

The Skeptic Zone
Show 291 - 16 May 2014



Rex Gilroy - Mike Hall

1
00:00:23,109 --> 00:00:09,190
welcome to the skeptic zone the podcast

2
00:00:27,109 --> 00:00:25,109
hello and welcome to the skeptic zone

3
00:00:29,750 --> 00:00:27,119
for the 16th of may

4
00:00:32,470 --> 00:00:29,760
2014 richard saunders here with you with

5
00:00:33,910 --> 00:00:32,480
episode 291

6
00:00:37,510 --> 00:00:33,920
and don't forget you can follow the

7
00:00:39,110 --> 00:00:37,520
skeptic zone on twitter at skepticzone

8
00:00:41,830 --> 00:00:39,120
coming up on this week's show we have

9
00:00:44,389 --> 00:00:41,840
more from maynard's spooky action and

10
00:00:46,709 --> 00:00:44,399
what spooky action it is

11
00:00:48,950 --> 00:00:46,719
from maitland jail where maynard and i

12
00:00:51,270 --> 00:00:48,960
attended parakon the paranormal

13
00:00:53,510 --> 00:00:51,280

convention just last week this week and

14

00:00:55,590 --> 00:00:53,520

yes you can say it's a bit unusual for a

15

00:00:56,389 --> 00:00:55,600

skeptical podcast

16

00:00:58,950 --> 00:00:56,399

but

17

00:01:00,630 --> 00:00:58,960

however this week maynard speaks to what

18

00:01:03,110 --> 00:01:00,640

many regard

19

00:01:05,670 --> 00:01:03,120

as australia's foremost

20

00:01:08,070 --> 00:01:05,680

yowie hunter and for those of you who

21

00:01:09,590 --> 00:01:08,080

don't know yowie is the australian

22

00:01:11,510 --> 00:01:09,600

equivalent of

23

00:01:14,550 --> 00:01:11,520

bigfoot

24

00:01:16,469 --> 00:01:14,560

rex gilroy rex gilroy lives in the blue

25

00:01:19,830 --> 00:01:16,479

mountains just west of sydney and for

26
00:01:22,789 --> 00:01:19,840
years and years and years he's been um

27
00:01:25,990 --> 00:01:22,799
claiming to have lots of evidence for

28
00:01:27,910 --> 00:01:26,000
odd homonyms and things running about

29
00:01:30,469 --> 00:01:27,920
here's a very large collection of those

30
00:01:32,870 --> 00:01:30,479
plaster cast footprints you see on

31
00:01:35,109 --> 00:01:32,880
paranormal documentaries let's hear what

32
00:01:38,710 --> 00:01:35,119
rex gilroy has to say to maynard about

33
00:01:40,230 --> 00:01:38,720
strange creatures in australia i think

34
00:01:41,590 --> 00:01:40,240
i think you'll find this particularly

35
00:01:44,230 --> 00:01:41,600
interesting especially if you're

36
00:01:46,149 --> 00:01:44,240
interested in cryptozoology and strange

37
00:01:48,230 --> 00:01:46,159
creatures and things like that

38
00:01:49,670 --> 00:01:48,240

and if you're interested in bigfoots if

39

00:01:51,990 --> 00:01:49,680

you're living in north america i think

40

00:01:54,069 --> 00:01:52,000

you'll find this interview an

41

00:01:57,109 --> 00:01:54,079

interesting look into the mindset of a

42

00:01:58,789 --> 00:01:57,119

uh a yowie hunter that's followed by an

43

00:02:01,510 --> 00:01:58,799

interview with mark wahlbank from new

44

00:02:03,830 --> 00:02:01,520

zealand who is well more or less along

45

00:02:05,030 --> 00:02:03,840

the same lines looking for strange

46

00:02:07,270 --> 00:02:05,040

creatures

47

00:02:10,150 --> 00:02:07,280

and finally maynard talks to ben hansen

48

00:02:13,670 --> 00:02:10,160

from the tv show which i must admit i

49

00:02:16,150 --> 00:02:13,680

haven't caught up with yet fact or fake

50

00:02:19,430 --> 00:02:16,160

who was also flown out here to take part

51
00:02:20,790 --> 00:02:19,440
in the para normal convention following

52
00:02:22,630 --> 00:02:20,800
that it's a week in science from our

53
00:02:25,270 --> 00:02:22,640
friends at the royal institution of

54
00:02:27,750 --> 00:02:25,280
australia this week dr paul willis

55
00:02:30,390 --> 00:02:27,760
looking at fossils then to round off the

56
00:02:31,589 --> 00:02:30,400
show another report from qed in

57
00:02:33,670 --> 00:02:31,599
manchester

58
00:02:35,030 --> 00:02:33,680
the great uh convention which i wish i

59
00:02:39,270 --> 00:02:35,040
could have been to this year but never

60
00:02:41,670 --> 00:02:39,280
mind iran segev chats with mike hall

61
00:02:43,750 --> 00:02:41,680
from skeptics with a k podcast and i

62
00:02:46,070 --> 00:02:43,760
know many skeptic zone listeners do

63
00:02:48,150 --> 00:02:46,080

listen to skeptics with a k

64

00:02:50,710 --> 00:02:48,160

a couple of notes before we get stuck

65

00:02:53,430 --> 00:02:50,720

into the show our friends at the science

66

00:02:55,830 --> 00:02:53,440

on top podcast well they're about to

67

00:02:57,750 --> 00:02:55,840

celebrate their 150th

68

00:03:01,110 --> 00:02:57,760

episode they're going to be doing so

69

00:03:02,630 --> 00:03:01,120

with a live broadcast the live show

70

00:03:04,470 --> 00:03:02,640

i guess you don't really broadcast a

71

00:03:06,869 --> 00:03:04,480

podcast you broadcast the podcast i

72

00:03:10,229 --> 00:03:06,879

don't know it's a live show saturday the

73

00:03:11,670 --> 00:03:10,239

31st of may at the state library of

74

00:03:14,390 --> 00:03:11,680

victoria

75

00:03:18,390 --> 00:03:14,400

for more information go to

76

00:03:21,750 --> 00:03:19,350

live

77

00:03:23,589 --> 00:03:21,760

tickets are twenty five dollars but

78

00:03:26,070 --> 00:03:23,599

you can get a five dollar discount by

79

00:03:27,270 --> 00:03:26,080

entering the promo code

80

00:03:29,430 --> 00:03:27,280

skeptic

81

00:03:32,550 --> 00:03:29,440

spelt with a c or a k and

82

00:03:33,830 --> 00:03:32,560

congratulations to the science on top

83

00:03:36,070 --> 00:03:33,840

podcast

84

00:03:38,550 --> 00:03:36,080

also for those of you in sydney there's

85

00:03:40,630 --> 00:03:38,560

still time for you to get your

86

00:03:42,390 --> 00:03:40,640

dinner tickets for next week's uh

87

00:03:43,910 --> 00:03:42,400

skeptics dinner

88

00:03:46,070 --> 00:03:43,920

where we're going to be hearing all

89

00:03:49,710 --> 00:03:46,080

about insects that want to do horrible

90

00:03:52,229 --> 00:03:49,720

things to you more details at

91

00:03:54,070 --> 00:03:52,239

www.skeptics.com while you're there you

92

00:03:56,309 --> 00:03:54,080

can check out details of the upcoming

93

00:03:59,190 --> 00:03:56,319

national convention here in sydney at

94

00:04:01,110 --> 00:03:59,200

the end of november with special guests

95

00:04:03,670 --> 00:04:01,120

the skeptic's guide to the universe

96

00:04:06,070 --> 00:04:03,680

george sharab dick smith dr rachey will

97

00:04:07,750 --> 00:04:06,080

be there and many more and finally i

98

00:04:10,309 --> 00:04:07,760

wonder if you might help out a friend of

99

00:04:11,830 --> 00:04:10,319

mine allison smith who i met many years

100

00:04:14,789 --> 00:04:11,840

ago at the amazing meeting but i've

101
00:04:16,710 --> 00:04:14,799
known about it for some time because she

102
00:04:18,430 --> 00:04:16,720
she at one stage was running a wonderful

103
00:04:21,909 --> 00:04:18,440
site called sapps

104
00:04:24,230 --> 00:04:21,919
s-a-p-s which was a sort of an answer to

105
00:04:27,510 --> 00:04:24,240
taps the paranormal show she ran saps

106
00:04:30,150 --> 00:04:27,520
the website about really investigating

107
00:04:31,909 --> 00:04:30,160
the investigators who investigate ghosts

108
00:04:34,230 --> 00:04:31,919
if you follow me

109
00:04:35,909 --> 00:04:34,240
anyway anyway allison's done something

110
00:04:38,710 --> 00:04:35,919
very interesting she's put together sort

111
00:04:39,590 --> 00:04:38,720
of a fan video for doctor who a show

112
00:04:41,909 --> 00:04:39,600
that

113
00:04:45,110 --> 00:04:41,919

well many of us enjoy it's called the

114

00:04:47,510 --> 00:04:45,120

time run it's a fun video concerning the

115

00:04:48,950 --> 00:04:47,520

10th doctor david tennant anyway she put

116

00:04:51,270 --> 00:04:48,960

this online

117

00:04:52,790 --> 00:04:51,280

a doctor who convention in the uk saw it

118

00:04:55,590 --> 00:04:52,800

and they were so excited about it they

119

00:04:58,310 --> 00:04:55,600

want her to appear at their convention

120

00:05:00,469 --> 00:04:58,320

so she can present the video wow how

121

00:05:03,030 --> 00:05:00,479

flattering is that but she needs your

122

00:05:04,870 --> 00:05:03,040

help if you'd like to help get allison

123

00:05:07,590 --> 00:05:04,880

over to the uk to attend a doctor who

124

00:05:09,830 --> 00:05:07,600

convention make her dream come true

125

00:05:13,110 --> 00:05:09,840

follow the links on the skeptic's own

126

00:05:16,070 --> 00:05:14,469

if you google

127

00:05:17,510 --> 00:05:16,080

the time run

128

00:05:19,590 --> 00:05:17,520

doctor who you should be able to find

129

00:05:22,390 --> 00:05:19,600

that video it's a great video she set up

130

00:05:24,150 --> 00:05:22,400

an indiegogo campaign let me have a look

131

00:05:26,710 --> 00:05:24,160

her goal is less than three thousand

132

00:05:28,550 --> 00:05:26,720

dollars so if you feel like chipping in

133

00:05:30,310 --> 00:05:28,560

go for it but right now i'm going to

134

00:05:37,430 --> 00:05:30,320

give fred the cat a little scratch

135

00:05:43,270 --> 00:05:40,230

there you are fred he's a nice cat

136

00:05:45,830 --> 00:05:43,280

run downstairs have a look for the uh um

137

00:05:47,350 --> 00:05:45,840

the cheddar cheese cheddar cheese

138

00:05:49,590 --> 00:05:47,360

on um

139

00:05:52,230 --> 00:05:49,600

sourdough toast

140

00:05:54,230 --> 00:05:52,240

grilled under the oven

141

00:05:56,150 --> 00:05:54,240

and i like to sprinkle i like to

142

00:06:00,150 --> 00:05:56,160

sprinkle a couple of chili flakes on top

143

00:06:03,189 --> 00:06:01,270

yeah

144

00:06:05,590 --> 00:06:03,199

and then i might

145

00:06:21,749 --> 00:06:05,600

while i'm doing that i hope you enjoy

146

00:06:29,749 --> 00:06:25,909

here's maynard's spooky action

147

00:06:33,830 --> 00:06:31,350

of course it's not very often you get to

148

00:06:36,870 --> 00:06:33,840

meet a legend in the cryptozoology field

149

00:06:38,550 --> 00:06:36,880

here such as rex but uh but please fill

150

00:06:40,550 --> 00:06:38,560

into the listeners who you are and and

151
00:06:41,670 --> 00:06:40,560
why you are such a well-known figure in

152
00:06:45,590 --> 00:06:41,680
the community

153
00:06:48,150 --> 00:06:45,600
oh i'm rex garroy or rex the yowie man

154
00:06:50,309 --> 00:06:48,160
i'm known as the father of cryptozoology

155
00:06:53,510 --> 00:06:50,319
and relic commonology in australia which

156
00:06:55,590 --> 00:06:53,520
i founded when i was 14 years old

157
00:06:57,749 --> 00:06:55,600
and back at liverpool boys high school i

158
00:06:59,510 --> 00:06:57,759
remember that in the school library i

159
00:07:02,710 --> 00:06:59,520
collected all the information i could on

160
00:07:04,469 --> 00:07:02,720
mystery creatures and that set me off

161
00:07:06,550 --> 00:07:04,479
and here i am

162
00:07:09,670 --> 00:07:06,560
recently turned 70 and i have no

163
00:07:11,909 --> 00:07:09,680

intention of retiring retiring thank you

164

00:07:14,150 --> 00:07:11,919

and you say zoology which is the correct

165

00:07:17,670 --> 00:07:14,160

pronunciation that's it zoology

166

00:07:19,830 --> 00:07:17,680

cryptozoology that is uh creatures

167

00:07:22,870 --> 00:07:19,840

unknown to science or thought long

168

00:07:24,230 --> 00:07:22,880

extinct that may still be with us

169

00:07:25,990 --> 00:07:24,240

well you're well known for your interest

170

00:07:27,029 --> 00:07:26,000

in the australian ones internationally

171

00:07:29,589 --> 00:07:27,039

what do you think is the most

172

00:07:31,510 --> 00:07:29,599

international internationally famous one

173

00:07:33,350 --> 00:07:31,520

well of course everybody's heard of the

174

00:07:34,469 --> 00:07:33,360

yeti

175

00:07:37,909 --> 00:07:34,479

and

176
00:07:41,830 --> 00:07:37,919
i believe it could be a

177
00:07:43,550 --> 00:07:41,840
living relative of gigantopithecus and

178
00:07:46,070 --> 00:07:43,560
there's people that want to link

179
00:07:48,629 --> 00:07:46,080
gigantopithecus with bigfoot but

180
00:07:51,110 --> 00:07:48,639
bigfoot's footprints look quite more

181
00:07:53,270 --> 00:07:51,120
human than ape and

182
00:07:55,029 --> 00:07:53,280
parallel our yowie

183
00:07:56,070 --> 00:07:55,039
footprints and

184
00:07:59,670 --> 00:07:56,080
and

185
00:08:03,029 --> 00:07:59,680
so

186
00:08:06,309 --> 00:08:03,039
uh it's certain that our um

187
00:08:08,790 --> 00:08:06,319
our yowie uh has a relationship with

188
00:08:10,309 --> 00:08:08,800

bigfoot uh i believe actually from

189

00:08:13,510 --> 00:08:10,319

fossil footprints

190

00:08:14,309 --> 00:08:13,520

uh homo erectus uh is the culprit and

191

00:08:17,270 --> 00:08:14,319

that

192

00:08:19,189 --> 00:08:17,280

these creatures are living homo erectus

193

00:08:21,029 --> 00:08:19,199

has there been recent sightings we can

194

00:08:22,790 --> 00:08:21,039

point to here in our area

195

00:08:24,790 --> 00:08:22,800

oh yes in the last five years there's

196

00:08:28,070 --> 00:08:24,800

been several

197

00:08:29,350 --> 00:08:28,080

yowie sightings up in the back blocks and

198

00:08:32,550 --> 00:08:29,360

uh

199

00:08:33,829 --> 00:08:32,560

behind mount royal range for example

200

00:08:38,550 --> 00:08:33,839

and uh

201
00:08:40,790 --> 00:08:38,560
i've got stories going back oh the 1840s

202
00:08:42,709 --> 00:08:40,800
and there's also the

203
00:08:45,110 --> 00:08:42,719
is anything any closer in the hunt or

204
00:08:46,550 --> 00:08:45,120
any in the lower hunter or or any in

205
00:08:49,190 --> 00:08:46,560
this area or does it mainly be around

206
00:08:51,269 --> 00:08:49,200
your blue mountains uh no there's been

207
00:08:53,829 --> 00:08:51,279
sightings around here but uh at the

208
00:08:55,110 --> 00:08:53,839
moment i'm planning to get up into the

209
00:08:57,350 --> 00:08:55,120
back blocks

210
00:08:59,670 --> 00:08:57,360
on monday to investigate an area where

211
00:09:02,949 --> 00:08:59,680
there was a tasmanian tiger scene i've

212
00:09:06,230 --> 00:09:02,959
seen a thylacine at ketumba

213
00:09:09,590 --> 00:09:06,240

not katimba blackheath in 1972 so i'm

214

