00:38:06,170 --> 00:38:03,420

um when they're having their little

827

00:38:08,750 --> 00:38:06,180

conference in the sauna and income these

828

00:38:10,730 --> 00:38:08,760

Apes with a towel around their waist and

829

00:38:12,589 --> 00:38:10,740

nothing else and they look like big

830

00:38:14,750 --> 00:38:12,599

hairy Pillsbury Doughboys you know

831

00:38:16,430 --> 00:38:14,760

whereas when they go out with their

832

00:38:20,630 --> 00:38:16,440

regular costume on they look like

833

00:38:23,210 --> 00:38:20,640

they're very you know very uh yeah

834

00:38:25,609 --> 00:38:23,220

yeah it's it's pretty absurd they try to

835

00:38:28,609 --> 00:38:25,619

uh we have the same uh we have people in

836

00:38:31,550 --> 00:38:28,619

the UFO Community trying to debunk uh

837

00:38:33,710 --> 00:38:31,560

multiple fighter pilots uh and a radar

838

00:38:35,690 --> 00:38:33,720

up and multiple radar operators that saw

839

00:38:37,430 --> 00:38:35,700

the Tic Tac so you have people they're

840

00:38:39,050 --> 00:38:37,440

gonna try to debunk no matter how good

841

00:38:40,670 --> 00:38:39,060

the evidences are gonna go this is fake

842

00:38:42,950 --> 00:38:40,680

and then you're gonna go you really

843

00:38:44,569 --> 00:38:42,960

sound like an idiot but that's okay

844

00:38:46,310 --> 00:38:44,579

um let me I gotta turn you over to Debs

845

00:38:48,890 --> 00:38:46,320

because we got to get a couple people in

846

00:38:50,329 --> 00:38:48,900

here so I don't use up all the oxygen in

847

00:38:52,970 --> 00:38:50,339

the room Deb so what do you have for Dr

848

00:38:56,870 --> 00:38:52,980

Meldrum man right so I actually got to

849

00:38:58,609 --> 00:38:56,880

see hi I got to see a really interesting

850

00:39:00,650 --> 00:38:58,619

um analysis of the video and they

851
00:39:03,410 --> 00:39:00,660
pointed out some other things about the

852
00:39:05,870 --> 00:39:03,420
fur and where it's matted and they also

853
00:39:08,329 --> 00:39:05,880
spoke about the facial features and what

854
00:39:10,250 --> 00:39:08,339
that might indicate about what kind of

855
00:39:11,810 --> 00:39:10,260
um being this is so I was wondering if

856
00:39:14,030 --> 00:39:11,820
you could speak to that

857
00:39:15,770 --> 00:39:14,040
yeah there's been a couple of different

858
00:39:18,530 --> 00:39:15,780
remarks if this is the one you're

859
00:39:21,410 --> 00:39:18,540
referring to about matted fur on the

860
00:39:23,030 --> 00:39:21,420
back side uh in in the area of the

861
00:39:25,690 --> 00:39:23,040
buttock and there's been all sorts of

862
00:39:27,410 --> 00:39:25,700
speculation about it the best imagery

863
00:39:32,630 --> 00:39:27,420

the best

864

00:39:35,569 --> 00:39:32,640

um uh uh almost optimized images shows a

865

00:39:38,329 --> 00:39:35,579

very normal Contour of the buttocks in

866

00:39:39,829 --> 00:39:38,339

fact I mean there's there in the in the

867

00:39:42,470 --> 00:39:39,839

initial

868

00:39:44,750 --> 00:39:42,480

segment that rarely gets shown on

869

00:39:47,750 --> 00:39:44,760

television because it's right in the

870

00:39:51,950 --> 00:39:47,760

middle of this gyrating

871

00:39:55,130 --> 00:39:51,960

camera sequence there's a point where

872

00:39:57,470 --> 00:39:55,140

the camera passes right over the lens is

873

00:39:59,450 --> 00:39:57,480

perfectly lined up with the subject and

874

00:40:01,550 --> 00:39:59,460

there's one frame that just jumps out

875

00:40:02,930 --> 00:40:01,560

because it's really in focus and it well

876

00:40:04,069 --> 00:40:02,940

I mean the whole thing's in Focus I

877

00:40:07,010 --> 00:40:04,079

don't mean when you say that it's

878

00:40:09,589 --> 00:40:07,020

there's minimal uh motion blur in that

879

00:40:12,349 --> 00:40:09,599

instant the only the only blurriness

880

00:40:14,089 --> 00:40:12,359

about the film is motion blur of the

881

00:40:16,550 --> 00:40:14,099

camera movement

882

00:40:18,109 --> 00:40:16,560

um because it's it's a fixed focal

883

00:40:21,050 --> 00:40:18,119

length lens it's not like he was

884

00:40:23,510 --> 00:40:21,060

required to focus on the image

885

00:40:27,170 --> 00:40:23,520

everything from two feet in front of the

886

00:40:29,150 --> 00:40:27,180

camera to Infinity is in Focus the thing

887

00:40:33,710 --> 00:40:29,160

what what people interpret is being

888

00:40:38,210 --> 00:40:33,720

blurry is the graininess of extreme

889

00:40:41,390 --> 00:40:38,220

enlargement of a film a portion of the

890

00:40:45,470 --> 00:40:41,400

film frame which is itself only 16 by 16

891

00:40:48,470 --> 00:40:45,480

millimeters and uh the subject on that

892

00:40:51,530 --> 00:40:48,480

that we're blowing up is 1.8 millimeters

893

00:40:54,829 --> 00:40:51,540

tall so you can imagine I mean people

894

00:40:57,109 --> 00:40:54,839

today don't understand grain it it would

895

00:41:00,290 --> 00:40:57,119

be analogous although different than

896

00:41:03,349 --> 00:41:00,300

pixels and if you enlarge a low

897

00:41:07,790 --> 00:41:03,359

resolution image too much it becomes

898

00:41:10,550 --> 00:41:07,800

pixelated right well grain describes the

899

00:41:14,810 --> 00:41:10,560

a little photographically you know light

900

00:41:17,690 --> 00:41:14,820

sensitive crystals on the film uh

901
00:41:20,930 --> 00:41:17,700
Emulsion that's that when exposed to

902
00:41:22,790 --> 00:41:20,940
light then and developed um you know

903
00:41:26,270 --> 00:41:22,800
captures the image

904
00:41:29,390 --> 00:41:26,280
if you increase the enlargement you

905
00:41:30,530 --> 00:41:29,400
start to see the individual discrete

906
00:41:33,290 --> 00:41:30,540
crystals

907
00:41:37,069 --> 00:41:33,300
and it actually was the best film that

908
00:41:38,930 --> 00:41:37,079
he could have chosen at that time and so

909
00:41:42,109 --> 00:41:38,940
you're able to blow it up and look at

910
00:41:44,750 --> 00:41:42,119
something like this I mean I have when I

911
00:41:47,930 --> 00:41:44,760
was a Youngster I uh and first saw the

912
00:41:49,430 --> 00:41:47,940
film shown in Spokane I immediately

913
00:41:50,690 --> 00:41:49,440

joined the Northwest research

914

00:41:53,690 --> 00:41:50,700

Association

915

00:41:59,410 --> 00:41:53,700

which was Roger's organization and the

916

00:42:02,530 --> 00:41:59,420

membership of dues and purchase of of uh

917

00:42:05,750 --> 00:42:02,540

photographic prints and casts helped

918

00:42:08,390 --> 00:42:05,760

hold it was hoped it would generate a

919

00:42:09,970 --> 00:42:08,400

revenue stream that Finance his search

920

00:42:13,910 --> 00:42:09,980

for the creature

921

00:42:17,030 --> 00:42:13,920

I purchased a 5x7 or membership brought

922

00:42:18,290 --> 00:42:17,040

a 5x7 color print that was a very early

923

00:42:21,050 --> 00:42:18,300

print

924

00:42:24,970 --> 00:42:21,060

uh for directly from the film presumably

925

00:42:28,370 --> 00:42:24,980

because you know the the

926
00:42:29,990 --> 00:42:28,380
quality the image is just astounding I

927
00:42:34,670 --> 00:42:30,000
mean most people who see this on

928
00:42:37,310 --> 00:42:34,680
television they see a licensed VHS copy

929
00:42:39,890 --> 00:42:37,320
of a copy that Mrs Patterson makes

930
00:42:43,430 --> 00:42:39,900
available and it's extremely deter I

931
00:42:46,190 --> 00:42:43,440
mean it's 50 years old now area rating

932
00:42:48,589 --> 00:42:46,200
and it's all washed out and it's

933
00:42:50,510 --> 00:42:48,599
scratched you know not the not the

934
00:42:53,990 --> 00:42:50,520
videotape but the film The copy that

935
00:42:55,490 --> 00:42:54,000
it's made from which the producers of

936
00:42:59,210 --> 00:42:55,500
the documentaries don't mind I mean it

937
00:43:00,069 --> 00:42:59,220
gives it that campy look you know that

938
00:43:05,270 --> 00:43:00,079

uh

939

00:43:07,190 --> 00:43:05,280

point is it's it's actually remarkably

940

00:43:09,109 --> 00:43:07,200

in focused all right I got off track so

941

00:43:12,230 --> 00:43:09,119

when you when you look at this one

942

00:43:13,790 --> 00:43:12,240

isolated image you get a really and and

943

00:43:16,130 --> 00:43:13,800

the subject is still fairly close

944

00:43:19,430 --> 00:43:16,140

because it was right on the edge of the

945

00:43:21,650 --> 00:43:19,440

creek and Roger has run Full Tilt across

946

00:43:26,089 --> 00:43:21,660

the creek taking this shooting as he's

947

00:43:28,790 --> 00:43:26,099

going and you can see the the um the

948

00:43:30,829 --> 00:43:28,800

buttocks the booty but really well uh

949

00:43:33,829 --> 00:43:30,839

the definition of the cheeks and the

950

00:43:36,050 --> 00:43:33,839

cleft and there's no matted feces

951
00:43:39,290 --> 00:43:36,060
there's no matted hair there's nothing

952
00:43:41,750 --> 00:43:39,300
there it's just the Shadow and then uh

953
00:43:44,510 --> 00:43:41,760
often misinterpreted the left hand as it

954
00:43:48,050 --> 00:43:44,520
swings back becomes partially visible

955
00:43:50,870 --> 00:43:48,060
just to the side and Below because of

956
00:43:55,250 --> 00:43:50,880
these very long arms below the buttock

957
00:43:58,250 --> 00:43:55,260
uh the the gluteal fold there underneath

958
00:44:02,809 --> 00:43:58,260
the buttock now some of even the hand is

959
00:44:05,089 --> 00:44:02,819
so enormous that the MK Davis has argued

960
00:44:07,190 --> 00:44:05,099
that it's holding something it has a it

961
00:44:09,349 --> 00:44:07,200
has a Leather Pouch or a satchel or

962
00:44:11,150 --> 00:44:09,359
something in its hand that it's carrying

963
00:44:14,690 --> 00:44:11,160

and it's not it's the hand

964

00:44:18,170 --> 00:44:14,700

simply the large palm of the of the hand

965

00:44:19,250 --> 00:44:18,180

and it Swings with the arm just as you

966

00:44:22,190 --> 00:44:19,260

would expect

967

00:44:24,650 --> 00:44:22,200

the facial features again

968

00:44:26,089 --> 00:44:24,660

many people are laboring under the

969

00:44:28,010 --> 00:44:26,099

misconception that you can't see

970

00:44:30,050 --> 00:44:28,020

anything

971

00:44:32,210 --> 00:44:30,060

um uh you know and there's one frame

972

00:44:35,569 --> 00:44:32,220

that has made the rounds and the history

973

00:44:38,329 --> 00:44:35,579

and its origin is still kind of in The

974

00:44:40,849 --> 00:44:38,339

Mists of uncertainty as to who did it or

975

00:44:44,450 --> 00:44:40,859

what it but it's it was one of these um

976
00:44:47,450 --> 00:44:44,460
Prints but it had been doctored whether

977
00:44:51,349 --> 00:44:47,460
it had been you know manually uh

978
00:44:54,829 --> 00:44:51,359
enhanced or redrawn or later a digital

979
00:44:56,390 --> 00:44:54,839
image had been had been altered it shows

