

1  
00:00:05,929 --> 00:00:13,699  
welcome to the skeptic zone the podcast

2  
00:00:09,089 --> 00:00:13,699  
from Australia for science and reason

3  
00:00:23,289 --> 00:00:31,269  
yes it's the skeptic Zone episode number

4  
00:00:27,368 --> 00:00:33,469  
148 for the twentieth of August 2011

5  
00:00:31,269 --> 00:00:35,719  
Richard Saunders here with you from

6  
00:00:33,469 --> 00:00:37,250  
Sydney Australia a bit of a tired

7  
00:00:35,719 --> 00:00:42,049  
Richard soon as I've been out all day

8  
00:00:37,250 --> 00:00:44,299  
doing the science oh yes well teaching

9  
00:00:42,049 --> 00:00:47,769  
science or presenting science as you'll

10  
00:00:44,299 --> 00:00:52,159  
hear later in the show on today's show

11  
00:00:47,770 --> 00:00:56,120  
we have another in the series of Tam Las

12  
00:00:52,159 --> 00:00:58,279  
Vegas tam nine interviews dr. rate she

13  
00:00:56,119 --> 00:01:01,189  
catches up without very good friend

14  
00:00:58,280 --> 00:01:04,308  
Benjamin Radford he's a man I greatly

15  
00:01:01,189 --> 00:01:06,978  
admire and a little bit jealous of the

16  
00:01:04,308 --> 00:01:08,719  
way he can go out and investigate all

17  
00:01:06,978 --> 00:01:11,450  
these strange and mysterious thing

18  
00:01:08,719 --> 00:01:14,689  
something I really love doing myself a

19  
00:01:11,450 --> 00:01:18,439  
really great interview part 1 part 2

20  
00:01:14,689 --> 00:01:21,519  
next week with Benjamin Redford dr. H he

21  
00:01:18,439 --> 00:01:24,469  
asks him about his mysterious

22  
00:01:21,519 --> 00:01:27,170  
investigations and following that and

23  
00:01:24,469 --> 00:01:30,439  
you'll understand why I'm a bit a bit

24  
00:01:27,170 --> 00:01:32,990  
worn out as I record this I take you to

25  
00:01:30,439 --> 00:01:36,349  
the powerhouse museum here in Sydney

26  
00:01:32,989 --> 00:01:38,509  
we're just today dr. AJ and I performed

27  
00:01:36,349 --> 00:01:42,049  
the mystery investigators show all

28  
00:01:38,509 --> 00:01:45,109  
afternoon in fact late morning till the

29

00:01:42,049 --> 00:01:47,390  
afternoon many shows we perform for lots

30  
00:01:45,109 --> 00:01:49,670  
of parents lots of kids lots of people

31  
00:01:47,390 --> 00:01:52,609  
passing by it was really great fun a

32  
00:01:49,670 --> 00:01:55,219  
live report so to speak and of course

33  
00:01:52,609 --> 00:01:57,769  
that is all for the benefit of science

34  
00:01:55,219 --> 00:02:01,579  
week and to wrap up the show it's

35  
00:01:57,769 --> 00:02:07,129  
Maynard Oh al good friend Maynard visits

36  
00:02:01,579 --> 00:02:10,189  
the CSIRO solar array in Newcastle

37  
00:02:07,129 --> 00:02:12,439  
Mayfield West in fact in Newcastle just

38  
00:02:10,189 --> 00:02:15,318  
up the road a little bit from Sydney to

39  
00:02:12,439 --> 00:02:19,900  
discover more about the goings-on there

40  
00:02:15,318 --> 00:02:24,018  
the solar array that sounds interesting

41  
00:02:19,900 --> 00:02:25,480  
so I'm going to run straight downstairs

42  
00:02:24,019 --> 00:02:28,239  
again

43  
00:02:25,479 --> 00:02:33,488

I'm a bit tired tonight I'm gonna grab

44

00:02:28,239 --> 00:02:37,200

that nice cup of um hmm when I grabbed

45

00:02:33,489 --> 00:02:40,539

this week was a caramel chocolate Oh

46

00:02:37,199 --> 00:02:43,329

folks caramel hot chocolate that sounds

47

00:02:40,539 --> 00:02:47,310

pretty good oh yes and I'll let you

48

00:02:43,330 --> 00:02:47,310

enjoy this kept exam

49

00:03:01,030 --> 00:03:09,829

now it's time for dr. Rachel reports

50

00:03:04,400 --> 00:03:11,900

with dr. Rachel Dunlop hello listeners

51

00:03:09,829 --> 00:03:14,599

dr. Reggie here with you presenting an

52

00:03:11,900 --> 00:03:16,908

interview with Benjamin Radford Ben is

53

00:03:14,598 --> 00:03:19,518

the deputy editor of skeptical Inquirer

54

00:03:16,908 --> 00:03:22,068

and the author of six books including

55

00:03:19,519 --> 00:03:24,438

tracking the chupacabra the vampire

56

00:03:22,068 --> 00:03:26,298

based in fact fiction and folklore and

57

00:03:24,438 --> 00:03:28,759

this is the topic of most of our

58  
00:03:26,299 --> 00:03:30,139  
discussion today then also works with

59  
00:03:28,759 --> 00:03:31,608  
the committee for the scientific

60  
00:03:30,139 --> 00:03:33,949  
investigation of claims of the

61  
00:03:31,609 --> 00:03:36,530  
paranormal and he has done firsthand

62  
00:03:33,949 --> 00:03:39,169  
research into psychics ghosts haunted

63  
00:03:36,530 --> 00:03:42,128  
houses exorcisms miracles Bigfoot

64  
00:03:39,169 --> 00:03:44,569  