00:09:11,110 --> 00:09:09,600

quite convinced they're still around

215

00:09:12,710 --> 00:09:11,120

how did they ever stray up this far i

216

00:09:14,230 --> 00:09:12,720

thought they were only that they died

217

00:09:16,790 --> 00:09:14,240

out in the mainland even before they

218

00:09:19,829 --> 00:09:16,800

died out in tasmania that's the official

219

00:09:21,750 --> 00:09:19,839

record but there's uh stories throughout

220

00:09:24,230 --> 00:09:21,760

a wide area of the

221

00:09:25,910 --> 00:09:24,240

eastern australian mountain range

222

00:09:27,829 --> 00:09:25,920

ranges and

223

00:09:30,230 --> 00:09:27,839

across the gulf country there's

224

00:09:32,230 --> 00:09:30,240

aboriginal rock art

225

00:09:34,150 --> 00:09:32,240

found even up into the kimberley showing

226

00:09:37,670 --> 00:09:34,160

them and there's evidence that there was

227

00:09:40,070 --> 00:09:37,680

a small population there uh still alive

228

00:09:42,870 --> 00:09:40,080

some 60 years ago and that scientists

229

00:09:44,870 --> 00:09:42,880

wouldn't act on the information and said

230

00:09:47,030 --> 00:09:44,880

it was nonsense yeah other people had

231

00:09:50,630 --> 00:09:47,040

mistaken it and then someone found a

232

00:09:52,790 --> 00:09:50,640

mummified specimen you know in a cave

233

00:09:55,190 --> 00:09:52,800

and they realize how wrong they'd been

234

00:09:57,750 --> 00:09:55,200

they had a chance to probably save it or

235

00:10:00,230 --> 00:09:57,760

whatever but i'm

236

00:10:02,470 --> 00:10:00,240

i'm interested in the new genetics

237

00:10:05,509 --> 00:10:02,480

research that promises

238

00:10:07,670 --> 00:10:05,519

uh the future regeneration of some of

239

00:10:09,190 --> 00:10:07,680

our uh

240

00:10:12,150 --> 00:10:09,200

deceased

241

00:10:14,710 --> 00:10:12,160

extinct so-called uh creatures there's

242

00:10:16,630 --> 00:10:14,720

not only marsupials but there's birds to

243

00:10:19,110 --> 00:10:16,640

consider who knows what's ahead in

244

00:10:21,430 --> 00:10:19,120

science but what i'm trying to make

245

00:10:24,470 --> 00:10:21,440

people aware of is that the australian

246

00:10:26,389 --> 00:10:24,480

bush is so vast that and inaccessible in

247

00:10:29,190 --> 00:10:26,399

many cases that anything could live

248

00:10:31,350 --> 00:10:29,200

there and i've spent my whole life

249

00:10:34,230 --> 00:10:31,360

tramping into that sort of country and

250

00:10:36,870 --> 00:10:34,240

that's why i find so many things so so

251

00:10:38,870 --> 00:10:36,880

many footprints for example of one

252

00:10:41,269 --> 00:10:38,880

creature or another because i get into

253

00:10:42,790 --> 00:10:41,279

places that no one else would dare

254

00:10:43,990 --> 00:10:42,800

that's what i was just about to ask you

255

00:10:46,150 --> 00:10:44,000

but you've answered the question there

256

00:10:48,310 --> 00:10:46,160

is that what keeps you fired up at 70

257

00:10:49,509 --> 00:10:48,320

and it's basically exploration of the

258

00:10:51,670 --> 00:10:49,519

unknown isn't it

259

00:10:53,750 --> 00:10:51,680

it's exciting it's life's blood for me

260

00:10:56,069 --> 00:10:53,760

and while i keep on doing it i'll stay

261

00:10:57,670 --> 00:10:56,079

alive i'm sure i'm not going to die in

262

00:11:00,389 --> 00:10:57,680

any hospital bed

263

00:11:02,389 --> 00:11:00,399

i intend to be out there in the washroom

264

00:11:04,470 --> 00:11:02,399

if the end can be dramatic enough i live

265

00:11:05,750 --> 00:11:04,480

on in legend

266

00:11:07,190 --> 00:11:05,760

and you've always got

267

00:11:09,269 --> 00:11:07,200

you've always got a bit of a you look

268

00:11:10,550 --> 00:11:09,279

down at the scientists in the academic

269

00:11:13,030 --> 00:11:10,560

community because

270

00:11:15,590 --> 00:11:13,040

you see them as naysayers don't you yes

271

00:11:17,750 --> 00:11:15,600

uh they stick to the textbook too much

272

00:11:19,670 --> 00:11:17,760

many of them are experts well desk

273

00:11:20,870 --> 00:11:19,680

experts because they hardly ever leave

274

00:11:24,310 --> 00:11:20,880

their desks

275

00:11:27,350 --> 00:11:24,320

and they poopoo the claims of many an

276

00:11:30,949 --> 00:11:27,360

amateur who are more experienced than

277

00:11:32,870 --> 00:11:30,959

they in field ex field research and this

278

00:11:34,710 --> 00:11:32,880

is it you've got to get out in the field

279

00:11:37,269 --> 00:11:34,720

you can't do your research in the

280

00:11:39,750 --> 00:11:37,279

laboratory all the time and although it

281

00:11:41,110 --> 00:11:39,760

is hard to get hard evidence sometimes

282

00:11:42,710 --> 00:11:41,120

isn't it because sometimes you can get

283

00:11:44,150 --> 00:11:42,720

some scat droppings that people can

284

00:11:45,990 --> 00:11:44,160

argue about they're going to argue about

285

00:11:47,670 --> 00:11:46,000

the footprints it can get difficult to

286

00:11:50,389 --> 00:11:47,680

get solid evidence

287

00:11:52,630 --> 00:11:50,399

yes it is and there's no

288

00:11:55,350 --> 00:11:52,640

physical proof yet of the yowie for

289

00:11:57,990 --> 00:11:55,360

example there's a lot of

290

00:12:02,150 --> 00:11:58,000

footprints very encouraging and i've

291

00:12:05,030 --> 00:12:02,160

been able to filter out authentic tracks

292

00:12:07,190 --> 00:12:05,040

and and of course i found some myself

293

00:12:09,350 --> 00:12:07,200

my talk tomorrow

294

00:12:10,389 --> 00:12:09,360

will

295

00:12:12,470 --> 00:12:10,399

be on the

296

00:12:14,150 --> 00:12:12,480

uh well i've called it the owie mystery

297

00:12:17,030 --> 00:12:14,160

solved at last

298

00:12:18,790 --> 00:12:17,040

and it comes from my new book the yowie

299

00:12:20,150 --> 00:12:18,800

mystery living fossil from the dream

300

00:12:22,829 --> 00:12:20,160

time which we're launching at this

301
00:12:26,069 --> 00:12:22,839
conference it's on sale now and

302
00:12:29,430 --> 00:12:26,079
it's it's the work of a lifetime put

303
00:12:31,910 --> 00:12:29,440
into this all the best footprints and

304
00:12:34,550 --> 00:12:31,920
fossil tracks that show identical

305
00:12:35,350 --> 00:12:34,560
features to modern day castes

306
00:12:37,590 --> 00:12:35,360
and

307
00:12:40,710 --> 00:12:37,600
i've been able to show that there are

308
00:12:42,550 --> 00:12:40,720
three forms of yowie there's the pygmy

309
00:12:45,269 --> 00:12:42,560
type and

310
00:12:47,030 --> 00:12:45,279
certainly there's the modern human

311
00:12:49,509 --> 00:12:47,040
height form of

312
00:12:52,629 --> 00:12:49,519
classical homo erectus who is a

313
00:12:55,269 --> 00:12:52,639

tool-making fire-making homeland and of

314

00:12:58,069 --> 00:12:55,279

course there's the giant yowie or three

315

00:13:00,389 --> 00:12:58,079

meter or so tall creature now all these

316

00:13:01,910 --> 00:13:00,399

homo erectus type beings their

317

00:13:03,590 --> 00:13:01,920

footprints are all much the same

318

00:13:06,710 --> 00:13:03,600

whatever their size

319

00:13:09,910 --> 00:13:06,720

and they all wore animal hyde garments

320

00:13:11,110 --> 00:13:09,920

hence the name hairy man or yowie to the

321

00:13:13,269 --> 00:13:11,120

aborigines

322

00:13:15,590 --> 00:13:13,279

in this part of the country at least the

323

00:13:18,069 --> 00:13:15,600

name varies all over australia with the

324

00:13:20,310 --> 00:13:18,079

different dialects but they all meant

325

00:13:22,550 --> 00:13:20,320

the same thing hairy man hairy people

326

00:13:24,790 --> 00:13:22,560

hairy one and

327

00:13:26,069 --> 00:13:24,800

it was because they wore animal hide

328

00:13:28,150 --> 00:13:26,079

garments

329

00:13:31,190 --> 00:13:28,160

cloaks like the aboriginal people did in

330

00:13:33,190 --> 00:13:31,200

the old times and i have freshly

331

00:13:35,590 --> 00:13:33,200

manufactured stone tools that i found

332

00:13:37,990 --> 00:13:35,600

out in the in the forest out in the

333

00:13:40,949 --> 00:13:38,000

middle of the barangarang valley uh up

334

00:13:44,150 --> 00:13:40,959

in central queensland and uh even up in

335

00:13:45,990 --> 00:13:44,160

cape york and these artifacts

336

00:13:48,550 --> 00:13:46,000

parallel

337

00:13:49,829 --> 00:13:48,560

ancient ones found in java of homo

338

00:13:55,430 --> 00:13:49,839

erectus

339

00:13:57,910 --> 00:13:55,440

the main one but there's a fourth one he

340

00:14:00,389 --> 00:13:57,920

doesn't make tools or clothing he

341

00:14:02,470 --> 00:14:00,399

doesn't make fire it's a very ape-like

342

00:14:04,629 --> 00:14:02,480

creature and

343

00:14:07,110 --> 00:14:04,639

lives on berries herbivorous and

344

00:14:09,590 --> 00:14:07,120

insectivorous food generally and the

345

00:14:11,470 --> 00:14:09,600

footprints left by it match

346

00:14:13,670 --> 00:14:11,480

fossil footprints we believe are

347

00:14:17,030 --> 00:14:13,680

australopithecine i do have a two

348

00:14:18,949 --> 00:14:17,040

million year old skull from

349

00:14:21,750 --> 00:14:18,959

from the narrow neck peninsula at

350

00:14:23,990 --> 00:14:21,760

catoomba found in 2005

351

00:14:25,509 --> 00:14:24,000

and it came from

352

00:14:27,750 --> 00:14:25,519

mid

353

00:14:30,230 --> 00:14:27,760

deposits between the end of the ply

354

00:14:32,150 --> 00:14:30,240

scene beginning of the pleison making it

355

00:14:34,470 --> 00:14:32,160

two million years old i am the

356

00:14:36,790 --> 00:14:34,480

discoverer of australopithecus beyond

357

00:14:39,750 --> 00:14:36,800

africa but the

358

00:14:42,389 --> 00:14:39,760

there's other evidence to show that the

359

00:14:44,470 --> 00:14:42,399

the australopithecines did leave africa

360

00:14:46,710 --> 00:14:44,480

they came up through the near east

361

00:14:48,310 --> 00:14:46,720

there's fragments of bone

362

00:14:50,389 --> 00:14:48,320

and whatever they're still being argued

363

00:14:52,949 --> 00:14:50,399

by scientists but the hobbits for

364

00:14:54,949 --> 00:14:52,959

example are a mystery and they're of

365

00:14:58,629 --> 00:14:54,959

course from flores which was part of the

366

00:15:00,949 --> 00:14:58,639

big land shelf which included indonesia

367

00:15:03,110 --> 00:15:00,959

and whatever uh linked to australia back

368

00:15:04,230 --> 00:15:03,120

in the ice age and

369

00:15:07,110 --> 00:15:04,240

the

370

00:15:10,069 --> 00:15:07,120

uh evidence i believe is that

371

00:15:11,470 --> 00:15:10,079

from the scientific discoveries of the

372

00:15:13,189 --> 00:15:11,480

of the

373

00:15:15,990 --> 00:15:13,199

homophoresiensis

374

00:15:18,550 --> 00:15:16,000

the hobbits their feet

375

00:15:19,910 --> 00:15:18,560

have australopithecine-bound

376

00:15:21,990 --> 00:15:19,920

structure

377

00:15:23,750 --> 00:15:22,000

and this australopithecine yet

378

00:15:26,710 --> 00:15:23,760

homoerectus

379

00:15:28,790 --> 00:15:26,720

features about their skulls and other

380

00:15:30,949 --> 00:15:28,800

parts of their body

381

00:15:33,110 --> 00:15:30,959

back to archaic homo sapiens what are

382

00:15:36,230 --> 00:15:33,120

they it means that three different

383

00:15:39,350 --> 00:15:36,240

populations came together between there

384

00:15:41,990 --> 00:15:39,360

and northern australia and i believe

385

00:15:44,069 --> 00:15:42,000

that they interbred and that i think it

386

00:15:47,189 --> 00:15:44,079

might have been that it started in

387

00:15:49,509 --> 00:15:47,199

northern australia rather than outside

388

00:15:51,590 --> 00:15:49,519

look you've obviously got these theories

389

00:15:53,030 --> 00:15:51,600

and you've got it in your book and

390

00:15:55,189 --> 00:15:53,040

you've seen the scene change since

391

00:15:57,110 --> 00:15:55,199

you're a young lad at school to now or

392

00:15:58,629 --> 00:15:57,120

what have you found the interest in the

393

00:16:00,310 --> 00:15:58,639

people of australia and the paranormal

394

00:16:02,389 --> 00:16:00,320

has it changed how do they approach it

395

00:16:04,550 --> 00:16:02,399

yeah people are being more open-minded

396

00:16:05,990 --> 00:16:04,560

now there was a time when journalists

397

00:16:07,990 --> 00:16:06,000

used to

398

00:16:10,389 --> 00:16:08,000

make funny comments about me i stopped

399

00:16:14,069 --> 00:16:10,399

going on live television because of it

400

00:16:17,749 --> 00:16:14,079

i'm not a fool i'm a serious researcher

401
00:16:20,150 --> 00:16:17,759
and i have lived long enough to see

402
00:16:21,030 --> 00:16:20,160
people more open about things they've

403
00:16:25,670 --> 00:16:21,040
seen

404
00:16:29,829 --> 00:16:25,680
and the whole climate's changing now but

405
00:16:33,030 --> 00:16:29,839
i have fought hard to make the road

406
00:16:35,110 --> 00:16:33,040
clear for future young researchers like

407
00:16:37,749 --> 00:16:35,120
me with the enthusiasm to get out there

408
00:16:41,030 --> 00:16:37,759
and look and not care damn what other

409
00:16:43,430 --> 00:16:41,040
people say the fact is that he who dares

410
00:16:45,670 --> 00:16:43,440
wins and those that get out there in the

411
00:16:47,269 --> 00:16:45,680
bush are sure to find something but i

412
00:16:48,949 --> 00:16:47,279
look it's easy enough for you to get on

413
00:16:50,150 --> 00:16:48,959

facebook and poo poo stuff but you

414

00:16:51,350 --> 00:16:50,160

should actually get out in the bush and

415

00:16:53,670 --> 00:16:51,360

do a bit of looking around before you

416

00:16:56,069 --> 00:16:53,680

start poo pooing stuff i have fossil

417

00:16:58,550 --> 00:16:56,079

evidence to prove to prove the fossil

418

00:17:02,069 --> 00:16:58,560

foundations of the yaoi mystery to show

419

00:17:03,430 --> 00:17:02,079

there were four different creatures

420

00:17:04,949 --> 00:17:03,440

that were

421

00:17:09,909 --> 00:17:04,959

a composite

422

00:17:12,150 --> 00:17:09,919

aborigines just heaped them all together

423

00:17:13,909 --> 00:17:12,160

they called any non-aboriginal race that

424

00:17:16,949 --> 00:17:13,919