980
00:44:58,370 --> 00:44:56,400
too much detail it's the one that has

981
00:45:01,670 --> 00:44:58,380
the big inverted lips

982
00:45:03,470 --> 00:45:01,680
and uh the broad very broad flattened

983
00:45:06,650 --> 00:45:03,480
nose

984
00:45:08,990 --> 00:45:06,660
um those details are not well those

985
00:45:11,089 --> 00:45:09,000
details aren't born out in any other

986
00:45:13,670 --> 00:45:11,099
frame of the film

987
00:45:16,309 --> 00:45:13,680
or and and the the better versions of

988
00:45:18,410 --> 00:45:16,319

the film it has a pretty lipless smile

989

00:45:21,230 --> 00:45:18,420

in fact the mouth is lower than where

990

00:45:23,870 --> 00:45:21,240

most people place it and the upper lip

991

00:45:27,290 --> 00:45:23,880

at one point she's

992

00:45:29,150 --> 00:45:27,300

um she's got a pout where the the lipid

993

00:45:31,190 --> 00:45:29,160

the lips are clenched and the upper lip

994

00:45:33,710 --> 00:45:31,200

very muscular is kind of bulging out

995

00:45:35,870 --> 00:45:33,720

like you see a chimpanzee do sometimes

996

00:45:39,230 --> 00:45:35,880

when they press their lips together you

997

00:45:41,690 --> 00:45:39,240

can everyone always again the most uh

998

00:45:44,630 --> 00:45:41,700

the novel comment someone recently said

999

00:45:45,950 --> 00:45:44,640

to me why is she wearing a mask like a

1000

00:45:47,089 --> 00:45:45,960

ninja

1001
00:45:49,990 --> 00:45:47,099
because

1002
00:45:53,990 --> 00:45:50,000
they they thought that this highlight

1003
00:45:56,870 --> 00:45:54,000
here uh on the side of the nose and down

1004
00:45:59,150 --> 00:45:56,880
around the underside of the eye was

1005
00:46:01,849 --> 00:45:59,160
um was the Act was the face that

1006
00:46:03,490 --> 00:46:01,859
everything below that was darker was you

1007
00:46:05,870 --> 00:46:03,500
know underneath the ninja

1008
00:46:08,510 --> 00:46:05,880
mask and

1009
00:46:10,849 --> 00:46:08,520
and then others say well these these

1010
00:46:13,609 --> 00:46:10,859
areas here are cut out you know

1011
00:46:17,870 --> 00:46:13,619
Hieronymus described that the head was

1012
00:46:20,750 --> 00:46:17,880
created on top of a football helmet and

1013
00:46:23,150 --> 00:46:20,760

that yeah the face was built up in front

1014

00:46:25,670 --> 00:46:23,160

so I mean you know he said that the eye

1015

00:46:28,030 --> 00:46:25,680

hole Yeah and aeronimus only had one eye

1016

00:46:31,250 --> 00:46:28,040

he had a glass eye

1017

00:46:33,470 --> 00:46:31,260

that he said he took out and stuck into

1018

00:46:35,870 --> 00:46:33,480

some clay on the outside so that it

1019

00:46:38,089 --> 00:46:35,880

would catch the light and give it a more

1020

00:46:41,329 --> 00:46:38,099

realistic look

1021

00:46:43,130 --> 00:46:41,339

and and that with his other eye he said

1022

00:46:45,650 --> 00:46:43,140

the opening to the actual in The Mask

1023

00:46:48,609 --> 00:46:45,660

was a good two inches away from his eye

1024

00:46:52,010 --> 00:46:48,619

now imagine you're out there

1025

00:46:54,710 --> 00:46:52,020

you can't see anything oversized feet

1026
00:46:56,510 --> 00:46:54,720
and you you close one eye and you put a

1027
00:46:59,210 --> 00:46:56,520
toilet paper roll up against your other

1028
00:47:03,470 --> 00:46:59,220
eye and that's the only way you can see

1029
00:47:06,290 --> 00:47:03,480
now you don't see any of that uh she she

1030
00:47:08,270 --> 00:47:06,300
walks us exactly beautifully and

1031
00:47:10,069 --> 00:47:08,280
smoothly she never looks down at the

1032
00:47:12,710 --> 00:47:10,079
ground to see where she's placing her

1033
00:47:17,230 --> 00:47:12,720
feet I mean she's she just has a sense

1034
00:47:20,150 --> 00:47:17,240
of of space a sense of of surrounding

1035
00:47:23,329 --> 00:47:20,160
and and as someone who likes to Barefoot

1036
00:47:25,130 --> 00:47:23,339
hike uh you better be looking at the

1037
00:47:27,650 --> 00:47:25,140
ground because you could step on some

1038
00:47:29,930 --> 00:47:27,660

things that you don't want to step on

1039

00:47:32,450 --> 00:47:29,940

and by the way I'll send you some photos

1040

00:47:35,210 --> 00:47:32,460

of tracks that I picked up that I'm not

1041

00:47:38,329 --> 00:47:35,220

I'm not sure about but I need to get Tim

1042

00:47:40,309 --> 00:47:38,339

Cena but anyway let's get Nathan in

1043

00:47:43,190 --> 00:47:40,319

there then we'll get Tim and then I've

1044

00:47:45,290 --> 00:47:43,200

got a a question to ask you that I think

1045

00:47:46,910 --> 00:47:45,300

might be interesting something Tim and I

1046

00:47:48,050 --> 00:47:46,920

have been discussing but go ahead money

1047

00:47:51,050 --> 00:47:48,060

Nathan please

1048

00:47:54,170 --> 00:47:51,060

sure so I'm sure Dr Meldrum you're

1049

00:47:56,930 --> 00:47:54,180

familiar with the recent uh kind of

1050

00:47:59,270 --> 00:47:56,940

discovery of homo naledi I think Leafly

1051
00:48:01,609 --> 00:47:59,280
Berger and you know we're kind of at a

1052
00:48:05,030 --> 00:48:01,619
time period now where we're re-examining

1053
00:48:07,790 --> 00:48:05,040
our human history and I'd like to hear

1054
00:48:09,710 --> 00:48:07,800
your thoughts on where you think this is

1055
00:48:13,010 --> 00:48:09,720
uh going if you could speculate a little

1056
00:48:16,309 --> 00:48:13,020
bit as we you know ReDiscover parts of

1057
00:48:18,290 --> 00:48:16,319
our past that that we maybe ignored or

1058
00:48:20,809 --> 00:48:18,300
uh didn't want to look too closely at

1059
00:48:23,990 --> 00:48:20,819
for fear of what it might tell us

1060
00:48:27,109 --> 00:48:24,000
well I think it's just it's it's been

1061
00:48:29,210 --> 00:48:27,119
uh we we've experienced a paradigm shift

1062
00:48:31,069 --> 00:48:29,220
in anthropology

1063
00:48:33,410 --> 00:48:31,079

and uh

1064

00:48:36,589 --> 00:48:33,420

when when I was a student we were coming

1065

00:48:39,290 --> 00:48:36,599

off just off of it off of a prior

1066

00:48:42,050 --> 00:48:39,300

Paradigm which was labeled

1067

00:48:44,750 --> 00:48:42,060

um the single species hypothesis you

1068

00:48:47,510 --> 00:48:44,760

know I often wondered why why was there

1069

00:48:49,309 --> 00:48:47,520

this almost irrational well it was

1070

00:48:51,530 --> 00:48:49,319

irrational a lot of the comments that

1071

00:48:54,050 --> 00:48:51,540

were made were irrational by the critics

1072

00:48:56,329 --> 00:48:54,060

those who criticized the Patterson

1073

00:48:58,550 --> 00:48:56,339

gimlin film it just said things that in

1074

00:49:01,130 --> 00:48:58,560

even at the time should have been

1075

00:49:02,990 --> 00:49:01,140

recognized as irrational but now in

1076

00:49:05,630 --> 00:49:03,000

hindsight or just embarrassing for my

1077

00:49:08,750 --> 00:49:05,640

discipline that the experts that were

1078

00:49:11,030 --> 00:49:08,760

tapped to evaluate this thing made these

1079

00:49:12,770 --> 00:49:11,040

ridiculous pronouncements like well I

1080

00:49:15,950 --> 00:49:12,780

mean just for example

1081

00:49:18,109 --> 00:49:15,960

um the the one I can't remember who who

1082

00:49:21,309 --> 00:49:18,119

to give this credit to now but he said

1083

00:49:25,150 --> 00:49:21,319

isn't this silly um

1084

00:49:28,250 --> 00:49:25,160

they've gone to the effort of uh

1085

00:49:31,069 --> 00:49:28,260

endowing our this costume with female

1086

00:49:34,130 --> 00:49:31,079

breasts but the creature Walks Like a

1087

00:49:36,349 --> 00:49:34,140

Man it's obviously a man in a fursuit

1088

00:49:39,650 --> 00:49:36,359

well now wait a minute you know

1089

00:49:42,710 --> 00:49:39,660

obviously humans walk different male

1090

00:49:45,589 --> 00:49:42,720

versus female on average why is that

1091

00:49:49,130 --> 00:49:45,599

because females typically have a larger

1092

00:49:52,609 --> 00:49:49,140

birth canal a wider pelvis

1093

00:49:54,770 --> 00:49:52,619

that separates the hip and increases the

1094

00:49:57,710 --> 00:49:54,780

valgus angle of the thighs bringing the

1095

00:49:59,990 --> 00:49:57,720

knees in towards the midline and so when

1096

00:50:04,430 --> 00:50:00,000

they walk there's a greater tendency for

1097

00:50:08,390 --> 00:50:04,440

listing of the pelvis okay

1098

00:50:11,170 --> 00:50:08,400

this creature if it exists has a brain

1099

00:50:14,089 --> 00:50:11,180

that is proportionate to its body size

1100

00:50:15,770 --> 00:50:14,099

similar to that of a of an ape of a

1101
00:50:19,490 --> 00:50:15,780
gorilla or chimpanzee

1102
00:50:22,990 --> 00:50:19,500
and as such does not have the obstetric

1103
00:50:26,630 --> 00:50:23,000
constraints of childbirth of

1104
00:50:29,990 --> 00:50:26,640
giving birth to a large brained infant

1105
00:50:32,569 --> 00:50:30,000
and so the hips would not be wider in a

1106
00:50:36,290 --> 00:50:32,579
female Sasquatch versus a male Sasquatch

1107
00:50:39,290 --> 00:50:36,300
Ergo a female Sasquatch Walks Like a

1108
00:50:42,050 --> 00:50:39,300
male Sasquatch essentially I mean

1109
00:50:44,569 --> 00:50:42,060
obviously there's other uh Mass

1110
00:50:45,890 --> 00:50:44,579
distribution issues that might come into

1111
00:50:49,130 --> 00:50:45,900
play

1112
00:50:51,470 --> 00:50:49,140
um uh but nevertheless when it comes to

1113
00:50:52,910 --> 00:50:51,480

the hips they're going to be very very

1114

00:50:55,730 --> 00:50:52,920

similar I mean that that kind of thing

1115

00:50:58,849 --> 00:50:55,740

so anyway I'm sorry I got off on that

1116

00:51:01,430 --> 00:50:58,859

that path you were asking about

1117

00:51:04,549 --> 00:51:01,440

remind me again oh the no the Paradigm

1118

00:51:06,470 --> 00:51:04,559

Shift yes so my my react my question was

1119

00:51:10,309 --> 00:51:06,480

why were there such a visceral reaction

1120

00:51:12,770 --> 00:51:10,319

a rejection well back in the 60s it was

1121

00:51:15,589 --> 00:51:12,780

at the Heyday in the 60s

1122

00:51:19,130 --> 00:51:15,599

um physical anthropology was still kind

1123

00:51:22,309 --> 00:51:19,140

of coming into its own as a as a

1124

00:51:24,230 --> 00:51:22,319

reputable hard science discipline

1125

00:51:29,329 --> 00:51:24,240

of anthropology

1126

00:51:32,410 --> 00:51:29,339

uh and uh defining itself and it uh as

1127

00:51:35,270 --> 00:51:32,420

do as is the case with many fledgling

1128

00:51:37,609 --> 00:51:35,280

disciplines they look to other

1129

00:51:40,670 --> 00:51:37,619

disciplines for

1130

00:51:44,630 --> 00:51:40,680

um axioms that can be incorporated and

1131

00:51:46,430 --> 00:51:44,640

one of those was the uh competitive

1132

00:51:49,430 --> 00:51:46,440

exclusion principle which started off

1133

00:51:51,410 --> 00:51:49,440