was here before them

425

00:17:19,029 --> 00:17:16,959

hairy people yeah he's in this area

426

00:17:20,870 --> 00:17:19,039

there was the yahoo there was other

427

00:17:23,189 --> 00:17:20,880

names for it in various parts of the

428

00:17:24,710 --> 00:17:23,199

country but they all mean the same thing

429

00:17:27,110 --> 00:17:24,720

but they just heaped them all together

430

00:17:29,750 --> 00:17:27,120

into one composite creature they weren't

431

00:17:32,230 --> 00:17:29,760

there was at least four of them and as a

432

00:17:35,110 --> 00:17:32,240

subspecies of them too more than one

433

00:17:38,310 --> 00:17:35,120

giant race more than one form of homo

434

00:17:41,909 --> 00:17:38,320

erectus regional variations really

435

00:17:44,390 --> 00:17:41,919

in australia and i have now found

436

00:17:46,310 --> 00:17:44,400

conclusively as far as i'm concerned

437

00:17:47,430 --> 00:17:46,320

that there is a link in the foot

438

00:17:49,590 --> 00:17:47,440

structure

439

00:17:52,549 --> 00:17:49,600

and the footprints of

440

00:17:54,710 --> 00:17:52,559

the aoe with those creatures in malaysia

441

00:17:58,870 --> 00:17:54,720

all the way up to

442

00:18:01,590 --> 00:17:58,880

borneo and vietnam cambodia china russia

443

00:18:03,430 --> 00:18:01,600

and the americas where you have bigfoot

444

00:18:05,830 --> 00:18:03,440

and his tracks are identical to our

445

00:18:08,950 --> 00:18:05,840

yowie and we mustn't forget the maui

446

00:18:11,830 --> 00:18:08,960

howe in new zealand who like the puri

447

00:18:14,150 --> 00:18:11,840

puri the heavy hairy devil people of the

448

00:18:16,789 --> 00:18:14,160

um the

449

00:18:19,190 --> 00:18:16,799

solomon islands are all linked there was

450

00:18:21,110 --> 00:18:19,200

a land shelf that linked new zealand to

451

00:18:23,110 --> 00:18:21,120

the solomons and new guinea and

452

00:18:25,029 --> 00:18:23,120

australia which continued on up through

453

00:18:27,669 --> 00:18:25,039

southeast asia

454

00:18:29,190 --> 00:18:27,679

to mainland asia before the sea levels

455

00:18:31,510 --> 00:18:29,200

raised at the end of the ice age and

456

00:18:33,750 --> 00:18:31,520

created the iron chains and cut us all

457

00:18:35,350 --> 00:18:33,760

off well thank you very much for your

458

00:18:37,270 --> 00:18:35,360

time today rex and i've got to say look

459

00:18:39,190 --> 00:18:37,280

it's been great to meet the legend in

460

00:18:41,110 --> 00:18:39,200

the cryptozoology field here in

461

00:18:42,390 --> 00:18:41,120

australia and have a great time here and

462

00:18:44,789 --> 00:18:42,400

i think we should see some more of this

463

00:18:47,430 --> 00:18:44,799

sort of thing that's it my

464

00:18:51,190 --> 00:18:47,440

collection is sitting up there i've got

465

00:18:52,630 --> 00:18:51,200

all my fossil homing skulls i've got

466

00:18:54,789 --> 00:18:52,640

all the evidence

467

00:18:57,909 --> 00:18:54,799

that i've been speaking of for years the

468

00:19:00,070 --> 00:18:57,919

giant stone tools and other things

469

00:19:01,830 --> 00:19:00,080

and i've tried to get scientists to look

470

00:19:03,350 --> 00:19:01,840

at them they just will not give you the

471

00:19:04,310 --> 00:19:03,360

time of day

472

00:19:07,190 --> 00:19:04,320

you know

473

00:19:09,110 --> 00:19:07,200

the evidence is not supposed to exist

474

00:19:11,110 --> 00:19:09,120

it's not allowed to exist so it mustn't

475

00:19:13,350 --> 00:19:11,120

it's not in the textbook

476

00:19:17,909 --> 00:19:13,360

and where can we find you online rex

477

00:19:21,590 --> 00:19:19,350

will get me and there's

478

00:19:24,150 --> 00:19:21,600

mysteriousaustralia.com

479

00:19:26,630 --> 00:19:24,160

and the australian yowie research

480

00:19:28,390 --> 00:19:26,640

centre.com thank you very much sir great

481

00:19:30,070 --> 00:19:28,400

to meet you i'm always i always love

482

00:19:32,230 --> 00:19:30,080

talking about these things with anybody

483

00:19:34,549 --> 00:19:32,240

that's interesting you're a hoot

484

00:19:38,789 --> 00:19:34,559

i i welcome any phone calls or whatever

485

00:19:40,950 --> 00:19:38,799

from people i i just love you know

486

00:19:43,430 --> 00:19:40,960

distributing my knowledge as it were to

487

00:19:45,510 --> 00:19:43,440

anyone that's interested

488

00:19:47,590 --> 00:19:45,520

i i'm here with mark wahlbank who has

489

00:19:49,110 --> 00:19:47,600

come all the way from new zealand

490

00:19:50,870 --> 00:19:49,120

auckland new zealand to talk about uh

491

00:19:53,110 --> 00:19:50,880

cryptozoology and of course that is the

492

00:19:55,110 --> 00:19:53,120

big thing for is it cryptozoology or

493

00:19:56,950 --> 00:19:55,120

zoology because the second o is part of

494

00:19:59,029 --> 00:19:56,960

ology so how do you say it from the next

495

00:20:00,710 --> 00:19:59,039

let's say zoology okay yeah okay well

496

00:20:03,110 --> 00:20:00,720

we'll go with that because because

497

00:20:04,630 --> 00:20:03,120

already we're looking at like a you know

498

00:20:05,830 --> 00:20:04,640

a conspiracy of the zoologists against

499

00:20:07,669 --> 00:20:05,840

the zoologists and we don't want that

500

00:20:09,350 --> 00:20:07,679

going on that's right that's right yeah

501
00:20:11,190 --> 00:20:09,360
uh you've presented in australia before

502
00:20:12,710 --> 00:20:11,200
about uh new zealand cryptids and please

503
00:20:14,070 --> 00:20:12,720
explain to the wider audience what we

504
00:20:15,909 --> 00:20:14,080
mean when we say that

505
00:20:17,750 --> 00:20:15,919
uh as far as cryptids

506
00:20:19,750 --> 00:20:17,760
just um the cryptozoology is basically

507
00:20:22,230 --> 00:20:19,760
the study of unknown creatures creatures

508
00:20:22,950 --> 00:20:22,240
that have been seen spotted that haven't

509
00:20:25,029 --> 00:20:22,960
been

510
00:20:26,630 --> 00:20:25,039
documented yet or have or scientifically

511
00:20:29,590 --> 00:20:26,640
recognised yet

512
00:20:30,950 --> 00:20:29,600
yet people claim to see them

513
00:20:33,110 --> 00:20:30,960

they could be extinct animals that are

514

00:20:34,630 --> 00:20:33,120

still being seen today

515

00:20:36,549 --> 00:20:34,640

or they're just unknown species that

516

00:20:37,990 --> 00:20:36,559

haven't been seen before but some people

517

00:20:39,190 --> 00:20:38,000

are seeing

518

00:20:40,789 --> 00:20:39,200

themselves yeah is there an animal

519

00:20:42,630 --> 00:20:40,799

worldwide that has recently gone from

520

00:20:43,909 --> 00:20:42,640

being a cryptid one that hasn't been

521

00:20:45,110 --> 00:20:43,919

seen to actually going in the books

522

00:20:46,950 --> 00:20:45,120

officially

523

00:20:48,390 --> 00:20:46,960

oh um

524

00:20:50,470 --> 00:20:48,400

what they've been through the years like

525

00:20:51,669 --> 00:20:50,480

like in the panda the panda the the

526

00:20:52,789 --> 00:20:51,679

mountain gorillas they were all thought

527

00:20:54,870 --> 00:20:52,799

to be myth

528

00:20:57,029 --> 00:20:54,880

uh people saw them nobody believed they

529

00:20:58,870 --> 00:20:57,039

existed yet now they're recognized uh

530

00:21:01,190 --> 00:20:58,880

that was a while back but uh

531

00:21:03,029 --> 00:21:01,200

not recently no i don't think so and

532

00:21:04,630 --> 00:21:03,039

what is the hot topic in new zealand

533

00:21:06,310 --> 00:21:04,640

obviously we have the yowie here in

534

00:21:07,909 --> 00:21:06,320

australia and various animals like that

535

00:21:09,990 --> 00:21:07,919

and you seem to have a primate

536

00:21:12,710 --> 00:21:10,000

equivalent of that in new zealand

537

00:21:13,510 --> 00:21:12,720

we do we have the mojo um

538

00:21:15,029 --> 00:21:13,520

which

539

00:21:17,750 --> 00:21:15,039

is an old it's basically i guess it's a

540

00:21:19,909 --> 00:21:17,760

relative of bigfoot um it's a sort of

541

00:21:21,830 --> 00:21:19,919

hairy creature there were tribes of them

542

00:21:23,750 --> 00:21:21,840

um that used to battle with the maori in

543

00:21:26,630 --> 00:21:23,760

fact um they were quite vicious

544

00:21:28,310 --> 00:21:26,640

creatures um they've found um

545

00:21:29,430 --> 00:21:28,320

caves have been found with old tools

546

00:21:32,310 --> 00:21:29,440

bones of

547

00:21:36,789 --> 00:21:32,320

an ape-like creature um so there is

548

00:21:39,190 --> 00:21:38,149

yeah very very similar to the bigfoot

549

00:21:41,110 --> 00:21:39,200

yet they were quite short they were a

550

00:21:43,110 --> 00:21:41,120

lot shorter about five foot tall

551
00:21:44,630 --> 00:21:43,120
and very hairy very nasty little buggers

552
00:21:47,510 --> 00:21:44,640
um

553
00:21:49,510 --> 00:21:47,520
meat eating you know uh just nasty yeah

554
00:21:51,830 --> 00:21:49,520
and of course what is the equivalent of

555
00:21:53,270 --> 00:21:51,840
the the tasmanian tiger which which may

556
00:21:54,549 --> 00:21:53,280
still be around although no one's found

557
00:21:55,909 --> 00:21:54,559
one it's not looking good for it is

558
00:21:57,430 --> 00:21:55,919
there an extinct animal everyone's

559
00:21:59,750 --> 00:21:57,440
hoping could come back in new zealand

560
00:22:01,270 --> 00:21:59,760
yeah the mower the mower um and what is

561
00:22:02,310 --> 00:22:01,280
that that looked like a very is that a

562
00:22:03,430 --> 00:22:02,320
giant bird

563
00:22:04,390 --> 00:22:03,440

that looked pretty nice i don't know if

564

00:22:05,750 --> 00:22:04,400

you'd want that back i mean the

565

00:22:07,270 --> 00:22:05,760

tasmanian tiger is not going to take

566

00:22:09,110 --> 00:22:07,280

anybody because it's not too big but

567

00:22:10,950 --> 00:22:09,120

that bird could do some damage

568

00:22:12,470 --> 00:22:10,960

very similar to the emu

569

00:22:14,470 --> 00:22:12,480

but a lot bigger

570

00:22:16,549 --> 00:22:14,480

um a lot more robust a lot more stronger

571

00:22:19,270 --> 00:22:16,559

um and did actually you had photos of a

572

00:22:20,549 --> 00:22:19,280

preserved claw i know how large was that

573

00:22:23,430 --> 00:22:20,559

oh i think that was over a couple of

574

00:22:24,630 --> 00:22:23,440

feet long it's a huge claw and it's very

575

00:22:26,950 --> 00:22:24,640

well preserved it's probably the most

576

00:22:28,950 --> 00:22:26,960

best remnant of something that that old

577

00:22:30,789 --> 00:22:28,960

yeah wow and what's been the reaction

578

00:22:32,870 --> 00:22:30,799

here today with people oh well i was

579

00:22:34,549 --> 00:22:32,880

first on i was first on so i was i was

580

00:22:36,789 --> 00:22:34,559

testing the microphone and testing all

581

00:22:38,630 --> 00:22:36,799

the equipment unfortunately but um

582

00:22:40,470 --> 00:22:38,640

i think it's been quite positive so far

583

00:22:42,710 --> 00:22:40,480

you know i mean i'm just yeah the first

584

00:22:45,270 --> 00:22:42,720

one on for the day so yeah

585

00:22:47,750 --> 00:22:45,280

and do you think the crypto zoology as

586

00:22:49,510 --> 00:22:47,760

crypto zoology

587

00:22:50,710 --> 00:22:49,520

it cops a bit and and you know because

588

00:22:52,230 --> 00:22:50,720

people go well you know where's your

589

00:22:53,990 --> 00:22:52,240

examples and that sort of thing and by

590

00:22:56,549 --> 00:22:54,000

its very nature it's difficult to find

591

00:22:59,029 --> 00:22:56,559

examples it is a very it's um it is an

592

00:23:01,110 --> 00:22:59,039

unknown science um but then again what

593

00:23:03,029 --> 00:23:01,120

is science science is based on theory

594

00:23:04,870 --> 00:23:03,039

it's about you you make up theories to

595

00:23:06,549 --> 00:23:04,880

start with and then you just

596

00:23:09,909 --> 00:23:06,559

go out there and try and form a

597

00:23:11,270 --> 00:23:09,919

hypothesis and prove this theory so

598

00:23:12,950 --> 00:23:11,280

it's no different from science really

599

00:23:14,230 --> 00:23:12,960

well it's a bit difficult to get a peer

600

00:23:15,430 --> 00:23:14,240

review

601
00:23:17,270 --> 00:23:15,440
because i i don't think you can get a

602
00:23:19,270 --> 00:23:17,280
degree in it unfortunately not really no

603
00:23:20,630 --> 00:23:19,280
but it is similar in fact you know we

604
00:23:23,190 --> 00:23:20,640
all form our theories then we have to go

605
00:23:24,630 --> 00:23:23,200
out there and try and look for answers

606
00:23:27,029 --> 00:23:24,640
so i guess it is i guess it is very

607
00:23:28,470 --> 00:23:27,039
similar to science but and and in in the

608
00:23:30,230 --> 00:23:28,480
uh the shaky isles where you where is

609
00:23:31,590 --> 00:23:30,240
your favorite place to go looking for

610
00:23:32,549 --> 00:23:31,600
new zealand cryptids do you yourself

611
00:23:35,590 --> 00:23:32,559
when you get out there and get your

612
00:23:37,750 --> 00:23:35,600
boots dirty um i like the you're wearing

613
00:23:39,909 --> 00:23:37,760

um which is uh by hawke's bay there and

614

00:23:42,390 --> 00:23:39,919

then the north island it's a great place

615

00:23:43,669 --> 00:23:42,400

um cory mendel ranges is always a good

616

00:23:45,510 --> 00:23:43,679

blast to get out there for a few days

617

00:23:47,510 --> 00:23:45,520

and wander the bushes okay it's very

618

00:23:49,750 --> 00:23:47,520

dense bush there so we've got our own

619

00:23:51,590 --> 00:23:49,760

areas okay um what's it like uh

620

00:23:53,590 --> 00:23:51,600

nocturnally there in those areas is it a

621

00:23:54,950 --> 00:23:53,600

bit spooky or is it just like anywhere

622

00:23:56,549 --> 00:23:54,960

else in the world has i got a special

623

00:23:57,990 --> 00:23:56,559

quality in new zealand

624

00:24:00,230 --> 00:23:58,000

i wouldn't say so no pretty much the

625

00:24:01,750 --> 00:24:00,240

same as every other bush you know um

626

00:24:03,110 --> 00:24:01,760

we will have there's nature out there

627

00:24:04,789 --> 00:24:03,120

you're out there with nature and then in

628

00:24:07,350 --> 00:24:04,799

the night time it's uh it's always going

629

00:24:10,070 --> 00:24:07,360

to be a bit bit creepy and uh best case

630

00:24:11,350 --> 00:24:10,080

mark warbank a cryptid of interest

631

00:24:13,350 --> 00:24:11,360

anywhere in the world what's the one you

632

00:24:14,870 --> 00:24:13,360

want them to find and go aha we told you

633

00:24:16,470 --> 00:24:14,880

it was there all the time definitely

634

00:24:17,750 --> 00:24:16,480

bigfoot i've always been into bigfoot

635

00:24:20,630 --> 00:24:17,760

right from the beginning right since i

636

00:24:22,070 --> 00:24:20,640

was a kid so uh yeah bigfoot definitely

637

00:24:23,669 --> 00:24:22,080

that's great he's out there he's out

638

00:24:25,350 --> 00:24:23,679

there and if people want to check up

639

00:24:26,870 --> 00:24:25,360

with you online start a debate find out

640

00:24:28,390 --> 00:24:26,880

all the information where can they go uh

641

00:24:30,710 --> 00:24:28,400

they can go to my website it's like it's

642

00:24:32,390 --> 00:24:30,720

where i'm from horns auckland um it's a

643

00:24:34,789 --> 00:24:32,400

paranormal because i'm a paranormal

644

00:24:37,029 --> 00:24:34,799

researcher uh mainly so haunted

645

00:24:38,789 --> 00:24:37,039

auckland.com that's our website uh we're

646

00:24:40,149 --> 00:24:38,799

also on facebook so you can go there and

647

00:24:42,470 --> 00:24:40,159

we talk about everything from cryptids

648

00:24:43,990 --> 00:24:42,480

to ufos to ghosts to

649

00:24:46,070 --> 00:24:44,000

everything we cover the whole paranormal

650

00:24:47,669 --> 00:24:46,080

spectrum now because it's been raised

651
00:24:50,310 --> 00:24:47,679
earlier there where do you sit on the

652
00:24:52,149 --> 00:24:50,320
evp i'm always a bit because it can be

653
00:24:54,070 --> 00:24:52,159
interrupted by radio and other white

654
00:24:55,669 --> 00:24:54,080
noise and you can have audio paradoli do

655
00:24:57,590 --> 00:24:55,679
you think it it's it's it's too

656
00:24:59,190 --> 00:24:57,600
subjective to actually use or not i

657
00:25:00,789 --> 00:24:59,200
haven't seen a lot of evidence myself to

658
00:25:03,029 --> 00:25:00,799
be honest um

659
00:25:05,269 --> 00:25:03,039
yeah i'm a bit on the fence with evps

660
00:25:07,590 --> 00:25:05,279
we've had more luck uh using other

661
00:25:09,669 --> 00:25:07,600
meters and gadgets that make sound that

662
00:25:10,950 --> 00:25:09,679
pick up electrical fields and things

663
00:25:12,950 --> 00:25:10,960

like that and we usually try and use

664

00:25:14,549 --> 00:25:12,960

those for communication purposes and

665

00:25:17,190 --> 00:25:14,559

we've had more luck uh whether it be

666

00:25:18,789 --> 00:25:17,200

coincidence or just an ongoing series of

667

00:25:21,029 --> 00:25:18,799

just amazing things that happen that we

668

00:25:22,710 --> 00:25:21,039

can't explain um

669

00:25:25,350 --> 00:25:22,720

yeah we found other gadgets more more

670

00:25:27,190 --> 00:25:25,360

useful than evp because evp seems a

671

00:25:28,870 --> 00:25:27,200

little bit too easy like like when you

672

00:25:31,750 --> 00:25:28,880

die you're in another realm and you can

673

00:25:33,190 --> 00:25:31,760

only uh manipulate a very small fraction

674

00:25:35,830 --> 00:25:33,200

of the electromagnetic spectrum that

675

00:25:37,669 --> 00:25:35,840

relates to tape heads or cd lasers or

676

00:25:38,789 --> 00:25:37,679

something yeah yeah i totally agree but

677

00:25:41,269 --> 00:25:38,799

then again it's another field we don't

678

00:25:42,789 --> 00:25:41,279

fully understand so it's all just theory

679

00:25:44,310 --> 00:25:42,799

um

680

00:25:45,750 --> 00:25:44,320

i mean you can be skeptical about it you

681

00:25:47,269 --> 00:25:45,760

can be positive about it but it's like

682

00:25:48,870 --> 00:25:47,279

either way we don't know

683

00:25:50,390 --> 00:25:48,880

so it's a matter of just looking trying

684

00:25:51,990 --> 00:25:50,400

experimenting and just just seeing what

685

00:25:54,470 --> 00:25:52,000

you come what you can come up with think

686

00:25:57,190 --> 00:25:54,480

sometimes things work out and sometimes

687

00:25:58,789 --> 00:25:57,200

it's explainable um

688

00:26:00,549 --> 00:25:58,799

look mark warbuck thank you for your

689

00:26:02,870 --> 00:26:00,559

time no worry thanks a lot

690

00:26:04,710 --> 00:26:02,880

look i tell you what i was a huge fan of

691

00:26:06,310 --> 00:26:04,720

fact or faked on every level and i'm

692

00:26:08,390 --> 00:26:06,320

with the man that dressed up in the suit

693

00:26:10,310 --> 00:26:08,400

and ran around uh you were the fall guy

694

00:26:12,950 --> 00:26:10,320

from any of the physical gags in this no

695

00:26:14,630 --> 00:26:12,960

sorry not gags stunts in the show ben

696

00:26:16,630 --> 00:26:14,640

hansen welcome to australia well thank

697

00:26:18,710 --> 00:26:16,640

you thank you yeah it's good to be back

698

00:26:20,789 --> 00:26:18,720

i i lived here for a year uh i went to

699

00:26:24,149 --> 00:26:20,799

uni up in brisbane and then we filmed a

700

00:26:25,669 --> 00:26:24,159

um an episode of a mermaid yeah there's

701

00:26:27,110 --> 00:26:25,679

a thing about your show you'd go you'd

702

00:26:28,710 --> 00:26:27,120

be sitting around in a room which looked

703

00:26:30,870 --> 00:26:28,720

a bit like a stoner room i gotta say

704

00:26:33,350 --> 00:26:30,880

watching these videos and you'd go let's

705

00:26:35,830 --> 00:26:33,360

go to alcapulco let's go to spain let's

706

00:26:37,990 --> 00:26:35,840

go to australia good budget well we

707

00:26:39,269 --> 00:26:38,000

tried to find places that were tropical

708

00:26:40,950 --> 00:26:39,279

you know

709

00:26:43,029 --> 00:26:40,960

if there was a ghost in hawaii we're

710

00:26:44,470 --> 00:26:43,039

there you know i didn't see you in snow

711

00:26:46,230 --> 00:26:44,480

very often

712

00:26:47,990 --> 00:26:46,240

no no it's always good when you have a

713

00:26:50,070 --> 00:26:48,000

lot of a supernatural going on in a

714

00:26:51,750 --> 00:26:50,080

beautiful place and that you know if we

715

00:26:53,909 --> 00:26:51,760

had if it took a mermaid to bring us to

716

00:26:55,350 --> 00:26:53,919

australia that we came for the mermaid

717

00:26:56,630 --> 00:26:55,360

and like i said you end up doing a lot

718

00:26:58,230 --> 00:26:56,640

of the physical stunts you'd be running

719

00:26:59,669 --> 00:26:58,240

around in a suit or taking a fall or

720

00:27:01,990 --> 00:26:59,679

doing is that because you were the most

721

00:27:03,190 --> 00:27:02,000

buff one there or you just out draw the

722

00:27:05,190 --> 00:27:03,200

short straw

723

00:27:07,590 --> 00:27:05,200

well um austin was kind of our go-to guy

724

00:27:09,269 --> 00:27:07,600

for most of that i did do some of it i i

725

00:27:11,990 --> 00:27:09,279

dressed up like

726

00:27:13,990 --> 00:27:12,000

a bigfoot once and um i was really kind

727

00:27:16,789 --> 00:27:14,000

of afraid because we're in kentucky

728

00:27:18,950 --> 00:27:16,799

and if you wander off too far into the

729

00:27:19,590 --> 00:27:18,960

woods you've got

730

00:27:21,830 --> 00:27:19,600

gonna hunters

731

00:27:23,510 --> 00:27:21,840

rifles and they would love to put a big

732

00:27:25,990 --> 00:27:23,520

foot up on their wall

733

00:27:27,990 --> 00:27:26,000

so where did factor factor sit in the uh

734

00:27:29,750 --> 00:27:28,000

in the great diatribe we have of the

735

00:27:32,710 --> 00:27:29,760

paranormal you did two seasons i believe

736

00:27:34,870 --> 00:27:32,720

is that correct uh they called it 2.75

737

00:27:37,750 --> 00:27:34,880

it was really three yeah

738

00:27:39,590 --> 00:27:37,760

yeah um we came along just about a time

739

00:27:41,110 --> 00:27:39,600

when when uh the genre was kind of

740

00:27:42,789 --> 00:27:41,120

getting saturated

741

00:27:44,390 --> 00:27:42,799

and the production company that met up

742

00:27:46,230 --> 00:27:44,400

with me i said well look this is what

743

00:27:48,070 --> 00:27:46,240

i'm seeing on tv and this is what's not

744

00:27:50,149 --> 00:27:48,080

there and what we weren't seeing is a

745

00:27:51,990 --> 00:27:50,159

lot of people looking at the primary

746

00:27:53,190 --> 00:27:52,000

evidence that's already at hand and

747

00:27:54,310 --> 00:27:53,200

testing it

748

00:27:56,230 --> 00:27:54,320

you know and so that's kind of how the

749

00:27:57,750 --> 00:27:56,240

concept came about and and how did you

750

00:27:59,590 --> 00:27:57,760

go with the with the skeptics in the

751

00:28:01,990 --> 00:27:59,600

scientific community

752

00:28:03,830 --> 00:28:02,000

um you know we we got a lot more

753

00:28:06,149 --> 00:28:03,840

positive feedback from them than most of

754

00:28:07,750 --> 00:28:06,159

the other shows well uh look two words

755

00:28:09,110 --> 00:28:07,760

chasing ufos

756

00:28:11,110 --> 00:28:09,120

that's actually more than one word

757

00:28:12,070 --> 00:28:11,120

really but uh yeah it's so funny because

758

00:28:14,070 --> 00:28:12,080

people don't

759

00:28:16,389 --> 00:28:14,080

put you in a bikini and you can race up

760

00:28:17,669 --> 00:28:16,399

and down the mountain all day yeah yeah

761

00:28:19,830 --> 00:28:17,679

so many people have said that here and

762

00:28:21,750 --> 00:28:19,840

it's the exact same in the states um i

763

00:28:22,549 --> 00:28:21,760

have all those guys are my friends and

764

00:28:24,389 --> 00:28:22,559

they're

765

00:28:26,149 --> 00:28:24,399

all embarrassed in the way that that

766

00:28:27,830 --> 00:28:26,159

went look it ma'am because the guy

767

00:28:29,510 --> 00:28:27,840

involved with it fox made two very

768

00:28:31,350 --> 00:28:29,520

interesting movies um i know what i saw

769

00:28:32,549 --> 00:28:31,360

and out of the blue and yeah and he's

770

00:28:34,070 --> 00:28:32,559

embarrassed but

771

00:28:35,669 --> 00:28:34,080

can you just what happened there did

772

00:28:37,510 --> 00:28:35,679

were they trying to make something a bit

773

00:28:39,430 --> 00:28:37,520

more credible and the the channel went

774

00:28:41,350 --> 00:28:39,440

no we want entertainment yeah they

775

00:28:43,909 --> 00:28:41,360

pitched it uh to them as it was gonna be

776
00:28:46,710 --> 00:28:43,919
a bit different and when uh when james

777
00:28:48,789 --> 00:28:46,720
and ben mcgee got into it they realized

778
00:28:50,630 --> 00:28:48,799
nat geo pushed the envelope and ping

779
00:28:51,669 --> 00:28:50,640
pong productions and i know the guys

780
00:28:53,590 --> 00:28:51,679
over there

781
00:28:56,070 --> 00:28:53,600
they were just a little too willing to

782
00:28:57,669 --> 00:28:56,080
do what the network wanted and you know

783
00:28:58,549 --> 00:28:57,679
there's only so much the audience can

784
00:28:59,909 --> 00:28:58,559
take

785
00:29:01,110 --> 00:28:59,919
but of course there is a trade-off with

786
00:29:02,789 --> 00:29:01,120
television because you've got to make it

787
00:29:04,789 --> 00:29:02,799
entertaining and you could sit all night

788
00:29:06,950 --> 00:29:04,799

in a haunted house and nothing can

789

00:29:08,389 --> 00:29:06,960

happen because even if there are some

790

00:29:09,669 --> 00:29:08,399

paranormal things it might not happen

791

00:29:11,510 --> 00:29:09,679

that night you're there with a crew at

792

00:29:14,149 --> 00:29:11,520

all the lights and everything oh exactly

793

00:29:15,830 --> 00:29:14,159

and we're filming uh i figured for every

794

00:29:17,830 --> 00:29:15,840

our shows are an hour long but each

795

00:29:20,470 --> 00:29:17,840

segment when you take commercials you

796

00:29:23,350 --> 00:29:20,480

know out is about 17 minutes so two 17

797

00:29:26,149 --> 00:29:23,360

minute segments we film about 70 hours

798

00:29:27,750 --> 00:29:26,159

of film just for that 17 minutes so when

799

00:29:29,190 --> 00:29:27,760

people come out and expect for things to

800

00:29:30,789 --> 00:29:29,200

be flying around you know all this

801
00:29:32,389 --> 00:29:30,799
action you got to realize we've been

802
00:29:34,389 --> 00:29:32,399
there for like four days and you're

803
00:29:36,789 --> 00:29:34,399
seeing the highlights you know it's like

804
00:29:37,830 --> 00:29:36,799
watching james bond life his his life is

805
00:29:39,750 --> 00:29:37,840
not like

806
00:29:41,909 --> 00:29:39,760
all gun chases and everything he does

807
00:29:43,510 --> 00:29:41,919
his taxes too

808
00:29:45,830 --> 00:29:43,520
and people push poo through his

809
00:29:47,590 --> 00:29:45,840
letterbox he has a tough life you know

810
00:29:49,669 --> 00:29:47,600
that's right that's right so it's a

811
00:29:50,630 --> 00:29:49,679
little bit of a misnomer but uh end of

812
00:29:52,310 --> 00:29:50,640
the day

813
00:29:53,990 --> 00:29:52,320

these things really do happen and i've

814

00:29:55,430 --> 00:29:54,000

seen a lot of crazy things and people

815

00:29:57,510 --> 00:29:55,440

ask you what are your qualifications you

816

00:29:59,990 --> 00:29:57,520

have a background in law enforcement i

817

00:30:01,830 --> 00:30:00,000

do um i don't know that that qualifies

818

00:30:04,549 --> 00:30:01,840

me to it's a ghost town but it certainly

819

00:30:05,990 --> 00:30:04,559

helps um my focus was really on

820

00:30:07,990 --> 00:30:06,000

interviewing

821

00:30:09,750 --> 00:30:08,000

because there's only so far you can get

822

00:30:11,830 --> 00:30:09,760

with a lot of the experiments that we do

823

00:30:13,669 --> 00:30:11,840

um and looking at the video

824

00:30:15,029 --> 00:30:13,679

and and by the time you've run your

825

00:30:16,950 --> 00:30:15,039

course there you gotta look at the

826
00:30:18,470 --> 00:30:16,960
people telling stories yes because often

827
00:30:20,310 --> 00:30:18,480
you'd come in at the end and go i think

828
00:30:21,669 --> 00:30:20,320
they might have been yanking the chain

829
00:30:23,750 --> 00:30:21,679
or something like that and how do you

830
00:30:25,269 --> 00:30:23,760
normally tell because they'd always run

831
00:30:26,630 --> 00:30:25,279