back in the 30s with microbiologists who

1134

00:51:54,049 --> 00:51:51,420

recognized the two species couldn't grow

1135

00:51:55,730 --> 00:51:54,059

in the same uh medium one would do it

1136

00:51:58,970 --> 00:51:55,740

better than the other and drive one to

1137

00:52:03,710 --> 00:51:58,980

Extinction so one species one species

1138

00:52:07,390 --> 00:52:03,720

one Niche Niche well ecology with its

1139

00:52:09,890 --> 00:52:07,400

Central Niche hypothesis Niche concept

1140

00:52:12,410 --> 00:52:09,900

glommed onto that competitive exclusion

1141

00:52:16,190 --> 00:52:12,420

principle and that defined the

1142

00:52:19,490 --> 00:52:16,200

ecological niche one species one Niche

1143

00:52:22,549 --> 00:52:19,500

well anthropologists said well the

1144

00:52:25,430 --> 00:52:22,559

hominin niche defined by bipedalism

1145

00:52:28,970 --> 00:52:25,440

braininess and above all culture

1146

00:52:31,010 --> 00:52:28,980

that's a pretty exclusive Club so there

1147

00:52:33,950 --> 00:52:31,020

can be only one species in it at any

1148

00:52:38,750 --> 00:52:33,960

given time so human evolution was

1149

00:52:41,329 --> 00:52:38,760

perceived as this and narrated The

1150

00:52:45,049 --> 00:52:41,339

Narrative that took shape as a single

1151

00:52:47,809 --> 00:52:45,059

file March one species giving rise to

1152

00:52:50,170 --> 00:52:47,819

its successor you know either in fits

1153

00:52:53,690 --> 00:52:50,180

and starts or in gradual

1154

00:52:57,710 --> 00:52:53,700

changing uh evolution

1155

00:53:00,829 --> 00:52:57,720

but there could be only one so in 1967

1156

00:53:04,130 --> 00:53:00,839

or go back in 1962

1157

00:53:07,190 --> 00:53:04,140

Ivan Sanderson publishes huge Tome his

1158

00:53:09,290 --> 00:53:07,200

encyclopedic Tome abominable snowman led

1159

00:53:12,710 --> 00:53:09,300

to come to life

1160

00:53:15,770 --> 00:53:12,720

um subtitle was sub-human species on

1161

00:53:17,950 --> 00:53:15,780

five continents you know he he brought

1162

00:53:21,490 --> 00:53:17,960

in the notion of

1163

00:53:24,290 --> 00:53:21,500

neo-giants sasquatch-like creatures

1164

00:53:26,569 --> 00:53:24,300

distinguishing them from the yeti and

1165

00:53:29,030 --> 00:53:26,579

from the Russian Almas and from the

1166

00:53:30,589 --> 00:53:29,040

little people the urang pandex of

1167

00:53:32,210 --> 00:53:30,599

Southeast Asia

1168

00:53:35,329 --> 00:53:32,220

okay

1169

00:53:37,190 --> 00:53:35,339

presents this to the scientific

1170

00:53:40,370 --> 00:53:37,200

Community I mean this was intended to be

1171

00:53:43,069 --> 00:53:40,380

a scientific treatment and they go it's

1172

00:53:45,470 --> 00:53:43,079

just it's just fairy tales you know

1173

00:53:48,109 --> 00:53:45,480

there there is no there is only one

1174

00:53:50,630 --> 00:53:48,119

species in that Niche and we're it so

1175

00:53:53,450 --> 00:53:50,640

that these things can't exist

1176

00:53:56,329 --> 00:53:53,460

so in Roger Patterson 1967 it's still

1177

00:53:58,309 --> 00:53:56,339

that's the Paradigm so when you suggest

1178

00:54:00,530 --> 00:53:58,319

you know they see this thing walk across

1179

00:54:03,410 --> 00:54:00,540

the uh the screen

1180

00:54:06,890 --> 00:54:03,420

and it stands up right it's bipedal like

1181

00:54:09,470 --> 00:54:06,900

us like a like a homonym well that can't

1182

00:54:12,230 --> 00:54:09,480

be it can't exist therefore it there

1183

00:54:14,750 --> 00:54:12,240

must it must be hoaxed so let's see what

1184

00:54:15,849 --> 00:54:14,760

what rationale can we give to defend

1185

00:54:18,410 --> 00:54:15,859

that

1186

00:54:22,309 --> 00:54:18,420

edict and they made up these ridiculous

1187

00:54:25,130 --> 00:54:22,319

things John Green um sorry John Napier

1188

00:54:27,950 --> 00:54:25,140

was a primatologist who was on the panel

1189

00:54:30,230 --> 00:54:27,960

at the Smithsonian viewing the Patterson

1190

00:54:31,130 --> 00:54:30,240

Patterson Gilman film

1191

00:54:34,370 --> 00:54:31,140

um

1192

00:54:37,250 --> 00:54:34,380

uh Napier's specialty was primate

1193

00:54:39,829 --> 00:54:37,260

Locomotion he he was a actually a

1194

00:54:42,349 --> 00:54:39,839

physician before becoming an academician

1195

00:54:45,230 --> 00:54:42,359

you know at his MD as well as his PhD

1196

00:54:48,470 --> 00:54:45,240

and was a hand and foot specialist

1197

00:54:52,130 --> 00:54:48,480

and uh you know so he was very very

1198

00:54:54,950 --> 00:54:52,140

qualified to evaluate and he came thumbs

1199

00:54:57,470 --> 00:54:54,960

down but in his book which he he wrote

1200

00:54:59,930 --> 00:54:57,480

eventually shortly thereafter over the

1201

00:55:01,430 --> 00:54:59,940

next several years he said he was at

1202

00:55:04,430 --> 00:55:01,440

least forthright enough to say you know

1203

00:55:07,370 --> 00:55:04,440

I really can't justify that conclusion

1204

00:55:09,410 --> 00:55:07,380

except when I look at what I at what's

1205

00:55:11,150 --> 00:55:09,420

on the screen there from the waist up it

1206

00:55:12,770 --> 00:55:11,160

looks like a hey

1207

00:55:13,809 --> 00:55:12,780

from the waist down it looks like a

1208

00:55:18,109 --> 00:55:13,819

human

1209

00:55:22,010 --> 00:55:18,119

I can't imagine that hybrid of structure

1210

00:55:24,670 --> 00:55:22,020

existing in nature it must be a hoax of

1211

00:55:28,430 --> 00:55:24,680

fabrication well his book came out in

1212

00:55:30,770 --> 00:55:28,440

1972 later in that decade kind of the

1213

00:55:34,549 --> 00:55:30,780

often labeled as the Golden Era of

1214

00:55:37,450 --> 00:55:34,559

paleoanthropology uh don Johansson and

1215

00:55:40,130 --> 00:55:37,460

Lucy came on the stage

1216

00:55:43,490 --> 00:55:40,140

Australopithecus afarensis for the first

1217

00:55:46,130 --> 00:55:43,500

time they had cranial remains associated

1218

00:55:50,390 --> 00:55:46,140

with post-cranial skeletal remains

1219

00:55:52,549 --> 00:55:50,400

including a pelvis and knees and ankles

1220

00:55:54,290 --> 00:55:52,559

and how did they describe this

1221

00:55:56,809 --> 00:55:54,300

interesting new species to the popular

1222

00:55:58,549 --> 00:55:56,819

press from the waist up she looks just

1223

00:56:00,710 --> 00:55:58,559

like a chimpanzee from the waist down

1224

00:56:01,990 --> 00:56:00,720

she looks like a human well now wait a

1225

00:56:04,910 --> 00:56:02,000

minute

1226

00:56:07,549 --> 00:56:04,920

that was the linchpin in Napier's

1227

00:56:09,470 --> 00:56:07,559

argument for rejecting the film what if

1228

00:56:11,450 --> 00:56:09,480

he had waited another five years before

1229

00:56:13,790 --> 00:56:11,460

he finished his book and published it

1230

00:56:17,510 --> 00:56:13,800

well I wonder what his you know he died

1231

00:56:20,210 --> 00:56:17,520

not too long after retirement but I

1232

00:56:22,010 --> 00:56:20,220

um I wonder what what difference so then

1233

00:56:25,370 --> 00:56:22,020

there was this shift so all of a sudden

1234

00:56:28,030 --> 00:56:25,380

now I mean not first of all Not only was

1235

00:56:31,309 --> 00:56:28,040

was there more awareness about unusual

1236

00:56:33,950 --> 00:56:31,319

unexpected combinations of traits which

1237

00:56:37,010 --> 00:56:33,960

had been presaged by the Patterson

1238

00:56:40,130 --> 00:56:37,020

gimlet film sometimes by decades but we

1239

00:56:43,130 --> 00:56:40,140

had this burgeoning discovery this

1240

00:56:46,069 --> 00:56:43,140

plethora of hominins that you couldn't

1241

00:56:48,829 --> 00:56:46,079

squeeze onto a single line

1242

00:56:50,870 --> 00:56:48,839

and so suddenly now we've got a bushy

1243

00:56:52,910 --> 00:56:50,880

family tree with lots of species

1244

00:56:55,510 --> 00:56:52,920

coexisting across

1245

00:56:59,329 --> 00:56:55,520

um the the landscape at different times

1246

00:57:03,190 --> 00:56:59,339

and we have evidence of many of these

1247

00:57:07,549 --> 00:57:03,200

lineages persisting like homo naladi

1248

00:57:09,710 --> 00:57:07,559

until remarkably recent times I mean we

1249

00:57:12,230 --> 00:57:09,720

have Neanderthal sites that possibly

1250

00:57:15,549 --> 00:57:12,240

could be as young as 10 000 years if not

1251

00:57:20,450 --> 00:57:15,559

if not into the present we've got

1252

00:57:23,150 --> 00:57:20,460

homohyoburgensis in in East Asia above

1253

00:57:24,829 --> 00:57:23,160

Beijing that's been dated to about 20

1254

00:57:26,930 --> 00:57:24,839

000 years we have the possibility of

1255

00:57:29,089 --> 00:57:26,940

homo erectus on some of these dates are

1256

00:57:32,630 --> 00:57:29,099

this this one is is a little bit

1257

00:57:34,670 --> 00:57:32,640

contested but possibly as reason as 25

1258

00:57:37,250 --> 00:57:34,680

000 some have pushed it back to as much

1259

00:57:40,069 --> 00:57:37,260

as seventy thousand but so what seventy

1260

00:57:43,089 --> 00:57:40,079

thousand years I mean they were living

1261

00:57:46,250 --> 00:57:43,099

alongside homo sapiens

1262

00:57:48,950 --> 00:57:46,260

uh and so you know you jump in a time

1263

00:57:50,569 --> 00:57:48,960

machine and go back 30 000 years get out

1264

00:57:53,210 --> 00:57:50,579

in East Asia and walk around you might

1265

00:57:56,089 --> 00:57:53,220

bump into any of one of any one of as

1266

00:57:58,549 --> 00:57:56,099

many as six or seven or eight species of

1267

00:58:01,190 --> 00:57:58,559

bipedal hominin

1268

00:58:04,370 --> 00:58:01,200

so it's just that that's been the

1269

00:58:06,049 --> 00:58:04,380

biggest change I think and so it's not

1270

00:58:08,270 --> 00:58:06,059

you know it's um

1271

00:58:09,410 --> 00:58:08,280

there there's always

1272

00:58:12,109 --> 00:58:09,420

um

1273

00:58:14,510 --> 00:58:12,119

individuals who are

1274

00:58:15,950 --> 00:58:14,520

very close-minded very parochial in

1275

00:58:21,349 --> 00:58:15,960

their thinking

1276

00:58:22,250 --> 00:58:21,359

uh but this is even more profound more

1277

00:58:23,089 --> 00:58:22,260

more

1278

00:58:25,190 --> 00:58:23,099

um

1279

00:58:29,089 --> 00:58:25,200

uh what's the word I'm after it's it's

1280

00:58:30,530 --> 00:58:29,099

more um I mean it's institutional it's

1281

00:58:34,309 --> 00:58:30,540

not the individual it's it's

1282

00:58:37,190 --> 00:58:34,319

institutional and a whole generation has

1283

00:58:39,589 --> 00:58:37,200

had to kind of pass you know I I get

1284

00:58:41,690 --> 00:58:39,599

approached by students now uh

1285

00:58:44,150 --> 00:58:41,700

anthropology students and recent

1286

00:58:45,530 --> 00:58:44,160

graduates who are really excited about

1287

00:58:48,849 --> 00:58:45,540

this topic

1288

00:58:51,890 --> 00:58:48,859

and they're not completely

1289

00:58:54,770 --> 00:58:51,900

indoctrinated in this notion of a single

1290

00:58:57,289 --> 00:58:54,780

species hypothesis they are you know now

1291

00:58:59,870 --> 00:58:57,299

more open to the possibility that that

1292

00:59:03,289 --> 00:58:59,880

some of these lineages have persisted

1293

00:59:06,049 --> 00:59:03,299

into recent times and why why why would

1294

00:59:08,750 --> 00:59:06,059

we reject that hypothesis you know this

1295

00:59:10,490 --> 00:59:08,760

arrogant notion that if it was out it's

1296

00:59:12,370 --> 00:59:10,500

like one of my previous Department

1297

00:59:15,470 --> 00:59:12,380

chairs

1298

00:59:17,569 --> 00:59:15,480

you know his his retort to me was I was

1299

00:59:19,609 --> 00:59:17,579

born and raised in Idaho I've hunted and

1300

00:59:22,069 --> 00:59:19,619

fished all across the state if it was

1301
00:59:24,410 --> 00:59:22,079
out there I'd have seen it by now sure

1302
00:59:26,170 --> 00:59:24,420
wow that's that's a real high opinion

1303
00:59:29,650 --> 00:59:26,180
yeah wow

1304
00:59:32,089 --> 00:59:29,660
of observation

1305
00:59:33,289 --> 00:59:32,099
you know a little bit more comfortable I

1306
00:59:35,990 --> 00:59:33,299
think that's the issue right it's

1307
00:59:37,670 --> 00:59:36,000
uncomfortable for people to imagine just

1308
00:59:40,430 --> 00:59:37,680
what you stated earlier that they're at

1309
00:59:43,190 --> 00:59:40,440
one point in time we occupied this

1310
00:59:45,829 --> 00:59:43,200
planet with sister species brother

1311
00:59:48,410 --> 00:59:45,839
sister species yeah it's something that

1312
00:59:50,990 --> 00:59:48,420
we can't really wrap our minds around

1313
00:59:53,450 --> 00:59:51,000

because sure we trade the other animals

1314

00:59:56,030 --> 00:59:53,460

around us as you know sort of as lesser

1315

00:59:57,950 --> 00:59:56,040

than right so it really kind of

1316

00:59:59,809 --> 00:59:57,960

confronts some of our biases in many

1317

01:00:02,690 --> 00:59:59,819

ways right well and when people raise

1318

01:00:05,210 --> 01:00:02,700

that uh that contention you know one of

1319

01:00:06,950 --> 01:00:05,220

my comments I said well you know if

1320

01:00:10,370 --> 01:00:06,960

they're especially if they're speaking

1321

01:00:11,990 --> 01:00:10,380

from the position of of a faith uh

1322

01:00:15,470 --> 01:00:12,000

conviction

1323

01:00:17,210 --> 01:00:15,480

um and they they may think that uh

1324

01:00:18,530 --> 01:00:17,220

acknowledging and I've had people say

1325

01:00:22,010 --> 01:00:18,540

this acknowledging the existence of

1326

01:00:24,710 --> 01:00:22,020

Bigfoot would question our own

1327

01:00:27,109 --> 01:00:24,720

um special place in creation

1328

01:00:29,390 --> 01:00:27,119

and I and my response is well you know

1329

01:00:31,970 --> 01:00:29,400

does the existence of a gorilla threaten

1330

01:00:34,250 --> 01:00:31,980

your faith I didn't believe in that

1331

01:00:36,230 --> 01:00:34,260

either this is just a yeah this is just

1332

01:00:39,049 --> 01:00:36,240

a gorilla that stands on its hind legs

1333

01:00:41,630 --> 01:00:39,059

but it's it's uh in this case now you

1334

01:00:44,329 --> 01:00:41,640

know if they if they discover an Almas

1335

01:00:46,670 --> 01:00:44,339

and it's an it's a relic Neanderthal now

1336

01:00:48,890 --> 01:00:46,680

that's going to be a different maybe a

1337

01:00:52,849 --> 01:00:48,900

sticky or Wicket because of the

1338

01:00:55,010 --> 01:00:52,859

remarkable affinity and and the flow you

1339

01:00:57,950 --> 01:00:55,020

know the introgression of Neanderthal

1340

01:01:01,130 --> 01:00:57,960

genes in the in the human

1341

01:01:02,690 --> 01:01:01,140

genome so hey Jeff one one thing I was

1342

01:01:04,730 --> 01:01:02,700

going to say about the Skeptics is what

1343

01:01:06,710 --> 01:01:04,740

happens when you bring them like one of

1344

01:01:08,510 --> 01:01:06,720

these prints where it's really obvious

1345

01:01:10,670 --> 01:01:08,520

about the mid-tarsal break and then you

1346

01:01:12,470 --> 01:01:10,680

go does the human's foot Bend there do

1347

01:01:15,549 --> 01:01:12,480

you think our foot bends there I mean

1348

01:01:19,430 --> 01:01:15,559

like you know yeah well I mean the

1349

01:01:22,609 --> 01:01:19,440

easiest argument is is to kind of uh I

1350

01:01:25,490 --> 01:01:22,619

guess just profess uh ignorance and say

1351

01:01:27,530 --> 01:01:25,500

that my interpretation is wrong that

1352

01:01:30,950 --> 01:01:27,540

it's just it's still well and there have

1353

01:01:33,049 --> 01:01:30,960

been those um uh what's his name Crowley

1354

01:01:34,309 --> 01:01:33,059

Matthew Crowley has done some of the

1355

01:01:36,589 --> 01:01:34,319

most

1356

01:01:38,870 --> 01:01:36,599

um publicized work where he he actually

1357

01:01:41,870 --> 01:01:38,880

modeled some

1358

01:01:43,730 --> 01:01:41,880

um fake feet out of the latex rubber and

1359

01:01:48,289 --> 01:01:43,740

had them mounted to shoes that he could

1360

01:01:52,010 --> 01:01:48,299

wear and and then walk on sand and he uh

1361

01:01:54,770 --> 01:01:52,020

he published photos that he said showed

1362

01:01:57,470 --> 01:01:54,780

how he produced a mid-tarsal pressure

1363

01:02:01,190 --> 01:01:57,480

Ridge with these fake feet but the the

1364

01:02:03,829 --> 01:02:01,200

ridge it's not consistent from one step

1365

01:02:07,370 --> 01:02:03,839

to the other it's you know because it's

1366

01:02:09,650 --> 01:02:07,380

not being dictated by an articulation in

1367

01:02:13,609 --> 01:02:09,660

the skeleton of the foot it's by the

1368

01:02:15,170 --> 01:02:13,619

deforma the deformation of this uh this

1369

01:02:19,430 --> 01:02:15,180

squishy

1370

01:02:21,549 --> 01:02:19,440

um uh foot semi-rigid rubber foot I mean

1371

01:02:23,870 --> 01:02:21,559

it's just there's a total

1372

01:02:26,270 --> 01:02:23,880

misunderstanding on his part and I

1373

01:02:28,010 --> 01:02:26,280

wouldn't expect him to understand the uh

1374

01:02:31,150 --> 01:02:28,020

the skeletal Anatomy but I would expect

1375

01:02:34,910 --> 01:02:31,160

him to withhold his opinion until he

1376

01:02:38,150 --> 01:02:34,920

educated himself on the uh biomechanics

1377

01:02:41,990 --> 01:02:38,160

underlying his his supposition but it's

1378

01:02:43,609 --> 01:02:42,000

you know I'm very very confident in my

1379

01:02:45,730 --> 01:02:43,619

interpretation

1380

01:02:48,430 --> 01:02:45,740

uh uh

1381

01:02:51,530 --> 01:02:48,440

both because of the repeated

1382

01:02:54,789 --> 01:02:51,540

corroboration with other examples

1383

01:02:59,569 --> 01:02:54,799

but also because I can actually watch

1384

01:03:02,329 --> 01:02:59,579

the dynamic unfold on the film the video

1385

01:03:04,970 --> 01:03:02,339

yeah see the movement of the foot I can

1386

01:03:07,190 --> 01:03:04,980

see that flexion and so forth that it

1387

01:03:09,410 --> 01:03:07,200

accounts for I said what really

1388

01:03:11,569 --> 01:03:09,420

uh sealed the deal for me though was

1389

01:03:12,829 --> 01:03:11,579

when I went to China

1390

01:03:16,069 --> 01:03:12,839

and

1391

01:03:19,670 --> 01:03:16,079

there in China had the opportunity to to

1392

01:03:23,150 --> 01:03:19,680

meet a witness who had uh the

1393

01:03:25,250 --> 01:03:23,160

wherewithal to make a pair of casts of

1394

01:03:27,770 --> 01:03:25,260

the footprints left by the creature that

1395

01:03:30,530 --> 01:03:27,780

he had witnessed that he encountered in

1396

01:03:32,630 --> 01:03:30,540

the sheninjian nature reserve and you

1397

01:03:34,370 --> 01:03:32,640

know it was it was it was quite dramatic

1398

01:03:37,490 --> 01:03:34,380

because they wouldn't let me see them

1399

01:03:39,589 --> 01:03:37,500

until they were ready to roll for the

1400

01:03:42,770 --> 01:03:39,599

interview they wanted to capture that

1401

01:03:45,890 --> 01:03:42,780

first impression and I had a little a

1402

01:03:48,530 --> 01:03:45,900

little bit of a of a spoiler because I

1403

01:03:50,390 --> 01:03:48,540

had given I gave Mr Yuan as we're on the

1404

01:03:52,430 --> 01:03:50,400

bus going out to the site the location

1405

01:03:55,010 --> 01:03:52,440

they had chosen to do to set up for the

1406

01:03:58,549 --> 01:03:55,020

interview I gave Mr Yuan the the witness

1407

01:04:00,230 --> 01:03:58,559

a reprint of the paper the igno taxonomy

1408

01:04:02,569 --> 01:04:00,240

paper which was very profusely

1409

01:04:06,770 --> 01:04:02,579

Illustrated and showed this this very

1410

01:04:09,950 --> 01:04:06,780

dramatic figure with 3D scans of that uh

1411

01:04:12,770 --> 01:04:09,960

very pronounced pressure Ridge in the

1412

01:04:15,650 --> 01:04:12,780

cast made by Bob titmus showing it from

1413

01:04:17,150 --> 01:04:15,660

three points of view he couldn't read

1414

01:04:19,190 --> 01:04:17,160

the English he couldn't speak English

1415

01:04:21,890 --> 01:04:19,200

but boy he saw that he opens it up and

1416

01:04:24,890 --> 01:04:21,900

he sees that illustration and oh he just

1417

01:04:27,109 --> 01:04:24,900

sat up in his chair grabbed my shirt my

1418

01:04:29,109 --> 01:04:27,119

or my jacket sleeve and he's pulling on

1419

01:04:31,549 --> 01:04:29,119

and he's thumping on the illustration

1420

01:04:33,829 --> 01:04:31,559

and I said okay I get it I get okay okay

1421

01:04:35,150 --> 01:04:33,839

so we get there and he opens up his

1422

01:04:36,710 --> 01:04:35,160

little suitcase and now comes the

1423

01:04:40,130 --> 01:04:36,720

toweling and out comes this pair of

1424

01:04:42,410 --> 01:04:40,140

footprints and they were dead ringers I

1425

01:04:44,329 --> 01:04:42,420

mean this thing was had a maybe a

1426

01:04:46,490 --> 01:04:44,339

another half inch or three quarters inch

1427

01:04:49,370 --> 01:04:46,500

bread so maybe it was a young male

1428

01:04:52,309 --> 01:04:49,380

instead of a female like Patty but um

1429

01:04:55,190 --> 01:04:52,319

but I mean the shape and proportions the

1430

01:04:58,970 --> 01:04:55,200

orientation and position of the pressure

1431

01:05:01,549 --> 01:04:58,980

Ridge uh was just identical and this the

1432

01:05:04,370 --> 01:05:01,559

circumstances were such it it had

1433

01:05:07,789 --> 01:05:04,380

squatted down presumably at a spring on

1434

01:05:10,010 --> 01:05:07,799

a muddy bank and so in squatting the

1435

01:05:11,569 --> 01:05:10,020

foot had the heel had come up and the

1436

01:05:12,770 --> 01:05:11,579

weight was differentially over the

1437

01:05:15,770 --> 01:05:12,780

fourth part of the foot and it created