on the screen a visual image as if it

832
00:30:27,750 --> 00:30:26,640
had been looked across on a computer or

833
00:30:29,269 --> 00:30:27,760
something or but were you doing it with

834
00:30:31,029 --> 00:30:29,279
your ears or is there certain ways you

835
00:30:33,190 --> 00:30:31,039
can tell the waveform of a voice if

836
00:30:35,669 --> 00:30:33,200
there's stress uh we do use a technology

837
00:30:36,470 --> 00:30:35,679
called layer voice analysis um it's it's

838
00:31:57,990 --> 00:30:36,480

a

839

00:31:59,509 --> 00:31:58,000

other women uh president clinton besides

840

00:32:01,669 --> 00:31:59,519

lewinsky is the only one that we know

841

00:32:03,269 --> 00:32:01,679

about and how's that haiti charity going

842

00:32:05,029 --> 00:32:03,279

you know stuff like that

843

00:32:06,870 --> 00:32:05,039

yeah yeah yeah look have a good time

844

00:32:08,230 --> 00:32:06,880

here and what have you made of the local

845

00:32:09,430 --> 00:32:08,240

audience lately i know it's only early

846

00:32:11,269 --> 00:32:09,440

you've only just come here you haven't

847

00:32:12,630 --> 00:32:11,279

had time for the really wild action that

848

00:32:15,110 --> 00:32:12,640

gets going here at maitland late at

849

00:32:17,430 --> 00:32:15,120

night i love it i love this country it's

850

00:32:19,110 --> 00:32:17,440

like my home away from home and uh it's

851

00:32:20,630 --> 00:32:19,120

great to be back and where do you think

852

00:32:22,230 --> 00:32:20,640

you should go in australia to experience

853

00:32:23,190 --> 00:32:22,240

some paranormal where you've been where

854

00:32:24,710 --> 00:32:23,200

do you think is one place you could

855

00:32:26,789 --> 00:32:24,720

recommend that we could go in our own

856

00:32:27,909 --> 00:32:26,799

country uh well i've heard a lot believe

857

00:32:29,750 --> 00:32:27,919

it or not i have not been to the blue

858

00:32:31,509 --> 00:32:29,760

mountains yet but i have been told that

859

00:32:33,430 --> 00:32:31,519

there are hot spots there just like we

860

00:32:36,149 --> 00:32:33,440

have in the states where everything goes

861

00:32:38,470 --> 00:32:36,159

on you've got yowie's throwing things at

862

00:32:40,230 --> 00:32:38,480

you you've got you know strange aerial

863

00:32:43,110 --> 00:32:40,240

lights you've got sort of poltergeist

864

00:32:44,389 --> 00:32:43,120

activity um and and next to aboriginal

865

00:32:45,509 --> 00:32:44,399

lands like we do with our native

866

00:32:47,669 --> 00:32:45,519

americans

867

00:32:49,269 --> 00:32:47,679

you know so uh anywhere you just go

868

00:32:50,470 --> 00:32:49,279

walking out in the bush in these types

869

00:32:52,310 --> 00:32:50,480

of places you can expect something to

870

00:32:53,590 --> 00:32:52,320

happen and where can we find you online

871

00:32:56,950 --> 00:32:53,600

to find out what you're into at the

872

00:32:59,350 --> 00:32:56,960

moment uh www

873

00:33:01,430 --> 00:32:59,360

all my events everything that i'm doing

874

00:33:03,669 --> 00:33:01,440

and uh you know the the different

875

00:33:06,070 --> 00:33:03,679

projects i'm filming a new show uh with

876
00:33:07,269 --> 00:33:06,080
this uh smithsonian channel and history

877
00:33:08,789 --> 00:33:07,279
wow

878
00:33:10,470 --> 00:33:08,799
what's going to be the bent of that one

879
00:33:12,549 --> 00:33:10,480
it's a ufo documentary

880
00:33:15,110 --> 00:33:12,559
yeah yeah it's all ufos we're looking at

881
00:33:15,909 --> 00:33:15,120
some really historic cases and and new

882
00:33:17,509 --> 00:33:15,919
things and actually looking at

883
00:33:18,950 --> 00:33:17,519
government documents

884
00:33:21,269 --> 00:33:18,960
and then seeing where that trail takes

885
00:33:24,149 --> 00:33:21,279
us uh the majestic seven

886
00:33:24,870 --> 00:33:24,159
uh yeah majestic 12. um sorry the seven

887
00:33:26,950 --> 00:33:24,880
was

888
00:33:28,389 --> 00:33:26,960

they started a seven they did a movie

889

00:33:30,149 --> 00:33:28,399

they over dubbed it put some great

890

00:33:32,389 --> 00:33:30,159

soundtrack there but yeah they were the

891

00:33:33,430 --> 00:33:32,399

least popular of the the

892

00:33:35,669 --> 00:33:33,440

twelve

893

00:33:37,110 --> 00:33:35,679

great cowboy outfits

894

00:33:38,310 --> 00:33:37,120

look i've been a bugger off now now i've

895

00:33:39,590 --> 00:33:38,320

made the mistake here thank you very

896

00:33:41,029 --> 00:33:39,600

much for your time have a really good

897

00:33:54,549 --> 00:33:41,039

time in australia you're welcome thank

898

00:33:54,559 --> 00:34:01,830

on maynard.com

899

00:34:01,840 --> 00:34:05,110

hey you

900

00:34:08,790 --> 00:34:06,950

i'll pick something from my cart library

901
00:34:11,510 --> 00:34:08,800
at random pick a letter of the alphabet

902
00:34:13,750 --> 00:34:11,520
so i'll see what starts with that w

903
00:34:15,030 --> 00:34:13,760
let's find out what's in my cart library

904
00:34:16,230 --> 00:34:15,040
that starts with

905
00:34:19,030 --> 00:34:16,240
w

906
00:34:21,909 --> 00:34:19,040
transvisionvamp you're listening to

907
00:34:24,069 --> 00:34:21,919
maynard on the breakfast show jjj but

908
00:34:26,629 --> 00:34:24,079
baby i don't care this is woody and they

909
00:34:28,069 --> 00:34:26,639
mean our breakfast show it's triple j

910
00:34:29,990 --> 00:34:28,079
hi

911
00:34:32,310 --> 00:34:30,000
with a today show in the states and i

912
00:34:35,030 --> 00:34:32,320
just want to wish maynard a very happy

913
00:34:37,109 --> 00:34:35,040

100th birthday he looks like a truck hit

914

00:34:38,790 --> 00:34:37,119

him hi this is weird al yankovic and

915

00:34:41,510 --> 00:34:38,800

you're listening to sunday afternoon

916

00:34:43,349 --> 00:34:41,520

fever with maynard f sharp crabs i can't

917

00:34:45,109 --> 00:34:43,359

believe it i'm glad you've enjoyed your

918

00:34:47,430 --> 00:34:45,119

of your visit here we're in the the just

919

00:34:49,510 --> 00:34:47,440

near the scenic toilet here and as uh

920

00:34:51,190 --> 00:34:49,520

richard as you know i am i am interested

921

00:34:53,030 --> 00:34:51,200

in alien abductions and as you can see

922

00:34:54,869 --> 00:34:53,040

in my backyard it's nighttime at the

923

00:34:56,310 --> 00:34:54,879

moment it's a bit chilly but i've got

924

00:34:57,910 --> 00:34:56,320

the landing lights out here and i'm

925

00:34:59,430 --> 00:34:57,920

hoping that these can only be seen from

926
00:35:01,190 --> 00:34:59,440
the air you can't see them from the road

927
00:35:02,950 --> 00:35:01,200
i'm hoping aliens will one day come to

928
00:35:04,630 --> 00:35:02,960
visit me it's quite amazing you know

929
00:35:06,069 --> 00:35:04,640
you've got all these lights spread out

930
00:35:07,990 --> 00:35:06,079
through your garden and you can't see

931
00:35:09,670 --> 00:35:08,000
them from the road and the first thing i

932
00:35:11,990 --> 00:35:09,680
thought of when we opened the gate was

933
00:35:13,670 --> 00:35:12,000
close encounters of the third kind

934
00:35:15,750 --> 00:35:13,680
and they have those special landing

935
00:35:18,069 --> 00:35:15,760
lights for those ufos way back in the

936
00:35:19,750 --> 00:35:18,079
1970s yep i'm going to be that funky guy

937
00:35:21,270 --> 00:35:19,760
on the keyboard that gets his ears blown

938
00:35:24,550 --> 00:35:21,280

out and the glass gets blown out of the

939

00:35:24,560 --> 00:35:31,829

on maynard.com

940

00:35:31,839 --> 00:35:38,390

hey you

941

00:35:42,790 --> 00:35:41,030

welcome to a week in science from rios

942

00:35:43,510 --> 00:35:42,800

bringing you the science you need to

943

00:35:45,190 --> 00:35:43,520

know

944

00:35:46,950 --> 00:35:45,200

this week we take a look at some

945

00:35:49,190 --> 00:35:46,960

fabulous fossils that have been in the

946

00:35:53,349 --> 00:35:49,200

news it's the ultimate blast from the

947

00:35:59,270 --> 00:35:56,310

a small flying reptile or pterosaur has

948

00:36:01,670 --> 00:35:59,280

been found complete with an unlaidd egg

949

00:36:05,030 --> 00:36:01,680

named darwinopteros it lived in what is

950

00:36:07,670 --> 00:36:05,040

now china 160 million years ago and was

951
00:36:09,910 --> 00:36:07,680
first described in 2009

952
00:36:12,069 --> 00:36:09,920
since then several new specimens have

953
00:36:14,790 --> 00:36:12,079
been found including this one with a

954
00:36:17,030 --> 00:36:14,800
remarkably well preserved egg inside the

955
00:36:19,430 --> 00:36:17,040
body it appears that the animal died

956
00:36:22,069 --> 00:36:19,440
after breaking a major bone in her wing

957
00:36:24,630 --> 00:36:22,079
while still carrying her egg being

958
00:36:27,030 --> 00:36:24,640
unequivocally female this specimen

959
00:36:29,190 --> 00:36:27,040
confirms that the females had wider hips

960
00:36:33,030 --> 00:36:29,200
than the males to make way for

961
00:36:38,710 --> 00:36:36,550
another fossil from china a 520 million

962
00:36:41,190 --> 00:36:38,720
year old arthropod called fuchsia

963
00:36:43,990 --> 00:36:41,200

pretense has given us a glimpse of the

964

00:36:46,710 --> 00:36:44,000

oldest nervous and circulatory systems

965

00:36:48,870 --> 00:36:46,720

ever seen the creatures organ systems

966

00:36:51,589 --> 00:36:48,880

are surprisingly sophisticated for such

967

00:36:54,069 --> 00:36:51,599

an ancient animal almost as complex as

968

00:36:57,349 --> 00:36:54,079

in today's arthropods such as scorpions

969

00:36:59,430 --> 00:36:57,359

and horseshoe crabs about 50 of these 75

970

00:37:02,069 --> 00:36:59,440

millimeter long creatures were trapped

971

00:37:04,950 --> 00:37:02,079

by an ancient storm under many layers of

972

00:37:07,829 --> 00:37:04,960

fine dust in a seabed that once covered

973

00:37:11,910 --> 00:37:07,839

part of china and now four fast facts

974

00:37:16,230 --> 00:37:14,069

a paleontologist in the u.s has found

975

00:37:19,030 --> 00:37:16,240

the second half of a fossilized bone

976

00:37:23,190 --> 00:37:19,040

from a giant sea turtle the first half

977

00:37:25,430 --> 00:37:23,200

was found more than 160 years ago a 520

978

00:37:27,910 --> 00:37:25,440

million year old giant invertebrate used

979

00:37:30,069 --> 00:37:27,920

bizarre facial appendages to filter food

980

00:37:33,349 --> 00:37:30,079

from the ocean much like modern baleen

981

00:37:35,349 --> 00:37:33,359

whales a 66 million year old dinosaur

982

00:37:37,670 --> 00:37:35,359

from north and south dakota has been

983

00:37:41,030 --> 00:37:37,680

described as a three metre long chicken

984

00:37:43,190 --> 00:37:41,040

from hell and a study of dna from moths

985

00:37:45,510 --> 00:37:43,200

in new zealand confirms that they were

986

00:37:46,870 --> 00:37:45,520

doing all right until humans first

987

00:37:49,109 --> 00:37:46,880

appeared there

988

00:37:51,510 --> 00:37:49,119

all nine species of moa went extinct

989

00:37:56,230 --> 00:37:51,520

very soon after the arrival of the first

990

00:38:00,870 --> 00:37:58,550

that's it for this week in science for

991

00:38:02,829 --> 00:38:00,880

more information on fabulous fossils go

992

00:38:06,550 --> 00:38:02,839

to the roils website

993

00:38:09,910 --> 00:38:06,560

rius dot org dot a-u follow us on

994

00:38:12,470 --> 00:38:09,920

twitter at r-i-a-u-s and like us on

995

00:38:20,069 --> 00:38:12,480

facebook i'm paul willis and we'll catch

996

00:38:23,510 --> 00:38:22,069

hey guys this is jay from the skeptic's

997

00:38:25,190 --> 00:38:23,520

guide to the universe whoa whoa whoa

998

00:38:26,710 --> 00:38:25,200

hold on whoa

999

00:38:28,390 --> 00:38:26,720

everybody knows i'm the only reason to

1000

00:38:29,829 --> 00:38:28,400

listen to the freaking show right i mean

1001
00:38:33,910 --> 00:38:29,839
if it was up to me the show would start

1002
00:38:37,349 --> 00:38:35,109
yeah boy

1003
00:38:39,430 --> 00:38:37,359
well rebecca would hate that probably

1004
00:38:40,790 --> 00:38:39,440
but i mean i'd rock that listen to our

1005
00:38:42,550 --> 00:38:40,800
show and you can learn about cool stuff

1006
00:38:44,550 --> 00:38:42,560
like a technological singularity which

1007
00:38:45,910 --> 00:38:44,560
is someday when technology progresses so

1008
00:38:47,430 --> 00:38:45,920
fast that it would make the industrial

1009
00:38:49,190 --> 00:38:47,440
revolution look like a kid's science

1010
00:39:08,550 --> 00:38:49,200
project anyway come check us out at

1011
00:39:17,670 --> 00:39:11,349
let's all take this with a grain of salt

1012
00:39:22,550 --> 00:39:20,150
i have with me here mike hall who's the

1013
00:39:24,790 --> 00:39:22,560

host of skeptics with a k

1014

00:39:27,349 --> 00:39:24,800

and um until recently was one of the

1015

00:39:29,589 --> 00:39:27,359

organizers of qed but had to withdraw is

1016

00:39:32,470 --> 00:39:29,599

that correct i did yeah yeah sadly

1017

00:39:35,430 --> 00:39:32,480

unfortunately i had to withdraw it's uh

1018

00:39:38,150 --> 00:39:35,440

a sad story as last year my uh my mom

1019

00:39:39,990 --> 00:39:38,160

was diagnosed with cancer and so trying

1020

00:39:41,190 --> 00:39:40,000

to manage that and managing problems

1021

00:39:43,670 --> 00:39:41,200

that i was having at work at the same

1022

00:39:44,630 --> 00:39:43,680

time i thought i i need to reduce the

1023

00:39:45,990 --> 00:39:44,640

level of

1024

00:39:47,750 --> 00:39:46,000

stress in my life at the moment

1025

00:39:49,109 --> 00:39:47,760

unfortunate qed was a source of optional

1026

00:39:50,790 --> 00:39:49,119

stress that i had to drop out it was a

1027

00:39:52,710 --> 00:39:50,800

very difficult decision to make and it

1028

00:39:54,790 --> 00:39:52,720

was involved until about mid january but

1029

00:39:57,430 --> 00:39:54,800

then i had to i had to drop it sadly and

1030

00:39:59,349 --> 00:39:57,440

i'm i'm kind of regretting that decision

1031

00:39:59,990 --> 00:39:59,359

yeah well i should point out that that

1032

00:40:01,589 --> 00:40:00,000

is

1033

00:40:04,950 --> 00:40:01,599

part of the closing statements made

1034

00:40:06,870 --> 00:40:04,960

today by andy he uh emphasized that uh

1035

00:40:08,069 --> 00:40:06,880

qed is your vision and you're very much

1036

00:40:10,310 --> 00:40:08,079

modeled

1037

00:40:12,390 --> 00:40:10,320

in the image that you've tried to create

1038

00:40:15,750 --> 00:40:12,400

so um uh congratulations because it

1039

00:40:16,470 --> 00:40:15,760

really is um a fantastic conference and

1040

00:40:18,470 --> 00:40:16,480

um

1041

00:40:20,310 --> 00:40:18,480

we just talked before before i operated

1042

00:40:22,390 --> 00:40:20,320

the recorder about how the atmosphere is

1043

00:40:23,510 --> 00:40:22,400

very friendly and the

1044

00:40:26,390 --> 00:40:23,520

and the

1045

00:40:28,069 --> 00:40:26,400

basically feels very um very accepting

1046

00:40:29,670 --> 00:40:28,079

and and

1047

00:40:31,109 --> 00:40:29,680

for an organization for a conference

1048

00:40:32,710 --> 00:40:31,119

like this which is

1049

00:40:34,470 --> 00:40:32,720

at least in my opinion mostly about the

1050

00:40:36,470 --> 00:40:34,480

social interaction yeah that's that's a

1051

00:40:37,750 --> 00:40:36,480

really useful thing to do yeah it's it's

1052

00:40:39,430 --> 00:40:37,760

it's an atmosphere that we tried to

1053

00:40:41,270 --> 00:40:39,440

cultivate we've always said with with

1054

00:40:42,710 --> 00:40:41,280

qed's that we've also i've i've always

1055

00:40:44,550 --> 00:40:42,720

said and the you know the guys have

1056

00:40:46,230 --> 00:40:44,560

always said that it's um

1057

00:40:48,150 --> 00:40:46,240

uh we want to organize the kind of

1058

00:40:49,829 --> 00:40:48,160

conference that we would like to go to

1059

00:40:51,190 --> 00:40:49,839

uh and prior to being involved with

1060

00:40:53,030 --> 00:40:51,200

things like qed i used to organize

1061

00:40:54,790 --> 00:40:53,040

doctor who conventions as well and so i

1062

00:40:56,470 --> 00:40:54,800

kind of see myself i'm still really

1063

00:40:59,270 --> 00:40:56,480

organizing a doctor who convention i'm

1064

00:41:01,109 --> 00:40:59,280

just inviting uh richard dawkins instead

1065

00:41:02,710 --> 00:41:01,119

of tom baker basically although they

1066

00:41:05,990 --> 00:41:02,720

both happen to be married to lala ward

1067

00:41:08,150 --> 00:41:06,000

at some point that's just by the bike um

1068

00:41:10,230 --> 00:41:08,160

but uh yeah it's kind of we wanted to

1069

00:41:11,910 --> 00:41:10,240

invest uh to to put on the kind of

1070

00:41:13,589 --> 00:41:11,920

conference that we would like to go to

1071

00:41:15,990 --> 00:41:13,599

and so that's that's you know what we've

1072

00:41:18,150 --> 00:41:16,000

done with qed um and we

1073

00:41:21,270 --> 00:41:18,160

so we we put an emphasis on the social

1074

00:41:23,190 --> 00:41:21,280

side we put an emphasis on the uh uh you

1075

00:41:24,790 --> 00:41:23,200

know meeting new people hanging out at

1076

00:41:27,030 --> 00:41:24,800

the bar and things like when we design

1077

00:41:29,670 --> 00:41:27,040

the name badges that people wear we put

1078

00:41:31,829 --> 00:41:29,680

the um people's full name in bigger

1079

00:41:33,190 --> 00:41:31,839

letters in a stronger type so it's

1080

00:41:34,870 --> 00:41:33,200

easier to see because mostly you're

1081

00:41:36,550 --> 00:41:34,880

interested in the fact that the guy's

1082

00:41:38,710 --> 00:41:36,560

name is fred not that his surname is

1083

00:41:40,390 --> 00:41:38,720

jones you know nobody's really no one's

1084

00:41:42,550 --> 00:41:40,400

going to go to say hi mr jones you're

1085

00:41:44,790 --> 00:41:42,560

interested oh hey fred i'm and something

1086

00:41:47,030 --> 00:41:44,800

else which first time i see that is that

1087

00:41:48,950 --> 00:41:47,040

the name is actually on both sides yes

1088

00:41:51,030 --> 00:41:48,960

is that that flipping thing which people

1089

00:41:52,630 --> 00:41:51,040

do at conferences all the time it is we

1090

00:41:54,630 --> 00:41:52,640

that that's actually the first the first

1091

00:41:56,309 --> 00:41:54,640

year that we've done this is have the

1092

00:41:57,990 --> 00:41:56,319

badge two-sided it's always previously

1093

00:42:01,430 --> 00:41:58,000

been one side and the flipping thing has

1094

00:42:02,870 --> 00:42:01,440

annoyed me for for all three qed events

1095

00:42:04,390 --> 00:42:02,880

that i was involved in it was that the

1096

00:42:06,230 --> 00:42:04,400

flipping thing was really annoying and

1097

00:42:07,109 --> 00:42:06,240

so i said no we're gonna have to we're

1098

00:42:08,790 --> 00:42:07,119

gonna have to look at moving to

1099

00:42:10,470 --> 00:42:08,800

two-sided badges so it can flip and it's

1100

00:42:11,510 --> 00:42:10,480

not a problem and so we did that this

1101
00:42:12,550 --> 00:42:11,520
year and i think that's worked really

1102
00:42:14,390 --> 00:42:12,560
really well

1103
00:42:15,990 --> 00:42:14,400
um but we do get we get accused

1104
00:42:17,829 --> 00:42:16,000
sometimes at qed because we have this

1105
00:42:20,470 --> 00:42:17,839
emphasis on the social side and because

1106
00:42:22,309 --> 00:42:20,480
the the speakers that uh that we invite

1107
00:42:23,910 --> 00:42:22,319
along are um

1108
00:42:25,670 --> 00:42:23,920
uh basically that they're talking about

1109
00:42:27,349 --> 00:42:25,680
skepticism to a skeptic audience a

1110
00:42:28,710 --> 00:42:27,359
skeptic event for a skeptic audience

1111
00:42:29,990 --> 00:42:28,720
we're not trying to change anyone's mind

1112
00:42:31,670 --> 00:42:30,000
we're not trying to convert anyone to

1113
00:42:33,510 --> 00:42:31,680

anything so we do get kind of accused of

1114

00:42:36,710 --> 00:42:33,520

preaching to the choir there's a couple

1115

00:42:37,670 --> 00:42:36,720

of points that i think on that there's

1116

00:42:38,630 --> 00:42:37,680

one

1117

00:42:40,390 --> 00:42:38,640

uh

1118

00:42:43,670 --> 00:42:40,400

one thing is that i don't think we are

1119

00:42:45,670 --> 00:42:43,680

preaching to the choir i think that um

1120

00:42:47,270 --> 00:42:45,680

people like um elizabeth passani who we

1121

00:42:48,710 --> 00:42:47,280

had on stage the first time she came up

1122

00:42:51,510 --> 00:42:48,720

with some really challenging material

1123

00:42:54,710 --> 00:42:51,520

she came up with with things like um

1124

00:42:56,790 --> 00:42:54,720

actually the skeptics will will blame um

1125

00:42:58,710 --> 00:42:56,800

the pope's pronouncements on condoms for

1126

00:43:00,790 --> 00:42:58,720

the you know aids in africa

1127

00:43:02,309 --> 00:43:00,800

um and actually the data doesn't bear

1128

00:43:04,390 --> 00:43:02,319

that out it turns out that what

1129

00:43:06,390 --> 00:43:04,400

catholics do is if the pope says don't

1130

00:43:08,630 --> 00:43:06,400

use condoms well that's a justification

1131

00:43:09,670 --> 00:43:08,640

for what they didn't want to do anyway

1132

00:43:11,190 --> 00:43:09,680

and

1133

00:43:12,470 --> 00:43:11,200

they're quite happy to ignore the pope

1134

00:43:13,270 --> 00:43:12,480

when it's things that they don't agree

1135

00:43:15,109 --> 00:43:13,280

with

1136

00:43:16,950 --> 00:43:15,119

and that's what the data shows and so

1137

00:43:18,390 --> 00:43:16,960

it's she's she's basically arguing we

1138

00:43:19,750 --> 00:43:18,400

should stop going around blaming the

1139

00:43:21,270 --> 00:43:19,760

pope for the aids in africa thing

1140

00:43:22,550 --> 00:43:21,280

because it turns out it's not his fault

1141

00:43:23,910 --> 00:43:22,560

people don't want to use condoms and the

1142

00:43:26,390 --> 00:43:23,920

pope is an excuse

1143

00:43:29,030 --> 00:43:26,400

um so we do we do deliberately come in

1144

00:43:30,950 --> 00:43:29,040

and challenge people with material um uh

1145

00:43:32,710 --> 00:43:30,960

that we get from our speakers uh the

1146

00:43:34,710 --> 00:43:32,720

other thing is that i don't see a

1147

00:43:36,230 --> 00:43:34,720

problem with preaching to the choir

1148

00:43:38,309 --> 00:43:36,240

i think sometimes it's just nice to know

1149

00:43:39,990 --> 00:43:38,319

that there is a choir it's it's great to

1150

00:43:42,390 --> 00:43:40,000

feel like you're part of something to

1151
00:43:43,750 --> 00:43:42,400
feel like you know you're involved that

1152
00:43:46,710 --> 00:43:43,760
there's other people who think the way

1153
00:43:48,150 --> 00:43:46,720
that you do especially um

1154
00:43:52,069 --> 00:43:48,160
with people of a kind of skeptical

1155
00:43:54,390 --> 00:43:52,079
persuasion um prior to the advent of of

1156
00:43:56,390 --> 00:43:54,400
kind of online skepticism often you were

1157
00:43:59,190 --> 00:43:56,400
the only person who

1158
00:44:00,230 --> 00:43:59,200
thought the way that skeptics think and

1159
00:44:02,390 --> 00:44:00,240
you might thought you were only person

1160
00:44:04,630 --> 00:44:02,400
in the world who thought that way and so

1161
00:44:06,790 --> 00:44:04,640
you're used to kind of being a soloist

1162
00:44:08,790 --> 00:44:06,800
and suddenly like oh my god

1163
00:44:11,349 --> 00:44:08,800

not necessarily a soloist that is hugely

1164

00:44:12,790 --> 00:44:11,359

appreciated by this exactly yeah and so

1165

00:44:14,150 --> 00:44:12,800

you've been going around singing this

1166

00:44:16,550 --> 00:44:14,160

song and people have been telling you to

1167

00:44:18,230 --> 00:44:16,560

shut up and suddenly there is a choir

1168

00:44:20,230 --> 00:44:18,240

well you know what i want to celebrate

1169

00:44:21,910 --> 00:44:20,240

being in the choir because i'm fed up

1170

00:44:23,589 --> 00:44:21,920

with being a soloist so i think

1171

00:44:25,510 --> 00:44:23,599

preaching to the choir it's not

1172

00:44:26,550 --> 00:44:25,520

necessarily it's not de facto a bad

1173

00:44:29,030 --> 00:44:26,560

thing

1174

00:44:31,750 --> 00:44:29,040

it's uh i think there is very very

1175

00:44:34,150 --> 00:44:31,760

strong element of uh reinvigoration and

1176
00:44:36,150 --> 00:44:34,160
and building up the emotional reserves

1177
00:44:37,829 --> 00:44:36,160
that are required to continue some

1178
00:44:40,309 --> 00:44:37,839
fairly difficult battles you know when

1179
00:44:41,510 --> 00:44:40,319
you talk about the anti-vaxxers or

1180
00:44:42,630 --> 00:44:41,520
and they're like

1181
00:44:44,470 --> 00:44:42,640
um i think

1182
00:44:47,430 --> 00:44:44,480
we need that energy we need to meet

1183
00:44:49,190 --> 00:44:47,440
people and um i think marsh mentioned in

1184
00:44:51,670 --> 00:44:49,200
um sometime during the last couple of

1185
00:44:53,430 --> 00:44:51,680
days that one of the goal is for people

1186
00:44:54,870 --> 00:44:53,440
to one of the goals is for people to

1187
00:44:57,430 --> 00:44:54,880
meet each other and talk about and come

1188
00:44:59,510 --> 00:44:57,440

up with ideas and and and you know it's

1189

00:45:01,430 --> 00:44:59,520

been shown in the us

1190

00:45:02,950 --> 00:45:01,440

yeah that um

1191

00:45:05,109 --> 00:45:02,960

i'm not sure that it's true now but it's

1192

00:45:08,309 --> 00:45:05,119

definitely in the earlier years of tam

1193

00:45:10,790 --> 00:45:08,319

that every year after tam

1194

00:45:12,069 --> 00:45:10,800

quite a few new groups form yes so

1195

00:45:13,190 --> 00:45:12,079

because people meet in the kitchen and

1196

00:45:14,870 --> 00:45:13,200

say okay you know what we need to do

1197

00:45:16,950 --> 00:45:14,880

something they get in touch they get

1198

00:45:19,270 --> 00:45:16,960

they find people who in their area that

1199

00:45:20,630 --> 00:45:19,280

they would not meet otherwise um and

1200

00:45:21,750 --> 00:45:20,640

they also meet people who can help them

1201

00:45:23,349 --> 00:45:21,760

form the group because these are people

1202

00:45:25,510 --> 00:45:23,359

who establish the group the year before

1203

00:45:27,589 --> 00:45:25,520

following time and also so

1204

00:45:29,270 --> 00:45:27,599

i think it's a very very important goal

1205

00:45:32,470 --> 00:45:29,280

it is and it's it's one of the things

1206

00:45:34,790 --> 00:45:32,480

that we without that we have because qed

1207

00:45:36,950 --> 00:45:34,800

kind of grew out of our involvement with

1208

00:45:39,030 --> 00:45:36,960

mercy side skeptics and the guys are

1209

00:45:40,470 --> 00:45:39,040

greater manchester skeptics and so we we

1210

00:45:42,150 --> 00:45:40,480

both ran skeptics in the pubs in our

1211

00:45:44,470 --> 00:45:42,160

respective cities so it grew out of that

1212

00:45:47,270 --> 00:45:44,480

environment so we every year we've had

1213

00:45:48,950 --> 00:45:47,280

this uh this this session this space

1214

00:45:50,790 --> 00:45:48,960

where people who are involved in

1215

00:45:52,230 --> 00:45:50,800

organizing skeptics in the pub or who

1216

00:45:53,910 --> 00:45:52,240

wants to be involved in organizing your

1217

00:45:56,150 --> 00:45:53,920

skeptics in the pub can come together

1218

00:45:57,510 --> 00:45:56,160

and swap ideas and and say well what

1219

00:45:59,109 --> 00:45:57,520

works for you what doesn't work for you

1220

00:46:01,270 --> 00:45:59,119

this works for us this doesn't work for

1221

00:46:03,670 --> 00:46:01,280

us and to be able to exchange those

1222

00:46:05,190 --> 00:46:03,680

ideas so we can steal ideas from other

1223

00:46:06,710 --> 00:46:05,200

people from other groups well that works

1224

00:46:08,470 --> 00:46:06,720

for those guys let's let's take that

1225

00:46:10,950 --> 00:46:08,480

back to our city and give that a try and

1226

00:46:12,790 --> 00:46:10,960

see if that works for us um

1227

00:46:14,550 --> 00:46:12,800

i think it's really useful to be able to

1228

00:46:16,630 --> 00:46:14,560

have those conversations in a in a

1229

00:46:18,870 --> 00:46:16,640

face-to-face environment

1230

00:46:21,750 --> 00:46:18,880

now i want to ask you about the um about

1231

00:46:23,589 --> 00:46:21,760

the podcast yes okay you've uh just had

1232

00:46:26,470 --> 00:46:23,599

a change in personnel colin has uh

1233

00:46:28,550 --> 00:46:26,480

unfortunately left yeah it's it's it's a