1438

01:05:17,349 --> 01:05:15,780

it push the push back into the heel

1439

01:05:19,910 --> 01:05:17,359

imprint and

1440

01:05:21,950 --> 01:05:19,920

how could this guy have done this I mean

1441

01:05:23,990 --> 01:05:21,960

well I mean what are the odds where did

1442

01:05:25,609 --> 01:05:24,000

he couldn't speak English he didn't even

1443

01:05:27,470 --> 01:05:25,619

know about Sasquatch Through The

1444

01:05:29,329 --> 01:05:27,480

Interpreter he asked me at one point so

1445

01:05:31,789 --> 01:05:29,339

is there anything like is there anything

1446

01:05:34,789 --> 01:05:31,799

like the wild man the year and is there

1447

01:05:38,630 --> 01:05:34,799

anything like this in America I go uh

1448

01:05:41,870 --> 01:05:38,640

yeah there we think there is that's why

1449

01:05:44,630 --> 01:05:41,880

we're why we're here you know 48 or 50

1450

01:05:46,970 --> 01:05:44,640

states uh uh We've we've had sightings

1451

01:05:48,950 --> 01:05:46,980

just about 47 or so

1452

01:05:51,530 --> 01:05:48,960

um okay so here's what we got so we got

1453

01:05:54,170 --> 01:05:51,540

about 23 minutes left we're gonna go to

1454

01:05:56,510 --> 01:05:54,180

Tim first of all welcome Tim uh the the

1455

01:05:59,150 --> 01:05:56,520

co-host of Bigfoot influencers party

1456

01:06:01,849 --> 01:05:59,160

people put no hand together

1457

01:06:03,890 --> 01:06:01,859

thank you thank you and Dr Jeff my

1458

01:06:06,589 --> 01:06:03,900

friend how are you good thank you good

1459

01:06:08,210 --> 01:06:06,599

to see you good to see you so uh I've

1460

01:06:10,270 --> 01:06:08,220

got a question that I've never asked you

1461

01:06:13,270 --> 01:06:10,280

before which is rare because I've

1462

01:06:17,210 --> 01:06:13,280

badgered you with questions

1463

01:06:20,210 --> 01:06:17,220

based on the Patterson game one film

1464

01:06:23,150 --> 01:06:20,220

will has anyone been accurately been

1465

01:06:26,390 --> 01:06:23,160

able to determine the shoulder width

1466

01:06:28,789 --> 01:06:26,400

and if it's out of human range wouldn't

1467

01:06:31,490 --> 01:06:28,799

that be pretty much rule out of hoax

1468

01:06:36,650 --> 01:06:31,500

yeah yeah this is interesting

1469

01:06:39,230 --> 01:06:36,660

um the the most detailed assessment of

1470

01:06:42,470 --> 01:06:39,240

the proportions was carried out by John

1471

01:06:45,770 --> 01:06:42,480

Green so very early on he did a whole

1472

01:06:47,589 --> 01:06:45,780

series of tracings of enlargements of

1473

01:06:50,809 --> 01:06:47,599

the frame so this was from the original

1474

01:06:54,589 --> 01:06:50,819

you know and from those tracings using

1475

01:06:56,569 --> 01:06:54,599

the foot as the scale of 14 and a half

1476
01:06:57,710 --> 01:06:56,579
inches now there's there's a little room

1477
01:07:01,609 --> 01:06:57,720
for

1478
01:07:04,970 --> 01:07:01,619
as with many people uh one foot is

1479
01:07:08,390 --> 01:07:04,980
slightly longer than the other uh so you

1480
01:07:10,190 --> 01:07:08,400
always hear 14 and a half inches but and

1481
01:07:13,069 --> 01:07:10,200
that is her and I have to always picture

1482
01:07:16,430 --> 01:07:13,079
this that is her right foot the left

1483
01:07:19,010 --> 01:07:16,440
foot I would be more comfortable uh

1484
01:07:20,390 --> 01:07:19,020
labeling it as 15 inches you know you

1485
01:07:22,910 --> 01:07:20,400
always have to be careful because I mean

1486
01:07:24,950 --> 01:07:22,920
we're dealing with Footprints right and

1487
01:07:27,589 --> 01:07:24,960
there and the depth of the imprint and

1488
01:07:29,809 --> 01:07:27,599

other distortions the way the toes are

1489

01:07:31,609 --> 01:07:29,819

are lifted out and so forth can add a

1490

01:07:34,130 --> 01:07:31,619

quarter inch a half inch easier but

1491

01:07:36,950 --> 01:07:34,140

anyway using that as the scale we then

1492

01:07:40,549 --> 01:07:36,960

determined her proportions and yes her

1493

01:07:44,329 --> 01:07:40,559

shoulder breath I mean it was uh was

1494

01:07:47,029 --> 01:07:44,339

close to 36 inches if I remember I'd

1495

01:07:48,410 --> 01:07:47,039

have to look down again 36 or 42 inches

1496

01:07:50,329 --> 01:07:48,420

across

1497

01:07:52,849 --> 01:07:50,339

now I'm

1498

01:07:54,770 --> 01:07:52,859

I am seeing I'm all these numbers have

1499

01:07:56,809 --> 01:07:54,780

just gone out of my head because I'm I'm

1500

01:07:59,089 --> 01:07:56,819

just about six foot I have fairly broad

1501

01:08:00,890 --> 01:07:59,099

shoulders but my shoulders last time I

1502

01:08:03,770 --> 01:08:00,900

measured them I think where it was only

1503

01:08:05,750 --> 01:08:03,780

like 27 inches across so you could

1504

01:08:08,569 --> 01:08:05,760

imagine something that's another

1505

01:08:11,289 --> 01:08:08,579

six inches maybe a foot taller than me

1506

01:08:16,910 --> 01:08:11,299

but then with shoulders that are a full

1507

01:08:20,269 --> 01:08:16,920

uh 10 to 16 inches uh wider than my

1508

01:08:24,169 --> 01:08:20,279

shoulder so it's it was this was a an

1509

01:08:28,070 --> 01:08:24,179

interesting thing came up and and

1510

01:08:29,749 --> 01:08:28,080

um have a real uh tension between a

1511

01:08:32,450 --> 01:08:29,759

former colleague and I don't know who

1512

01:08:38,930 --> 01:08:32,460

you were talking and before the show

1513

01:08:42,289 --> 01:08:38,940

about my uh roommate uh Dr Simeon Hein

1514

01:08:44,329 --> 01:08:42,299

oh I'll have to read his uh what the

1515

01:08:46,010 --> 01:08:44,339

text said and then I'll read back to you

1516

01:08:48,110 --> 01:08:46,020

yeah well uh for a long time people

1517

01:08:51,349 --> 01:08:48,120

thought that that David daeglin and I

1518

01:08:53,749 --> 01:08:51,359

were roommates at Stony Brook cousin

1519

01:08:57,530 --> 01:08:53,759

Daniel at Yale it was his cousin Daniel

1520

01:09:00,530 --> 01:08:57,540

oh oh Daniel Daniel hey Yale you went to

1521

01:09:01,789 --> 01:09:00,540

Yale no I didn't go to Yale oh he must

1522

01:09:04,070 --> 01:09:01,799

have you confused with somebody else

1523

01:09:05,450 --> 01:09:04,080

then yeah it might be it might be a

1524

01:09:08,990 --> 01:09:05,460

different Jeff [h__h] instead of Jeff

1525

01:09:12,050 --> 01:09:09,000

Meldrum yeah phds go ahead okay so so

1526

01:09:14,150 --> 01:09:12,060

David daglin made a big deal Grover

1527

01:09:15,890 --> 01:09:14,160

Krantz had had asserted that there

1528

01:09:18,349 --> 01:09:15,900

wasn't a human alive

1529

01:09:20,090 --> 01:09:18,359

that could fill the proportions of that

1530

01:09:22,610 --> 01:09:20,100

cost if it were a costume that could

1531

01:09:23,349 --> 01:09:22,620

fill the proportions and

1532

01:09:25,789 --> 01:09:23,359

um

1533

01:09:28,930 --> 01:09:25,799

daglin in his book

1534

01:09:33,050 --> 01:09:28,940

takes and in a previously

1535

01:09:36,829 --> 01:09:33,060

published article which I reviewed

1536

01:09:39,970 --> 01:09:36,839

uh he took Grant Krantz to task he

1537

01:09:43,309 --> 01:09:39,980

referred to some some

1538

01:09:46,070 --> 01:09:43,319

anthropometric manuals where they have

1539

01:09:48,650 --> 01:09:46,080

these huge data sets that are gleaned

1540

01:09:49,729 --> 01:09:48,660

from lots and lots of army recruits and

1541

01:09:52,970 --> 01:09:49,739

there are different National there's

1542

01:09:55,370 --> 01:09:52,980

American and German and so forth you

1543

01:09:59,150 --> 01:09:55,380

know various NATO Nations that make

1544

01:10:01,910 --> 01:09:59,160

their data available and one of the

1545

01:10:04,310 --> 01:10:01,920

measures had to do with chess not the

1546

01:10:06,470 --> 01:10:04,320

shoulders but the chest

1547

01:10:09,770 --> 01:10:06,480

and um

1548

01:10:13,490 --> 01:10:09,780

uh daeglin

1549

01:10:19,130 --> 01:10:13,500

cited one of these anthropometric

1550

01:10:22,550 --> 01:10:19,140

values as as that showing that humans

1551

01:10:26,270 --> 01:10:22,560

um were big enough to fill that well

1552

01:10:26,870 --> 01:10:26,280

what he chose was the

1553

01:10:29,390 --> 01:10:26,880

um

1554

01:10:30,110 --> 01:10:29,400

intersky

1555

01:10:33,350 --> 01:10:30,120

um

1556

01:10:36,770 --> 01:10:33,360

which is called which is a measure uh

1557

01:10:40,250 --> 01:10:36,780

not of just a chest breath but the

1558

01:10:42,050 --> 01:10:40,260

surface measure across the chest from

1559

01:10:44,149 --> 01:10:42,060

the center of the armpit one armpit

1560

01:10:46,669 --> 01:10:44,159

across the front of the chest you know a

1561

01:10:49,010 --> 01:10:46,679

taped measure across the surface to the

1562

01:10:53,450 --> 01:10:49,020

other armpit which obviously is much

1563

01:10:54,770 --> 01:10:53,460

more than is the the chest breath

1564

01:10:56,810 --> 01:10:54,780

measure

1565

01:10:59,090 --> 01:10:56,820

and I pointed this and he had conflated

1566

01:11:01,850 --> 01:10:59,100

those two there's they're not comparable

1567

01:11:05,750 --> 01:11:01,860

in the least I mean one can be 20 to 30

1568

01:11:07,610 --> 01:11:05,760

percent more than uh the other the the

1569

01:11:10,010 --> 01:11:07,620

taped measure across you know it's

1570

01:11:12,470 --> 01:11:10,020

essentially a hemispheric a half a

1571

01:11:15,350 --> 01:11:12,480

circumference of the chest basically

1572

01:11:17,450 --> 01:11:15,360

instead of the diameter you know you

1573

01:11:19,310 --> 01:11:17,460

would never equate those two

1574

01:11:21,169 --> 01:11:19,320

and he wouldn't back down he wouldn't

1575

01:11:22,910 --> 01:11:21,179

correct it he wouldn't retract that and

1576

01:11:25,550 --> 01:11:22,920

then he went and republished it in his

1577

01:11:29,510 --> 01:11:25,560

with even more Exposition in his book

1578

01:11:32,630 --> 01:11:29,520

and and you know lambasted Krantz is is

1579

01:11:37,030 --> 01:11:32,640

not knowing his trade his craft and and

1580

01:11:40,430 --> 01:11:37,040

it was you know the opposite was true so

1581

01:11:43,070 --> 01:11:40,440

that like you as you you as you point

1582

01:11:44,689 --> 01:11:43,080

out if you've got that breadth then how

1583

01:11:47,570 --> 01:11:44,699

you know you can't have your arms swing

1584

01:11:49,130 --> 01:11:47,580

it's like when you put on a parka that's

1585

01:11:51,169 --> 01:11:49,140

too big and your arms are out here it's

1586

01:11:53,090 --> 01:11:51,179

like that uh Christmas Story image of

1587

01:11:54,530 --> 01:11:53,100

the little kid all wrapped up to go to

1588

01:11:57,290 --> 01:11:54,540

school and his arms are sticking out in

1589

01:11:59,209 --> 01:11:57,300

sides and he can't put his arms down

1590

01:12:01,430 --> 01:11:59,219