1234

00:46:29,750 --> 00:46:28,560

shame colin and i go go way way back

1235

00:46:30,870 --> 00:46:29,760

colin and i were actually at school

1236

00:46:33,349 --> 00:46:30,880

together

1237

00:46:35,109 --> 00:46:33,359

and it was the merseyside skeptics

1238

00:46:37,670 --> 00:46:35,119

kind of most high skeptics were sort of

1239

00:46:38,630 --> 00:46:37,680

it was my new year's resolution i'd said

1240

00:46:41,510 --> 00:46:38,640

like

1241

00:46:42,870 --> 00:46:41,520

christmas 2008 i'd said right next year

1242

00:46:45,109 --> 00:46:42,880

i'm going to do something about this

1243

00:46:46,950 --> 00:46:45,119

whole skeptic thing that i was getting

1244

00:46:48,550 --> 00:46:46,960

more and more interested in

1245

00:46:50,470 --> 00:46:48,560

and around the same time i've noticed

1246

00:46:51,589 --> 00:46:50,480

that colin on facebook had

1247

00:46:54,230 --> 00:46:51,599

recently

1248

00:46:57,349 --> 00:46:54,240

liked the page for brian dunning's here

1249

00:46:59,670 --> 00:46:57,359

be dragons video and so i got in touch

1250

00:47:00,630 --> 00:46:59,680

with colin and said you know oh my well

1251

00:47:02,069 --> 00:47:00,640

i didn't know you were into all that

1252

00:47:04,069 --> 00:47:02,079

sort of stuff and he said yeah yeah and

1253

00:47:07,829 --> 00:47:04,079

so you know i talked to colin we

1254

00:47:09,270 --> 00:47:07,839

advertised on uh meet up um and then

1255

00:47:10,550 --> 00:47:09,280

march saw the advertising meet up and

1256

00:47:12,390 --> 00:47:10,560

then march got involved as well that was

1257

00:47:14,950 --> 00:47:12,400

the first time martian i had ever met

1258

00:47:16,790 --> 00:47:14,960

was uh when you know march got in touch

1259

00:47:19,030 --> 00:47:16,800

via meet up um

1260

00:47:20,950 --> 00:47:19,040

and mercy side skeptics like went from

1261

00:47:23,109 --> 00:47:20,960

there so cohen's been involved since way

1262

00:47:24,630 --> 00:47:23,119

way back at the start um obviously he's

1263

00:47:26,309 --> 00:47:24,640

been involved in in the podcast for

1264

00:47:28,230 --> 00:47:26,319

episode one he was involved with mercy

1265

00:47:29,589 --> 00:47:28,240

skeptics from episode one but now he's

1266

00:47:37,910 --> 00:47:29,599

um

1267

00:47:39,589 --> 00:47:37,920

colleen's with him his impending

1268

00:47:41,190 --> 00:47:39,599

responsibilities as a father he doesn't

1269

00:47:43,829 --> 00:47:41,200

feel that he can commit the time

1270

00:47:46,470 --> 00:47:43,839

literally leaving um his girlfriend at

1271

00:47:48,550 --> 00:47:46,480

home with the baby while he goes off to

1272

00:47:50,309 --> 00:47:48,560

uh to talk nonsense on a microphone with

1273

00:47:52,069 --> 00:47:50,319

two ways to point out that the moment

1274

00:47:55,190 --> 00:47:52,079

she carries the baby with her wherever

1275

00:47:57,349 --> 00:47:55,200

she goes inside yes so him not being

1276

00:48:00,230 --> 00:47:57,359

here in my opinion is he's just being a

1277

00:48:02,390 --> 00:48:00,240

[h__\h] well he is he's it she is very

1278

00:48:05,030 --> 00:48:02,400

very pregnant there was a serious risk

1279

00:48:06,309 --> 00:48:05,040

that she might actually go this weekend

1280

00:48:07,910 --> 00:48:06,319

and we wouldn't really want that in the

1281

00:48:09,349 --> 00:48:07,920

middle we'd have to get although in

1282

00:48:10,950 --> 00:48:09,359

fairness if you're going to stand on

1283

00:48:12,550 --> 00:48:10,960

stage at any conference and say is there

1284

00:48:14,069 --> 00:48:12,560

a doctor in the house qed is probably

1285

00:48:15,589 --> 00:48:14,079

the place to do it

1286

00:48:17,349 --> 00:48:15,599

they're putting their hands up no

1287

00:48:19,670 --> 00:48:17,359

actually it's a this is more that i

1288

00:48:22,069 --> 00:48:19,680

think still more the place where you say

1289

00:48:23,829 --> 00:48:22,079

my computer's not working

1290

00:48:25,270 --> 00:48:23,839

that's more likely

1291

00:48:27,030 --> 00:48:25,280

so yeah we've we've lost colin and

1292

00:48:29,109 --> 00:48:27,040

that's a shame and um

1293

00:48:30,790 --> 00:48:29,119

uh i'm hoping colin you know a couple

1294

00:48:31,990 --> 00:48:30,800

years down the line once the you know

1295

00:48:33,349 --> 00:48:32,000

the baby's a little bit older maybe

1296

00:48:34,790 --> 00:48:33,359

colin will come back to the show i don't

1297

00:48:35,829 --> 00:48:34,800

know it's it's up to collins and tyler

1298

00:48:38,069 --> 00:48:35,839

to call him what he wants to do but

1299

00:48:41,510 --> 00:48:38,079

we've got a new presenter in who's alice

1300

00:48:42,390 --> 00:48:41,520

um who's a a cellular physiologist uh at

1301

00:48:43,670 --> 00:48:42,400

the

1302

00:48:45,349 --> 00:48:43,680

university of liverpool so we've

1303

00:48:46,549 --> 00:48:45,359

actually got a scientist on the show who

1304

00:48:48,390 --> 00:48:46,559

knows what they're talking about now

1305

00:48:50,549 --> 00:48:48,400

instead of just the three of us talking

1306

00:48:52,150 --> 00:48:50,559

nonsense about stuff we don't understand

1307

00:48:54,390 --> 00:48:52,160

um and she did a very good job in the

1308

00:48:56,549 --> 00:48:54,400

first episode of embarrassing the two of

1309

00:48:58,630 --> 00:48:56,559

you yeah alice is going to be wonderful

1310

00:48:59,750 --> 00:48:58,640

um i'm i'm really pleased that uh that

1311

00:49:01,430 --> 00:48:59,760

we managed to get alice on board

1312

00:49:03,670 --> 00:49:01,440

although the timing of the announcement

1313

00:49:05,750 --> 00:49:03,680

kind of didn't work out so well because

1314

00:49:07,829 --> 00:49:05,760

uh we have a history on skeptics with a

1315

00:49:10,470 --> 00:49:07,839

k of annoying people with april fool's

1316

00:49:12,710 --> 00:49:10,480

jokes so we we did one episode where we

1317

00:49:14,549 --> 00:49:12,720

just made all the stories up and we did

1318

00:49:17,510 --> 00:49:14,559

another episode where we just pretended

1319

00:49:21,109 --> 00:49:17,520

to be completely credulous morons um for

1320

00:49:22,950 --> 00:49:21,119

an entire episode um and so we we have a

1321

00:49:24,710 --> 00:49:22,960

habit of winding people up around april

1322

00:49:26,790 --> 00:49:24,720

first and everyone thought colin leaving

1323

00:49:29,109 --> 00:49:26,800

was an april fools gag and then it's

1324

00:49:30,870 --> 00:49:29,119

like well alice is kind of an anagram of

1325

00:49:34,069 --> 00:49:30,880

calling a little bit and this is we've

1326

00:49:35,670 --> 00:49:34,079

got a new presenter alice and oh dear no

1327

00:49:38,230 --> 00:49:35,680

so lots of people were writing in

1328

00:49:39,510 --> 00:49:38,240

refusing to say you know congratulations

1329

00:49:40,710 --> 00:49:39,520

colin you know hope you have a good time

1330

00:49:42,230 --> 00:49:40,720

because they thought it was a prank they

1331

00:49:44,549 --> 00:49:42,240

thought we were punching them no we're

1332

00:49:46,870 --> 00:49:44,559

not we're really not if we kind of fall

1333

00:49:49,349 --> 00:49:46,880

and foul of the podcast that cried wolf

1334

00:49:51,910 --> 00:49:49,359

and uh it's

1335

00:49:53,589 --> 00:49:51,920

we're stuck in this situation uh but no

1336

00:49:55,670 --> 00:49:53,599

the people will find out the hard way as

1337

00:49:57,109 --> 00:49:55,680

they listen alice is genuinely alice

1338

00:49:59,990 --> 00:49:57,119

she's not calling putting on a funny

1339

00:50:01,829 --> 00:50:00,000

voice and she's she's clearly she knows

1340

00:50:03,589 --> 00:50:01,839

what she's doing in the in the area of

1341

00:50:05,109 --> 00:50:03,599

science she does she does which is more

1342

00:50:07,270 --> 00:50:05,119

than i do and it's more than marsh does

1343

00:50:09,750 --> 00:50:07,280

i was actually listening to uh that

1344

00:50:12,950 --> 00:50:09,760

episode um while i was on the bus from

1345

00:50:14,790 --> 00:50:12,960

the hotel to this hotel this morning

1346

00:50:15,670 --> 00:50:14,800

that's very good um

1347

00:50:17,589 --> 00:50:15,680

now

1348

00:50:19,430 --> 00:50:17,599

i have some inside information that

1349

00:50:22,630 --> 00:50:19,440

suggests that you're a bit of a stickler

1350

00:50:23,829 --> 00:50:22,640

for production values i am very much am

1351

00:50:26,630 --> 00:50:23,839

so

1352

00:50:28,630 --> 00:50:26,640

how long does it take you to edit a show

1353

00:50:31,109 --> 00:50:28,640

where well we've

1354

00:50:33,109 --> 00:50:31,119

it's improved recently um early on in

1355

00:50:35,109 --> 00:50:33,119

skeptics with a k we we'd record maybe

1356

00:50:36,470 --> 00:50:35,119

three hours of material and then edit

1357

00:50:39,670 --> 00:50:36,480

that down to

1358

00:50:41,270 --> 00:50:39,680

um uh to like just about an hour hour

1359

00:50:42,790 --> 00:50:41,280

now between an hour an hour and 10

1360

00:50:46,309 --> 00:50:42,800

minutes we kind of aim for

1361

00:50:48,549 --> 00:50:46,319

um and that used to take me um

1362

00:50:50,790 --> 00:50:48,559

it took me it takes me about three times

1363

00:50:51,990 --> 00:50:50,800

as long as the recording to do the edit

1364

00:50:53,670 --> 00:50:52,000

so

1365

00:50:54,950 --> 00:50:53,680

if you know if we record three hours it

1366

00:50:55,990 --> 00:50:54,960

would take me nine hours to do the edit

1367

00:50:58,150 --> 00:50:56,000

and obviously that's gonna be done in my

1368

00:50:59,910 --> 00:50:58,160

own time in the evenings and things so

1369

00:51:01,589 --> 00:50:59,920

there is a reason the show

1370

00:51:03,109 --> 00:51:01,599

is recorded on monday and goes out on a

1371

00:51:04,630 --> 00:51:03,119

thursday because that's how long that's

1372

00:51:06,309 --> 00:51:04,640

how many evenings it takes me to get the

1373

00:51:09,270 --> 00:51:06,319

show edited so it takes me a long long

1374

00:51:11,109 --> 00:51:09,280

time to get the show edited um

1375

00:51:14,150 --> 00:51:11,119

recently we've kind of improved that

1376

00:51:16,230 --> 00:51:14,160

just as as we've improved at this this

1377

00:51:18,470 --> 00:51:16,240

podcast game we make fewer mistakes we

1378

00:51:20,630 --> 00:51:18,480

make fewer fluffs than we used to um and

1379

00:51:22,870 --> 00:51:20,640

so we've got that down so it sometimes

1380

00:51:24,950 --> 00:51:22,880

only takes me two nights now instead of

1381

00:51:27,109 --> 00:51:24,960

like like three full evenings to get it

1382

00:51:28,950 --> 00:51:27,119

done um and this last episode i actually

1383

00:51:31,109 --> 00:51:28,960

managed to get done the day we recorded

1384

00:51:33,109 --> 00:51:31,119

but there's a lot of of um's and hers in

1385

00:51:34,150 --> 00:51:33,119

there that i really want to take out

1386

00:51:38,150 --> 00:51:34,160

oh no i

1387

00:51:43,270 --> 00:51:40,870

you know if i say um it's my fault leave

1388

00:51:44,790 --> 00:51:43,280

it there yeah but it's still it doesn't

1389

00:51:47,109 --> 00:51:44,800

sound good i like i like having the

1390

00:51:49,990 --> 00:51:47,119

polish you know

1391

00:51:51,910 --> 00:51:50,000

um so the um did are you also more

1392

00:51:53,990 --> 00:51:51,920

scripted with time or more planned in

1393

00:51:55,990 --> 00:51:54,000

terms of uh how the process would go

1394

00:51:57,349 --> 00:51:56,000

it's art actually marsh frequently will

1395

00:51:59,190 --> 00:51:57,359

show off the skeptics with k and

1396

00:52:01,270 --> 00:51:59,200

completely wing his story he will be

1397

00:52:03,109 --> 00:52:01,280

talking he'll have

1398

00:52:04,950 --> 00:52:03,119

uh more no more than a couple of

1399

00:52:06,870 --> 00:52:04,960

sentences scribbled on a piece of paper

1400

00:52:08,630 --> 00:52:06,880

and he'll just off the top of his head

1401

00:52:10,470 --> 00:52:08,640

like read off his story

1402

00:52:12,630 --> 00:52:10,480

what you hear me say on the show in the

1403

00:52:15,750 --> 00:52:12,640

segment that i do is word for word

1404

00:52:17,910 --> 00:52:15,760

scripted um i just write the way that i

1405

00:52:19,750 --> 00:52:17,920

speak so it doesn't sound like it's

1406

00:52:21,510 --> 00:52:19,760

scripted so i'm word for word scripted

1407

00:52:22,309 --> 00:52:21,520

because otherwise i will oh maneuver and

1408

00:52:23,829 --> 00:52:22,319

stuff

1409

00:52:26,390 --> 00:52:23,839

and it'll sound quite clearly scripted

1410

00:52:28,230 --> 00:52:26,400

too colin always uh scripted his

1411

00:52:29,829 --> 00:52:28,240

material the comments that we have in

1412

00:52:32,069 --> 00:52:29,839

between we interrupt each other that's

1413

00:52:33,430 --> 00:52:32,079

always spontaneous enough off the cuff

1414

00:52:35,270 --> 00:52:33,440

and sometimes it doesn't work and i have

1415

00:52:38,069 --> 00:52:35,280

to cut it out because i'll make a joke

1416

00:52:39,910 --> 00:52:38,079

just falls completely flat but yeah so i

1417

00:52:42,150 --> 00:52:39,920

i i all my stuff is word for word

1418

00:52:43,589 --> 00:52:42,160

scripted even like um's and urs and

1419

00:52:44,870 --> 00:52:43,599

repeats and

1420

00:52:46,390 --> 00:52:44,880

things like that i'll put those in

1421

00:52:48,150 --> 00:52:46,400

because i know how i speak and i can

1422

00:52:51,349 --> 00:52:48,160

write how i speak so i tried my best to

1423

00:52:52,710 --> 00:52:51,359

disguise the fact that i'm reading um i

1424

00:52:54,390 --> 00:52:52,720

think i do a slightly better job of that

1425

00:52:55,910 --> 00:52:54,400

than colin does but i'm actually very

1426
00:52:58,230 --> 00:52:55,920
scripted but marsh just does it off the

1427
00:53:01,829 --> 00:52:58,240
top of his head because he's

1428
00:53:05,589 --> 00:53:01,839
a fool i think actually

1429
00:53:08,870 --> 00:53:07,750
hopefully

1430
00:53:10,390 --> 00:53:08,880
so um

1431
00:53:12,710 --> 00:53:10,400
what what what's next what are your

1432
00:53:14,230 --> 00:53:12,720
plans i mean obviously um clearly now

1433
00:53:16,470 --> 00:53:14,240
that you've added alice you'd clearly

1434
00:53:18,630 --> 00:53:16,480
plan to continue with uh skeptics with a

1435
00:53:19,430 --> 00:53:18,640
k which i'm very thankful for i really

1436
00:53:21,910 --> 00:53:19,440
enjoy

1437
00:53:23,349 --> 00:53:21,920
your podcast what what else um are there

1438
00:53:25,190 --> 00:53:23,359

any other projects or plans that you

1439

00:53:27,349 --> 00:53:25,200

have for the

1440

00:53:28,710 --> 00:53:27,359

near future well we're going to keep

1441

00:53:29,430 --> 00:53:28,720

marching forward with skeptics with the

1442

00:53:30,309 --> 00:53:29,440

k

1443

00:53:32,870 --> 00:53:30,319

um

1444

00:53:34,390 --> 00:53:32,880

i i i hope that show's just gonna run

1445

00:53:36,150 --> 00:53:34,400

for as long as people keep listening to

1446

00:53:38,950 --> 00:53:36,160

it and people stop listening to it and

1447

00:53:40,390 --> 00:53:38,960

probably stop doing it um if people you

1448

00:53:41,829 --> 00:53:40,400

know if i get bored we'll probably stop

1449

00:53:43,430 --> 00:53:41,839

doing it as well but at the moment you

1450

00:53:45,349 --> 00:53:43,440

know it entertains us and we record the

1451
00:53:47,109 --> 00:53:45,359
show for ourselves we occasionally we'll

1452
00:53:49,030 --> 00:53:47,119
get people who write in and say oh you

1453
00:53:50,230 --> 00:53:49,040
should do this you should do that

1454
00:53:51,670 --> 00:53:50,240
uh we get people who write in and

1455
00:53:53,670 --> 00:53:51,680
complain that we swear too much it's

1456
00:53:55,510 --> 00:53:53,680
like well if you know just listen to

1457
00:53:57,030 --> 00:53:55,520
someone else's show then don't it's not

1458
00:53:58,950 --> 00:53:57,040
the show for you if you're gonna

1459
00:54:00,390 --> 00:53:58,960
complain that we swear too much uh

1460
00:54:01,829 --> 00:54:00,400
because honestly i speak like that

1461
00:54:03,349 --> 00:54:01,839
that's how i speak all the time that's

1462
00:54:04,790 --> 00:54:03,359
not emphasis that

1463
00:54:06,230 --> 00:54:04,800

i should maybe i should point out to the

1464

00:54:08,390 --> 00:54:06,240

listeners right now that you do not have

1465

00:54:10,150 --> 00:54:08,400

a paper in front of you no and you sound

1466

00:54:11,910 --> 00:54:10,160

exactly like you do on the podcast so

1467

00:54:15,030 --> 00:54:11,920

quite clearly that's the way you speak

1468

00:54:17,829 --> 00:54:15,040

yeah so it's uh so we're going to keep

1469

00:54:20,710 --> 00:54:17,839

going with skeptics with the k um

1470

00:54:22,309 --> 00:54:20,720

i've kind of got a a a b in my bonnet at

1471

00:54:24,950 --> 00:54:22,319

the moment about placebo and placebo

1472

00:54:27,829 --> 00:54:24,960

effects um and this idea that something

1473

00:54:30,549 --> 00:54:27,839

mark chrislift talked about at um

1474

00:54:32,710 --> 00:54:30,559

at his talk for qed about this this idea

1475

00:54:34,630 --> 00:54:32,720

of how powerful placebos are and people

1476
00:54:37,750 --> 00:54:34,640
seem to have this idea of placebo as

1477
00:54:40,150 --> 00:54:37,760
some like huge

1478
00:54:42,069 --> 00:54:40,160
um and

1479
00:54:44,950 --> 00:54:42,079
uh recently for the the good thinking

1480
00:54:46,710 --> 00:54:44,960
society um uh marsh was involved in

1481
00:54:48,230 --> 00:54:46,720
producing a website for homeopathy

1482
00:54:49,990 --> 00:54:48,240
awareness week

1483
00:54:51,990 --> 00:54:50,000
which we we thought well let's let's

1484
00:54:53,349 --> 00:54:52,000
jump in on homeopathy awareness week we

1485
00:54:54,549 --> 00:54:53,359
want to raise awareness of homeopathy

1486
00:54:56,549 --> 00:54:54,559
too it's one of the best ways to

1487
00:54:59,430 --> 00:54:56,559
convince people it's nonsense by telling

1488
00:55:01,430 --> 00:54:59,440

what it actually is so we you know we it

1489

00:55:02,790 --> 00:55:01,440

was a good thinking society project

1490

00:55:05,030 --> 00:55:02,800

marsh drafted me and to build the

1491

00:55:06,790 --> 00:55:05,040

website for them so i was quite happy to

1492

00:55:07,670 --> 00:55:06,800

do that but

1493

00:55:08,950 --> 00:55:07,680

um

1494

00:55:10,390 --> 00:55:08,960

looking at the comments people were

1495

00:55:11,589 --> 00:55:10,400

posting when i saw this site being

1496

00:55:13,349 --> 00:55:11,599

shared around facebook a lot of the

1497

00:55:15,190 --> 00:55:13,359

comments were like well if homeopathy

1498

00:55:16,710 --> 00:55:15,200

works as a placebo placebos are actually

1499

00:55:18,549 --> 00:55:16,720

really powerful so what's the problem

1500

00:55:20,390 --> 00:55:18,559

what's the harm so i've got this kind of

1501
00:55:22,630 --> 00:55:20,400
idea in my head i want to kind of i want

1502
00:55:24,630 --> 00:55:22,640
to look at doing a project to try and

1503
00:55:27,510 --> 00:55:24,640
do some public engagement on actually

1504
00:55:29,510 --> 00:55:27,520
placebo is nonsense there there isn't an

1505
00:55:31,910 --> 00:55:29,520
appreciable placebo effect there's good

1506
00:55:33,430 --> 00:55:31,920
research to back that up um so that's

1507
00:55:35,109 --> 00:55:33,440
that's kind of a project that i've got

1508
00:55:36,630 --> 00:55:35,119
in the back of my head at the moment and

1509
00:55:38,549 --> 00:55:36,640
of course there's going to be another

1510
00:55:40,549 --> 00:55:38,559
qed and that's going to take up an awful

1511
00:55:42,069 --> 00:55:40,559
lot of time as well um so there's going

1512
00:55:43,430 --> 00:55:42,079
to be another qed that's another project

1513
00:55:45,190 --> 00:55:43,440

that we've got on the horizon i'd say

1514

00:55:46,549 --> 00:55:45,200

that's an exclusive but it's not andy

1515

00:55:47,510 --> 00:55:46,559

announced it on stage i didn't get to

1516

00:55:50,470 --> 00:55:47,520

say

1517

00:55:52,390 --> 00:55:50,480

um so yeah i think

1518

00:55:54,069 --> 00:55:52,400

i really don't think you have

1519

00:55:55,430 --> 00:55:54,079

much of a choice

1520

00:55:57,109 --> 00:55:55,440

i think you know certainly i mean of

1521

00:55:58,309 --> 00:55:57,119

course you have a choice yeah

1522

00:56:00,150 --> 00:55:58,319

technically

1523

00:56:02,549 --> 00:56:00,160

but the reality is that it's quite clear

1524

00:56:04,309 --> 00:56:02,559

that the demand is is there and i think

1525

00:56:05,990 --> 00:56:04,319

you would find it very difficult i mean

1526

00:56:07,349 --> 00:56:06,000

somebody's organized a couple of

1527

00:56:08,789 --> 00:56:07,359

cupcakes already and we are in the

1528

00:56:10,150 --> 00:56:08,799

middle of organizing a conference right

1529

00:56:11,510 --> 00:56:10,160

now for november

1530

00:56:13,270 --> 00:56:11,520

i think you

1531

00:56:15,349 --> 00:56:13,280

it's very difficult to say no when the

1532

00:56:17,589 --> 00:56:15,359

demand is there and if you know that you

1533

00:56:18,390 --> 00:56:17,599

can actually produce a product that yeah

1534

00:56:20,549 --> 00:56:18,400

that

1535

00:56:22,630 --> 00:56:20,559

your target audience will like it's very

1536

00:56:23,750 --> 00:56:22,640

difficult to say no to that well and and

1537

00:56:25,990 --> 00:56:23,760

we had

1538

00:56:28,710 --> 00:56:26,000

i i worked out on on friday the number

1539

00:56:30,390 --> 00:56:28,720

of people who came to qed this year

1540

00:56:32,309 --> 00:56:30,400

is around double the number of people

1541

00:56:33,430 --> 00:56:32,319

who came to the first ever qed so we've

1542

00:56:34,789 --> 00:56:33,440

managed in the four years we've been

1543

00:56:36,789 --> 00:56:34,799

doing a branch to actually double our

1544

00:56:38,390 --> 00:56:36,799

audience which is crazy that we managed

1545

00:56:40,069 --> 00:56:38,400

to get like double the audience that we

1546

00:56:41,030 --> 00:56:40,079

had in that first year is is really

1547

00:56:43,270 --> 00:56:41,040

crazy

1548

00:56:44,630 --> 00:56:43,280

and i also really like andy asked you

1549

00:56:46,789 --> 00:56:44,640

know who's here for the first year who

1550

00:56:48,549 --> 00:56:46,799

did and one and he also asked who's been

1551

00:56:49,829 --> 00:56:48,559

here for all four years and there was a

1552

00:56:51,109 --> 00:56:49,839

fair number of hands there's a fair

1553

00:56:52,390 --> 00:56:51,119

number of houses we get a lot of repeat

1554

00:56:53,750 --> 00:56:52,400

customers but there was an awful lot of

1555

00:56:55,190 --> 00:56:53,760

people with our hands down who were new

1556

00:56:57,510 --> 00:56:55,200

people who were here for the first time

1557

00:56:59,510 --> 00:56:57,520

this year that's awesome that's amazing

1558

00:57:01,670 --> 00:56:59,520

i love that it's it i'll tell you from

1559

00:57:03,349 --> 00:57:01,680

my perspective qd has a great reputation

1560

00:57:05,109 --> 00:57:03,359

obviously i've i've heard about it from

1561

00:57:07,109 --> 00:57:05,119

um richard and rachel who've been here

1562

00:57:08,150 --> 00:57:07,119

before and and uh spoke at the

1563

00:57:10,069 --> 00:57:08,160

conference

1564

00:57:11,510 --> 00:57:10,079

um and i've been in touch with with you

1565

00:57:12,549 --> 00:57:11,520

and with marsh over there over the years

1566

00:57:15,030 --> 00:57:12,559

but uh

1567

00:57:16,549 --> 00:57:15,040

but it it's definitely a a conference

1568

00:57:19,030 --> 00:57:16,559

that has a good reputation around the

1569

00:57:20,390 --> 00:57:19,040

world so i think you could expect more

1570

00:57:22,230 --> 00:57:20,400

like yeah well that gives you special

1571

00:57:25,670 --> 00:57:22,240

guests that's that just gives us plenty

1572

00:57:28,390 --> 00:57:25,680

of reputation to ruin um at some point

1573

00:57:30,470 --> 00:57:28,400

inevitably in the future um as we as we

1574

00:57:31,910 --> 00:57:30,480

make the the ridiculous missteps and

1575

00:57:33,910 --> 00:57:31,920

annoy everyone it'll happen at some

1576

00:57:35,589 --> 00:57:33,920

point in the future i'm sure

1577

00:57:37,030 --> 00:57:35,599

i'm sure if you work hard enough you

1578

00:57:38,470 --> 00:57:37,040

will

1579

00:57:39,750 --> 00:57:38,480

okay

1580

00:57:50,870 --> 00:57:39,760

mike thanks very much for being on the

1581

00:57:55,990 --> 00:57:53,510

but questions is an award-winning weekly

1582

00:57:58,069 --> 00:57:56,000

science show in french hosted by a bunch

1583

00:58:00,630 --> 00:57:58,079

of crazy enthusiasts

1584

00:58:02,870 --> 00:58:00,640

we are convinced that the greatest ideas

1585

00:58:04,950 --> 00:58:02,880

in science are quite easy to grasp as

1586

00:58:07,510 --> 00:58:04,960

long as they are presented with passion

1587

00:58:09,990 --> 00:58:07,520

using a vocabulary common to all curious

1588

00:58:11,270 --> 00:58:10,000

minds whatever their academic background

1589

00:58:13,349 --> 00:58:11,280

if any

1590

00:58:14,630 --> 00:58:13,359

you don't understand french yet why it's

1591

00:58:16,309 --> 00:58:14,640

never too late

1592

00:58:18,069 --> 00:58:16,319

all our stories have a written

1593

00:58:20,230 --> 00:58:18,079

transcript on the website and people

1594

00:58:22,870 --> 00:58:20,240

from all around the world are using our

1595

00:58:25,510 --> 00:58:22,880

content to learn molia's language

1596

00:58:28,190 --> 00:58:25,520

our topics range from zero to infinity

1597

00:58:29,990 --> 00:58:28,200

from evolution to artificial life from

1598

00:58:31,270 --> 00:58:30,000

electromagnetism to the science of

1599

00:58:33,750 --> 00:58:31,280

introverts

1600

00:58:37,349 --> 00:58:33,760

we just love mathematics science

1601
00:58:39,030 --> 00:58:37,359
critical thinking so do you want to join

1602
00:58:41,109 --> 00:58:39,040
you can subscribe to the podcast for

1603
00:58:44,230 --> 00:58:41,119
free from our website podcast science

1604
00:58:46,950 --> 00:58:44,240
dot fm that's in one word you also find

1605
00:59:04,230 --> 00:58:46,960
us on itunes and soundcloud see you soon

1606
00:59:08,390 --> 00:59:05,910
thank you for listening to the skeptic

1607
00:59:10,549 --> 00:59:08,400
zone and i look forward to seeing many

1608
00:59:13,030 --> 00:59:10,559
of you i'm sure later on in the year

1609
00:59:16,390 --> 00:59:13,040
well actually not too far away now early

1610
00:59:18,390 --> 00:59:16,400
july in las vegas at the amazing meeting

1611
00:59:21,030 --> 00:59:18,400
i'll be there racing around with none

1612
00:59:22,630 --> 00:59:21,040
other than dr karl krasiniski who

1613
00:59:25,109 --> 00:59:22,640

i know is known to many of you

1614

00:59:27,910 --> 00:59:25,119

especially here in australia dr cole is

1615

00:59:30,309 --> 00:59:27,920

really excited about uh speaking at tam

1616

00:59:32,630 --> 00:59:30,319

hasn't been to tam before in las vegas

1617

00:59:35,030 --> 00:59:32,640

although he spoke at tam here in sydney

1618

00:59:36,630 --> 00:59:35,040

some years ago and i had the lunch with

1619

00:59:38,870 --> 00:59:36,640

dr cole the other day and he was asking

1620

00:59:40,150 --> 00:59:38,880

me all about the south point casino and

1621

00:59:42,390 --> 00:59:40,160

spa the

1622

00:59:43,990 --> 00:59:42,400

massive hotel where they have tam and i

1623

00:59:45,910 --> 00:59:44,000

said to him well

1624

00:59:47,190 --> 00:59:45,920

it's hard to describe it really you just

1625

00:59:49,430 --> 00:59:47,200

sort of

1626
00:59:52,309 --> 00:59:49,440
have to be there for more information

1627
00:59:57,270 --> 00:59:52,319
visit the website of the james randy

1628
01:00:01,910 --> 00:59:58,630
but for this week this is richard

1629
01:00:03,670 --> 01:00:01,920
saunders and fred the cat who is still

1630
01:00:04,710 --> 01:00:03,680
are you going to wake up

1631
01:00:06,549 --> 01:00:04,720
are you going to say something to the

1632
01:00:09,510 --> 01:00:06,559
listeners fred

1633
01:00:11,030 --> 01:00:09,520
you're going to purr or anything

1634
01:00:12,950 --> 01:00:11,040
he's pretty happy anyway

1635
01:00:19,030 --> 01:00:12,960
for this week this is richard saunders

1636
01:00:22,230 --> 01:00:20,710
you've been listening to the skeptic

1637
01:00:27,030 --> 01:00:22,240
zone