that's what it would be like if you were

1591

01:12:04,130 --> 01:12:01,440

in the costume and so they said oh well

1592

01:12:06,169 --> 01:12:04,140

then you could stick your elbows right

1593

01:12:09,530 --> 01:12:06,179

in the shoulders and then just have

1594

01:12:10,550 --> 01:12:09,540

extensions your wrist would be would be

1595

01:12:13,250 --> 01:12:10,560

the

1596

01:12:15,229 --> 01:12:13,260

um costume elbow and you would have an

1597

01:12:17,689 --> 01:12:15,239

extension that went down to the hand

1598

01:12:20,270 --> 01:12:17,699

well unfortunately that makes the

1599

01:12:23,810 --> 01:12:20,280

shoulders breath too great you know you

1600

01:12:25,850 --> 01:12:23,820

can't you can't break bones to uh split

1601

01:12:28,729 --> 01:12:25,860

the difference and and we can see

1602

01:12:32,630 --> 01:12:28,739

movements in the fingers we can see when

1603

01:12:36,250 --> 01:12:32,640

you extend the wrist it caused the

1604

01:12:39,169 --> 01:12:36,260

tension in the flexors muscles cause the

1605

01:12:41,030 --> 01:12:39,179

fingers to flex they're extended and

1606

01:12:43,490 --> 01:12:41,040

then when the wrist goes up the fingers

1607

01:12:46,250 --> 01:12:43,500

Flex naturally the passively

1608

01:12:48,229 --> 01:12:46,260

so that wouldn't be built into a costume

1609

01:12:51,830 --> 01:12:48,239

like that if you just had a

1610

01:12:54,950 --> 01:12:51,840

a broomstick you know Boris Phillip

1611

01:12:59,689 --> 01:12:54,960

Morris even argued that he explained how

1612

01:13:02,270 --> 01:12:59,699

Roger could extend the arm length by

1613

01:13:05,149 --> 01:13:02,280

having the person in the costume hold a

1614

01:13:07,729 --> 01:13:05,159

sawed-off broomstick that stuck into the

1615

01:13:08,930 --> 01:13:07,739

hand stuffed the hand with with paper or

1616

01:13:10,729 --> 01:13:08,940

something and then just stick the

1617

01:13:12,830 --> 01:13:10,739

broomstick you know and then I guess

1618

01:13:15,530 --> 01:13:12,840

hope that it doesn't slip off the end is

1619

01:13:17,630 --> 01:13:15,540

during the middle of your your shoe but

1620

01:13:19,910 --> 01:13:17,640

that doesn't that then your forearm is

1621

01:13:22,189 --> 01:13:19,920

way too long by comparison to the upper

1622

01:13:24,830 --> 01:13:22,199

arm and her proportions are are

1623

01:13:28,189 --> 01:13:24,840

reasonable compared to other

1624

01:13:30,830 --> 01:13:28,199

um other primates and humans so

1625

01:13:32,390 --> 01:13:30,840

all right um so we've got about 15

1626

01:13:35,330 --> 01:13:32,400

minutes left so we want to go quick

1627

01:13:38,090 --> 01:13:35,340

hitters on this uh this final round that

1628

01:13:40,250 --> 01:13:38,100

we're gonna do Jeff uh Nathan what I was

1629

01:13:42,410 --> 01:13:40,260

going to tell Alexander uh more on this

1630

01:13:44,689 --> 01:13:42,420

there we we don't know uh if President

1631

01:13:46,970 --> 01:13:44,699

Roosevelt knew about the Bigfoot

1632

01:13:49,310 --> 01:13:46,980

connection there's no way that that we

1633

01:13:51,350 --> 01:13:49,320

could know that is possible but it is a

1634

01:13:53,689 --> 01:13:51,360

conspiracy theory that's popular it's

1635

01:13:55,550 --> 01:13:53,699

possible that he knew and and perhaps he

1636

01:13:56,930 --> 01:13:55,560

didn't know

1637

01:13:58,370 --> 01:13:56,940

um and that's the other question about

1638

01:14:00,110 --> 01:13:58,380

the weaponization of Bigfoot again

1639

01:14:04,430 --> 01:14:00,120

that's something that nobody here could

1640

01:14:07,070 --> 01:14:04,440

speak to all right uh so Dr Jeff I I've

1641

01:14:09,410 --> 01:14:07,080

discussed this hypothesis with a couple

1642

01:14:12,709 --> 01:14:09,420

of researchers

1643

01:14:15,350 --> 01:14:12,719

um a researcher who wanted to remain

1644

01:14:17,209 --> 01:14:15,360

nameless actually told me that that this

1645

01:14:19,550 --> 01:14:17,219

happened to him and it was corroborated

1646

01:14:21,770 --> 01:14:19,560

by another field researcher that was

1647

01:14:24,830 --> 01:14:21,780

with him this is somebody with um

1648

01:14:27,950 --> 01:14:24,840

multiple decades in it someone that that

1649

01:14:30,590 --> 01:14:27,960

I think is trustworthy I discussed this

1650

01:14:34,250 --> 01:14:30,600

with Tim so let me ask you this do you

1651

01:14:37,310 --> 01:14:34,260

believe in homes that their people have

1652

01:14:39,290 --> 01:14:37,320

experienced ghosts of some sort do you

1653

01:14:42,470 --> 01:14:39,300

believe that

1654

01:14:46,490 --> 01:14:42,480

you know I I don't really have a an

1655

01:14:47,510 --> 01:14:46,500

opinion uh as to

1656

01:14:49,490 --> 01:14:47,520

um

1657

01:14:52,130 --> 01:14:49,500

the role of

1658

01:14:55,430 --> 01:14:52,140

or the existence of ghosts or Spirits

1659

01:15:00,470 --> 01:14:55,440

I've never had any personal experiences

1660

01:15:03,649 --> 01:15:00,480

that would that would um you know

1661

01:15:05,630 --> 01:15:03,659

give substance to an opinion like that

1662

01:15:08,450 --> 01:15:05,640

but it's within the realm of possibility

1663

01:15:10,010 --> 01:15:08,460

you would sure oh yeah I don't I don't

1664

01:15:11,990 --> 01:15:10,020

rule out the fact that or the

1665

01:15:13,510 --> 01:15:12,000

possibility not the fact rule out the

1666

01:15:17,570 --> 01:15:13,520

possibility that there could be other

1667

01:15:19,970 --> 01:15:17,580

dimensions and other other forms

1668

01:15:22,250 --> 01:15:19,980

so so what I was trying to come up with

1669

01:15:25,430 --> 01:15:22,260

I heard someone famous in the in the

1670

01:15:27,050 --> 01:15:25,440

Bigfoot Community posit this Theory and

1671

01:15:28,550 --> 01:15:27,060

I don't want to say his name because I

1672

01:15:30,470 --> 01:15:28,560

don't want to color what your response

1673

01:15:32,030 --> 01:15:30,480

would be by the individual's name but

1674

01:15:33,709 --> 01:15:32,040

then I checked it out by checking with

1675

01:15:37,130 --> 01:15:33,719

some other people about this

1676

01:15:41,090 --> 01:15:37,140

but we don't you know nobody can prove

1677

01:15:43,250 --> 01:15:41,100

about a parent necessarily A paranormal

1678

01:15:45,169 --> 01:15:43,260

aspect of Bigfoot people have said they

1679

01:15:47,330 --> 01:15:45,179

have seen them do things they have heard

1680

01:15:49,250 --> 01:15:47,340

them walk up to a tent but then they

1681

01:15:50,930 --> 01:15:49,260

could they never heard them walk away or

1682

01:15:52,790 --> 01:15:50,940

they didn't hear them walk up but then

1683

01:15:54,709 --> 01:15:52,800

they did hear them walk away these types

1684

01:15:57,770 --> 01:15:54,719

of things so what I'm thinking if if

1685

01:16:01,130 --> 01:15:57,780

humans it's possible that humans are are

1686

01:16:04,189 --> 01:16:01,140

remaining in a location as a distressed

1687

01:16:06,229 --> 01:16:04,199

Spirit as a replayed memory as a ghost

1688

01:16:08,330 --> 01:16:06,239

that people experience in their homes

1689

01:16:09,830 --> 01:16:08,340

and there's you know thousands and

1690

01:16:12,110 --> 01:16:09,840

thousands of people that that report

1691

01:16:15,350 --> 01:16:12,120

that they have had some sort of ghost

1692

01:16:18,770 --> 01:16:15,360

activity in their home from a traumatic

1693

01:16:21,050 --> 01:16:18,780

event that occurred in that home so if

1694

01:16:23,810 --> 01:16:21,060

there are some inexplicable events in

1695

01:16:26,930 --> 01:16:23,820

the woods with Bigfoot is it possible

1696

01:16:28,070 --> 01:16:26,940

that it's nothing more than one that

1697

01:16:31,430 --> 01:16:28,080

died

1698

01:16:33,229 --> 01:16:31,440

that that it's it's a ghost of an animal

1699

01:16:35,050 --> 01:16:33,239

that lived there a living breathing

1700

01:16:37,070 --> 01:16:35,060

animal that died and then is now

1701

01:16:38,870 --> 01:16:37,080

replaying something it may have had a

1702

01:16:41,030 --> 01:16:38,880

traumatic event there it may have loved

1703

01:16:43,490 --> 01:16:41,040

that space who knows for the same

1704

01:16:45,169 --> 01:16:43,500

reasons that Spirits don't uh can't

1705

01:16:47,209 --> 01:16:45,179

somehow

1706

01:16:49,669 --> 01:16:47,219

um extricate themselves

1707

01:16:51,770 --> 01:16:49,679

you know from a from a location is it

1708

01:16:53,930 --> 01:16:51,780

possible that that's happened with a

1709

01:16:56,090 --> 01:16:53,940

Bigfoot and it would explain something

1710

01:16:57,890 --> 01:16:56,100

that looks like a portal but it's not

1711

01:17:00,410 --> 01:16:57,900

it's actually just a ghost that's

1712

01:17:02,090 --> 01:17:00,420

appearing and then disappearing sure as

1713

01:17:03,950 --> 01:17:02,100

they do yeah

1714

01:17:08,390 --> 01:17:03,960

well I mean

1715

01:17:11,990 --> 01:17:08,400

Never Say Never right I I I I I have no

1716

01:17:12,770 --> 01:17:12,000

way to evaluate that and and that's the

1717

01:17:16,689 --> 01:17:12,780

only

1718

01:17:19,370 --> 01:17:16,699

uh uh restriction or

1719

01:17:21,290 --> 01:17:19,380

self-limiting principle that I

1720

01:17:23,630 --> 01:17:21,300

adhere to because I you know I am

1721

01:17:26,090 --> 01:17:23,640

trained as a scientist I have I have

1722

01:17:29,630 --> 01:17:26,100

other interests obviously as well and

1723

01:17:30,229 --> 01:17:29,640

and certainly entertain broader

1724

01:17:32,229 --> 01:17:30,239

um

1725

01:17:38,990 --> 01:17:32,239

uh

1726

01:17:42,470 --> 01:17:39,000

scientist as an investigator I'm going

1727

01:17:45,470 --> 01:17:42,480

to hold myself to very uh rigid

1728

01:17:48,490 --> 01:17:45,480

standards yeah

1729

01:17:50,450 --> 01:17:48,500

yeah and so and I and so if someone

1730

01:17:54,229 --> 01:17:50,460

wants to

1731

01:17:56,990 --> 01:17:54,239

promulgate a a notion

1732

01:18:00,350 --> 01:17:57,000

uh Beyond just simply sharing a personal

1733

01:18:03,770 --> 01:18:00,360

experience then then they are beholding

1734

01:18:06,649 --> 01:18:03,780

to those uh those same standards of of

1735

01:18:07,850 --> 01:18:06,659

evidence I think and so you know when it

1736

01:18:11,510 --> 01:18:07,860

comes especially when it comes to

1737

01:18:13,130 --> 01:18:11,520

Bigfoot uh some of the claims that

1738

01:18:15,350 --> 01:18:13,140

people put out there

1739

01:18:17,510 --> 01:18:15,360

it's like I said I'm often

1740

01:18:19,850 --> 01:18:17,520

taking people up on their invitation to

1741

01:18:22,330 --> 01:18:19,860

come out and try to experience those

1742

01:18:24,290 --> 01:18:22,340

things with them and when I come along

1743

01:18:26,930 --> 01:18:24,300

suddenly these

1744

01:18:29,570 --> 01:18:26,940

uh wild uh experiences that they've

1745

01:18:32,209 --> 01:18:29,580

described failed to occur they don't

1746

01:18:34,250 --> 01:18:32,219

happen I I guess I'm the the wet blanket

1747

01:18:38,990 --> 01:18:34,260

at the party you know I'm not the party

1748

01:18:42,070 --> 01:18:39,000

pooper but and and other people who have

1749

01:18:44,209 --> 01:18:42,080

who I have pressed to

1750

01:18:46,850 --> 01:18:44,219

substantiate their experience

1751

01:18:48,770 --> 01:18:46,860

photographically or otherwise you know

1752

01:18:51,590 --> 01:18:48,780

they'll bring forth a photograph there

1753

01:18:53,630 --> 01:18:51,600

was one just recently he was going on

1754

01:18:55,729 --> 01:18:53,640

and on about all these orbs that he was

1755

01:18:57,229 --> 01:18:55,739

experiencing when he was out looking for

1756

01:18:58,330 --> 01:18:57,239

bigfoot and I said well you know do you

1757

01:19:01,610 --> 01:18:58,340

have any pictures

1758

01:19:03,410 --> 01:19:01,620

and uh in this case he said oh yeah I do

1759

01:19:05,090 --> 01:19:03,420

I said well will you share what you

1760

01:19:07,610 --> 01:19:05,100

think is your best most convincing

1761

01:19:10,430 --> 01:19:07,620

photograph so I get this if I get this

1762

01:19:14,270 --> 01:19:10,440

Photograph and it's a it's a flash

1763

01:19:15,950 --> 01:19:14,280

uh picture taken at night and he was

1764

01:19:18,290 --> 01:19:15,960

apparently camped under all these big

1765

01:19:20,450 --> 01:19:18,300

Ponderosa Pines that were in full

1766

01:19:24,169 --> 01:19:20,460

pollination if you've ever seen this

1767

01:19:26,750 --> 01:19:24,179

it's like a blizzard a flash picture and

1768

01:19:28,490 --> 01:19:26,760

it just is almost a white out and I said

1769

01:19:30,830 --> 01:19:28,500

well you know just to make sure we're on

1770

01:19:32,990 --> 01:19:30,840

the same page these are orbs yeah each

1771

01:19:36,290 --> 01:19:33,000

and every one of these is an orb it was

1772

01:19:38,209 --> 01:19:36,300

pollen reflecting the the flash of the

1773

01:19:39,590 --> 01:19:38,219

camera and that was you know and I know

1774

01:19:41,570 --> 01:19:39,600

I know other people have had more

1775

01:19:43,970 --> 01:19:41,580

described more convincing I had someone

1776

01:19:45,770 --> 01:19:43,980

as I was sharing this experience with

1777

01:19:48,229 --> 01:19:45,780

them they pulled out their phone and

1778

01:19:51,890 --> 01:19:48,239

here was this little orb right downtown

1779

01:19:53,750 --> 01:19:51,900

he was in in a parked car angled in with

1780

01:19:56,990 --> 01:19:53,760

angled parking so he's looking towards

1781

01:19:58,850 --> 01:19:57,000

the storefronts and dancing across you

1782

01:20:03,169 --> 01:19:58,860

know just a few feet above the sidewalk

1783

01:20:06,110 --> 01:20:03,179

is this ball of light but it looked

1784

01:20:08,270 --> 01:20:06,120

suspiciously to me like you know

1785

01:20:09,590 --> 01:20:08,280

something that was reflecting off of a

1786

01:20:12,110 --> 01:20:09,600

moving

1787

01:20:14,930 --> 01:20:12,120

window or a sign or something on the

1788

01:20:18,530 --> 01:20:14,940

opposite side because this our view was

1789

01:20:21,169 --> 01:20:18,540

in Shadow the sun was coming over the

1790

01:20:24,169 --> 01:20:21,179

tops of the buildings and hitting the

1791

01:20:26,270 --> 01:20:24,179

the buildings behind and and it looked

1792

01:20:28,550 --> 01:20:26,280

just like you know like that reflection

1793

01:20:31,790 --> 01:20:28,560

off that we used to take at one of our

1794

01:20:35,510 --> 01:20:31,800

CDs we had a dog who liked the cat with

1795

01:20:38,149 --> 01:20:35,520

the flashlight we'd use a CD catch the

1796

01:20:39,890 --> 01:20:38,159

sunlight and uh bounce that across the

1797

01:20:42,110 --> 01:20:39,900

floor and Men he'd go crazy freak them

1798

01:20:44,330 --> 01:20:42,120

out yeah but it looked just like that it

1799

01:20:46,189 --> 01:20:44,340

was just this kind of bouncing along an

1800

01:20:48,229 --> 01:20:46,199

irregular course you know I don't know I

1801
01:20:50,750 --> 01:20:48,239
don't know what that was I think it was

1802
01:20:52,070 --> 01:20:50,760
you know a more rational or no I

1803
01:20:55,570 --> 01:20:52,080
shouldn't say more rational I think it

1804
01:20:58,630 --> 01:20:55,580
was a simpler explanation than something

1805
01:21:04,490 --> 01:21:01,910
the ghost hypothesis I found to be it's

1806
01:21:06,169 --> 01:21:04,500
a little more digestible than saying

1807
01:21:08,750 --> 01:21:06,179
it's a portal to a different dimension

1808
01:21:10,490 --> 01:21:08,760
not say not to throw cold water on that

1809
01:21:12,470 --> 01:21:10,500
but I said okay okay ghosts are

1810
01:21:13,910 --> 01:21:12,480
something that a lot of us can to use a

1811
01:21:16,550 --> 01:21:13,920
word from last week's show which was

1812
01:21:20,209 --> 01:21:16,560
used like five times we can metabolize a

1813
01:21:22,010 --> 01:21:20,219

lot a lot easier than than portals and

1814

01:21:24,110 --> 01:21:22,020

stuff and basically to make a long story

1815

01:21:25,910 --> 01:21:24,120

short this individual was at the

1816

01:21:28,850 --> 01:21:25,920

trailhead they were headed back to the

1817

01:21:32,570 --> 01:21:28,860

vehicle and saw what looked like a

1818

01:21:35,630 --> 01:21:32,580

native a Native American person a white

1819

01:21:38,209 --> 01:21:35,640

person in Period clothing and then a

1820

01:21:40,370 --> 01:21:38,219

Bigfoot looking at them that that

1821

01:21:42,890 --> 01:21:40,380

appeared and all three of them appeared

1822

01:21:44,990 --> 01:21:42,900

to be spirit-like it wasn't until they

1823

01:21:48,290 --> 01:21:45,000

got in the car that one of the other

1824

01:21:51,890 --> 01:21:48,300

researchers said hey did you see that

1825

01:21:54,110 --> 01:21:51,900

Indian lady and the and the the little

1826

01:21:57,229 --> 01:21:54,120

girl with her you know and she sort of

1827

01:21:59,510 --> 01:21:57,239

was in a a hug from behind uh situation

1828

01:22:02,810 --> 01:21:59,520

so that's when this person was like okay

1829

01:22:05,510 --> 01:22:02,820

wow I you know I I think that this is

1830

01:22:08,890 --> 01:22:05,520

this is a possibility now but anyway

1831

01:22:13,310 --> 01:22:08,900

yeah I've never heard that suggestion

1832

01:22:17,090 --> 01:22:13,320

spectral Sasquatch uh ghosts yeah I mean

1833

01:22:18,530 --> 01:22:17,100

so anyway let's get to uh Debs and we

1834

01:22:20,750 --> 01:22:18,540

have about we don't have a lot we've got

1835

01:22:22,910 --> 01:22:20,760

about six minutes left so let's get get

1836

01:22:25,250 --> 01:22:22,920

Debs and then uh we'll go with uh cabbie

1837

01:22:26,630 --> 01:22:25,260

goodbyes yeah I just wanted to ask if

1838

01:22:29,270 --> 01:22:26,640

you think there are any other videos

1839

01:22:34,850 --> 01:22:29,280

that we should be looking at of um

1840

01:22:37,610 --> 01:22:34,860

Bigfoot to kind of like well one that uh

1841

01:22:39,070 --> 01:22:37,620

that I featured in my books Sasquatch

1842

01:22:42,770 --> 01:22:39,080

Legend meets science

1843

01:22:45,890 --> 01:22:42,780

uh was the Freeman footage

1844

01:22:48,709 --> 01:22:45,900

uh shot outside of Walla Walla up near a

1845

01:22:50,870 --> 01:22:48,719

place called deduct Springs and uh Cliff

1846

01:22:53,209 --> 01:22:50,880

barrickman has been doing some

1847

01:22:55,970 --> 01:22:53,219

interesting things uh

1848

01:22:59,270 --> 01:22:55,980

trying to well he's gone back to the

1849

01:23:00,890 --> 01:22:59,280

site and and identified the landmarks

1850

01:23:05,090 --> 01:23:00,900

and there's been a few changes obviously

1851
01:23:09,229 --> 01:23:05,100
over the years but you can quite readily

1852
01:23:11,750 --> 01:23:09,239
have a person uh walk that path and put

1853
01:23:15,050 --> 01:23:11,760
their feet exactly where they should be

1854
01:23:18,290 --> 01:23:15,060
relative to the image on the on the

1855
01:23:19,490 --> 01:23:18,300
video and it makes for a really

1856
01:23:20,050 --> 01:23:19,500
interesting

1857
01:23:22,490 --> 01:23:20,060
um

1858
01:23:24,770 --> 01:23:22,500
corroboration I think it's going they're

1859
01:23:27,410 --> 01:23:24,780
going to do a more in-depth analysis to

1860
01:23:29,110 --> 01:23:27,420
include in the sequel Sasquatch leisure

1861
01:23:30,970 --> 01:23:29,120
mean Science 2 so I'll probably be

1862
01:23:32,930 --> 01:23:30,980
discussing that

1863
01:23:34,790 --> 01:23:32,940

highlighting that further in the

1864

01:23:36,169 --> 01:23:34,800

companion volume that will be coming out

1865

01:23:39,410 --> 01:23:36,179

with that

1866

01:23:41,149 --> 01:23:39,420

so that's one that's still up there

1867

01:23:43,310 --> 01:23:41,159

um you know I get

1868

01:23:44,990 --> 01:23:43,320

so many I get inundated with so many

1869

01:23:45,770 --> 01:23:45,000

things

1870

01:23:48,830 --> 01:23:45,780

um

1871

01:23:52,490 --> 01:23:48,840

it's hard to think out yeah

1872

01:23:53,390 --> 01:23:52,500

it's hard to pick out ones but uh

1873

01:23:57,470 --> 01:23:53,400

um

1874

01:23:59,930 --> 01:23:57,480

one one that it's always struck my uh or

1875

01:24:01,910 --> 01:23:59,940

peaked my curiosity but I've never had

1876

01:24:05,030 --> 01:24:01,920

the chance to delve into it any further

1877

01:24:07,790 --> 01:24:05,040

is I think it's called the high cliff uh

1878

01:24:11,149 --> 01:24:07,800

video where the fella comes up behind a

1879

01:24:14,630 --> 01:24:11,159

Sasquatch that's tearing open uh uh yes

1880

01:24:16,189 --> 01:24:14,640

a cavity in a cypress tree and then it

1881

01:24:18,229 --> 01:24:16,199

stands up and you see it looks like

1882

01:24:20,450 --> 01:24:18,239

you're looking at the back of the head

1883

01:24:22,669 --> 01:24:20,460

and shoulders of a gorilla

1884

01:24:24,290 --> 01:24:22,679

and then it stands up on these long legs

1885

01:24:25,850 --> 01:24:24,300

so you get this you know from the waist

1886

01:24:27,530 --> 01:24:25,860

up it looks like a gorilla from the

1887

01:24:29,390 --> 01:24:27,540

waist down suddenly hear these long

1888

01:24:31,630 --> 01:24:29,400

hairy legs and the guy freaks out and

1889

01:24:35,930 --> 01:24:31,640

runs away

1890

01:24:39,229 --> 01:24:35,940

I understand but that's one I've always

1891

01:24:42,290 --> 01:24:39,239

wanted apparently the owner is asking

1892

01:24:45,290 --> 01:24:42,300

the very steep licensing fee so it has

1893

01:24:49,070 --> 01:24:45,300

not been subjected to further analysis

1894

01:24:52,130 --> 01:24:49,080

on documentaries or TV shows and so you

1895

01:24:54,530 --> 01:24:52,140

know that's one step in uh I think

1896

01:24:56,750 --> 01:24:54,540

finger thinker may have broken it down

1897

01:24:59,810 --> 01:24:56,760

at some point

1898

01:25:01,090 --> 01:24:59,820

um favorably uh if nothing else the

1899

01:25:04,070 --> 01:25:01,100

scale

1900

01:25:07,610 --> 01:25:04,080

uh would suggest something that's really

1901

01:25:11,149 --> 01:25:07,620

quite large based on the size of the of

1902

01:25:12,410 --> 01:25:11,159

the Cypress trunk that he's working on

1903

01:25:14,630 --> 01:25:12,420

there

1904

01:25:16,010 --> 01:25:14,640

that video is scary man because you're

1905

01:25:17,450 --> 01:25:16,020

like I need to get up out of here

1906

01:25:21,410 --> 01:25:17,460

because it's like there's an anger

1907

01:25:24,830 --> 01:25:21,420

associated with it all right

1908

01:25:26,450 --> 01:25:24,840

um let's go with uh Cami goodbyes uh Tim

1909

01:25:28,189 --> 01:25:26,460

since you're a cabbie today you can say

1910

01:25:30,229 --> 01:25:28,199

goodbye to Dr Jeff first

1911

01:25:31,370 --> 01:25:30,239

all right well Dr Jeff I actually I

1912

01:25:33,530 --> 01:25:31,380

wanna I wanna

1913

01:25:35,810 --> 01:25:33,540

suggest for the audience you know make

1914

01:25:39,590 --> 01:25:35,820

sure you go to the relicaminoid inquiry

1915

01:25:42,050 --> 01:25:39,600

yes uh got it if you haven't read yet Dr

1916

01:25:44,330 --> 01:25:42,060

Jeff's book it's it's it's it's a must

1917

01:25:46,430 --> 01:25:44,340

whether whatever you feel you believe

1918

01:25:49,070 --> 01:25:46,440

after you read it it's up to you but you

1919

01:25:50,270 --> 01:25:49,080

got to start there so and I just hey I

1920

01:25:52,130 --> 01:25:50,280

appreciate everything you do for the

1921

01:25:54,470 --> 01:25:52,140

community Dr Jeff and we'll we'll chat

1922

01:25:55,610 --> 01:25:54,480

with you real soon okay very good thank

1923

01:25:58,310 --> 01:25:55,620

you

1924

01:26:00,770 --> 01:25:58,320

Debs

1925

01:26:03,530 --> 01:26:00,780

I just wanted to say thank you so much

1926

01:26:06,290 --> 01:26:03,540

for bringing science into this topic we

1927

01:26:08,930 --> 01:26:06,300

hope more scientists will come on board

1928

01:26:11,629 --> 01:26:08,940

um with all of these topics and continue

1929

01:26:14,030 --> 01:26:11,639

to apply the scientific method and

1930

01:26:17,750 --> 01:26:14,040

credibility to these topics that are

1931

01:26:19,330 --> 01:26:17,760

touching everybody so much thanks

1932

01:26:23,450 --> 01:26:19,340

appreciate that

1933

01:26:26,330 --> 01:26:23,460

money uh yeah Dr Meldrum it is uh

1934

01:26:29,450 --> 01:26:26,340

refreshing to see your enthusiasm uh

1935

01:26:31,910 --> 01:26:29,460

still going strong for this topic and

1936

01:26:34,370 --> 01:26:31,920

nearly three decades right so it's a

1937

01:26:36,530 --> 01:26:34,380

absolutely incredible I could listen to

1938

01:26:38,090 --> 01:26:36,540

you talk about this all day long I wish

1939

01:26:40,490 --> 01:26:38,100

I were in one of your classes I bet it

1940

01:26:42,350 --> 01:26:40,500

would be fascinating so uh thank you for

1941

01:26:44,209 --> 01:26:42,360

uh spending some time with us and and

1942

01:26:46,189 --> 01:26:44,219

educating us on this tonight it's been

1943

01:26:48,350 --> 01:26:46,199

really really amazing and we look

1944

01:26:50,570 --> 01:26:48,360

forward to the next book well good

1945

01:26:52,189 --> 01:26:50,580

thanks Nathan it's not too late he might

1946

01:26:54,890 --> 01:26:52,199

have some openings next semester so

1947

01:26:58,250 --> 01:26:56,090

yes

1948

01:27:00,229 --> 01:26:58,260

just from North Carolina

1949

01:27:02,629 --> 01:27:00,239

um yeah I was going to say Legend meat

1950

01:27:04,910 --> 01:27:02,639

science is the book and it was also a

1951

01:27:07,610 --> 01:27:04,920

documentary which I've yet to see was in

1952

01:27:09,709 --> 01:27:07,620

association with uh Doug hi check who's

1953

01:27:12,410 --> 01:27:09,719

going to be a very he's going to be

1954

01:27:13,850 --> 01:27:12,420

coming up soon I think in August on uh

1955

01:27:16,010 --> 01:27:13,860

cab as well we're looking forward to

1956

01:27:18,590 --> 01:27:16,020

that and so there's going to be a second

1957

01:27:20,390 --> 01:27:18,600

documentary uh is what you're talking

1958

01:27:24,169 --> 01:27:20,400

about that was green lid am I correct

1959

01:27:27,290 --> 01:27:24,179

yes yes he's begun filming and so it'll

1960

01:27:31,310 --> 01:27:27,300

be it'll be interesting to extend we've

1961

01:27:32,770 --> 01:27:31,320

now been what 17 17 plus years well my

1962

01:27:36,709 --> 01:27:32,780

book came out in

1963

01:27:40,370 --> 01:27:36,719

2006. so things that have developed as

1964

01:27:43,850 --> 01:27:40,380

well as new lines of evidence new uh new

1965

01:27:47,149 --> 01:27:43,860

inquiry but also extending kind of the

1966

01:27:48,950 --> 01:27:47,159

threads of um of evidence from the first

1967

01:27:51,770 --> 01:27:48,960

edition

1968

01:27:53,090 --> 01:27:51,780

before hey Jeff before we go before I

1969

01:27:54,290 --> 01:27:53,100

there's one more thing I want to ask

1970

01:27:56,390 --> 01:27:54,300

real quick

1971

01:27:58,610 --> 01:27:56,400

um if you were to characterize your

1972

01:28:02,149 --> 01:27:58,620

whole experience out there in the

1973

01:28:04,669 --> 01:28:02,159

Canadian uh Rockies with uh with uh Todd

1974

01:28:06,830 --> 01:28:04,679

Standing uh that experience could you

1975

01:28:08,810 --> 01:28:06,840

just characterize that real quick well

1976

01:28:12,830 --> 01:28:08,820

it was a real positive experience you

1977

01:28:15,950 --> 01:28:12,840

know I went with an open mind and uh as

1978

01:28:17,629 --> 01:28:15,960

his guest his at his invitation and I

1979

01:28:19,970 --> 01:28:17,639

thought this would be a great chance to

1980

01:28:23,149 --> 01:28:19,980

see that part of the country and and get

1981

01:28:25,370 --> 01:28:23,159

to know him as well as look more closely

1982

01:28:29,209 --> 01:28:25,380

um I didn't wasn't afforded as much time

1983

01:28:31,250 --> 01:28:29,219

to really delve into his evidence uh the

1984

01:28:33,649 --> 01:28:31,260

the videographic evidence the

1985

01:28:36,110 --> 01:28:33,659

photographic evidence uh as I would have

1986

01:28:38,390 --> 01:28:36,120

liked to have but the four or five days

1987

01:28:40,910 --> 01:28:38,400

I spent in the field with him were were

1988

01:28:44,149 --> 01:28:40,920

really amazing and uh you know we hiked

1989

01:28:46,010 --> 01:28:44,159

out all over the place and saw footprint

1990

01:28:48,290 --> 01:28:46,020

saw 13 and a half inch 14 inch

1991

01:28:50,870 --> 01:28:48,300

footprints in the Moss we had baits

1992

01:28:53,629 --> 01:28:50,880

taken then we had Camp visited I mean

1993

01:28:55,129 --> 01:28:53,639

all those experiences were they unfolded

1994

01:28:59,270 --> 01:28:55,139

as you see it on the video he did a good

1995

01:29:00,830 --> 01:28:59,280

job he's stuck to the facts and uh uh

1996

01:29:02,390 --> 01:29:00,840

you know sometimes he shoots himself in

1997

01:29:04,010 --> 01:29:02,400

the foot a little bit he's His Own Worst

1998

01:29:07,250 --> 01:29:04,020

Enemy because he's he's almost too

1999

01:29:08,930 --> 01:29:07,260

bombastic sure uh and I try to get him

2000

01:29:13,250 --> 01:29:08,940

to focus I try to get him to realize

2001

01:29:15,709 --> 01:29:13,260

that he needs to make his case not not

2002

01:29:18,410 --> 01:29:15,719

try to sell it look because it comes

2003

01:29:21,770 --> 01:29:18,420

across like he's trying to bamboozle and

2004

01:29:24,590 --> 01:29:21,780

uh and you know get one by and

2005

01:29:27,490 --> 01:29:24,600

um I don't know I I have serious

2006

01:29:30,229 --> 01:29:27,500

reservations about some of the

2007

01:29:32,689 --> 01:29:30,239

photographic evidence

2008

01:29:35,270 --> 01:29:32,699

um it's I must say it's not what I

2009

01:29:36,890 --> 01:29:35,280

expect you know when you're when you've

2010

01:29:39,350 --> 01:29:36,900

got the Patterson gimlin film and it

2011

01:29:40,550 --> 01:29:39,360

seems so consistent with and there's

2012

01:29:42,290 --> 01:29:40,560

there's some of his things that he

2013

01:29:46,850 --> 01:29:42,300

portrays but you know the close-up

2014

01:29:50,709 --> 01:29:46,860

facials especially the first two are

2015

01:29:54,169 --> 01:29:50,719

are seem and very anomalous

2016

01:29:56,209 --> 01:29:54,179

you don't seem you know right what I

2017

01:29:58,310 --> 01:29:56,219

would expect and but on the other hand

2018

01:30:00,530 --> 01:29:58,320

some of the criticism this is you know I

2019

01:30:02,689 --> 01:30:00,540

always try to because some of the

2020

01:30:05,990 --> 01:30:02,699

Christians that were were weighed are

2021

01:30:08,270 --> 01:30:06,000

leveled rather against it were kind of

2022

01:30:12,229 --> 01:30:08,280

baseless and it was very easy to find

2023

01:30:15,830 --> 01:30:12,239

counter examples that supported the

2024

01:30:18,950 --> 01:30:15,840

image rather than detracted from it and

2025

01:30:22,010 --> 01:30:18,960

um so you know there were some some

2026

01:30:24,310 --> 01:30:22,020

things yeah anyway yeah it's hard to

2027

01:30:26,870 --> 01:30:24,320

make a short give a short answer

2028

01:30:29,750 --> 01:30:26,880

tendency to ramble a little bit you know

2029

01:30:31,669 --> 01:30:29,760

I I we appreciate it we we learned a lot

2030

01:30:33,350 --> 01:30:31,679

and we would love to have you back on

2031

01:30:35,629 --> 01:30:33,360

again because I certainly have more

2032

01:30:37,970 --> 01:30:35,639

questions about the things that really

2033

01:30:40,310 --> 01:30:37,980

Intrigue you uh Beyond just the the

2034

01:30:43,490 --> 01:30:40,320

actual part of that that have to do with

2035

01:30:45,229 --> 01:30:43,500

uh your area of expertise but to just ex

2036

01:30:47,270 --> 01:30:45,239

uh that your knowledge of different

2037

01:30:49,850 --> 01:30:47,280

narratives writ large and things that

2038

01:30:52,070 --> 01:30:49,860

that you've come to know and learn

2039

01:30:55,850 --> 01:30:52,080

um so thank you very much on behalf of

2040

01:30:57,530 --> 01:30:55,860

everybody here Tim Deb Nathan this is DJ

2041

01:31:00,350 --> 01:30:57,540

and calling all beings thank you Dr

2042

01:31:02,510 --> 01:31:00,360

Meldrum we're saying peace out one love

2043

01:31:04,129 --> 01:31:02,520

we'll see you down the road and as

2044

01:31:05,990 --> 01:31:04,139

always we wonder what's up around the

2045

01:31:06,950 --> 01:31:06,000

bend yep