stigmata Lake Monsters UFO sightings

65  
00:03:42,128 --> 00:03:47,718  
reincarnation crop circles and many

66  
00:03:44,568 --> 00:03:49,188  
other paranormal topics so strap

67  
00:03:47,718 --> 00:03:51,468  
yourselves in listeners for a really

68  
00:03:49,188 --> 00:03:55,239  
fascinating interview with paranormal

69  
00:03:51,468 --> 00:03:55,239  
investigator Benjamin Radford

70  
00:03:57,389 --> 00:04:02,639  
been rough it's just stretching and

71  
00:04:00,360 --> 00:04:05,940  
doing some kind of meditation here at

72  
00:04:02,639 --> 00:04:07,739  
am-9 in Las Vegas in the zone okay there

73  
00:04:05,939 --> 00:04:10,349  
there I'm in the zone you are in the

74  
00:04:07,740 --> 00:04:12,420  
zone days we're sort of hiding in a back

75  
00:04:10,349 --> 00:04:14,639  
room at the other side of the hotel

76  
00:04:12,419 --> 00:04:17,759  
right now well I guess they know yes how

77  
00:04:14,639 --> 00:04:19,469  
are you doing well I love coming to Tam

78  
00:04:17,759 --> 00:04:22,829  
just you know meeting old friends and

79  
00:04:19,470 --> 00:04:24,210  
meeting new ones and seeing the seeing

80  
00:04:22,829 --> 00:04:25,259  
that the people out in the field you

81  
00:04:24,209 --> 00:04:28,109  
know the people who are interested in

82  
00:04:25,259 --> 00:04:29,759  
these sorts of things because a lot of

83  
00:04:28,110 --> 00:04:31,710  
times the investigations and the work

84  
00:04:29,759 --> 00:04:33,418  
that I do is very insular you know it's

85  
00:04:31,709 --> 00:04:35,729  
writing or it's investigating it's very

86

00:04:33,418 --> 00:04:37,019  
solitary endeavor and so I want to get a

87  
00:04:35,730 --> 00:04:39,030  
chance to come to a meeting like this

88  
00:04:37,019 --> 00:04:39,959  
it's great because you meet you know all

89  
00:04:39,029 --> 00:04:41,939  
those people learnt shouldn't they

90  
00:04:39,959 --> 00:04:44,219  
followed your work of course it also

91  
00:04:41,939 --> 00:04:45,629  
gets retiring after a while yeah which

92  
00:04:44,220 --> 00:04:48,570  
is why it's nice to find a little corner

93  
00:04:45,629 --> 00:04:50,370  
yeah to fun respite it but yeah you have

94  
00:04:48,569 --> 00:04:52,980  
a degree in psychology yes I know the

95  
00:04:50,370 --> 00:04:54,439  
managing editor skeptical inquirer right

96  
00:04:52,980 --> 00:04:58,080  
you doing a lot of other stuff as well

97  
00:04:54,439 --> 00:05:00,060  
you write for livescience.com and

98  
00:04:58,079 --> 00:05:02,250  
discovering years mm-hmm but primarily

99  
00:05:00,060 --> 00:05:05,189  
you're an investigator yes but

100  
00:05:02,250 --> 00:05:06,509

investigate weird stuff lots of weird

101

00:05:05,189 --> 00:05:10,168

things yes I've been doing that for

102

00:05:06,509 --> 00:05:12,990

about 10 or 12 years now and just

103

00:05:10,168 --> 00:05:16,469

basically everything from monsters to

104

00:05:12,990 --> 00:05:18,960

crop circles miracles ghosts psychics

105

00:05:16,470 --> 00:05:21,450

pretty much any any manner of weirdness

106

00:05:18,959 --> 00:05:23,668

or so so call unexplained paranormal

107

00:05:21,449 --> 00:05:25,800

phenomena I probably either personally

108

00:05:23,668 --> 00:05:27,060

looked into it or researched it or you

109

00:05:25,800 --> 00:05:28,800

know sir didn't have good friends who

110

00:05:27,060 --> 00:05:31,019

have not relied on their research in

111

00:05:28,800 --> 00:05:33,329

some cases so how do you can't easy to

112

00:05:31,019 --> 00:05:36,240

that how does that happen you just want

113

00:05:33,329 --> 00:05:38,728

I fall into investigating UFO hey what

114

00:05:36,240 --> 00:05:40,769

are not is we're going to Korea's Diane

115  
00:05:38,728 --> 00:05:42,180  
high school did I just do a little quiz

116  
00:05:40,769 --> 00:05:44,939  
and say you're going to investigate UFOs

117  
00:05:42,180 --> 00:05:46,860  
when you grow up no no in fact I when I

118  
00:05:44,939 --> 00:05:48,810  
was a kid I wanted I had a variety of

119  
00:05:46,860 --> 00:05:51,449  
careers in mind that did not include

120  
00:05:48,810 --> 00:05:53,850  
chasing ghosts I wanted to be a stuntman

121  
00:05:51,449 --> 00:05:55,199  
for a while I thought about being a

122  
00:05:53,850 --> 00:05:56,760  
Secret Service agent of the left my

123  
00:05:55,199 --> 00:06:00,959  
vision wasn't good enough

124  
00:05:56,759 --> 00:06:03,449  
2041 corrected I thought about being a

125  
00:06:00,959 --> 00:06:05,759  
film director and in fact i have written

126  
00:06:03,449 --> 00:06:07,110  
directed a couple short films but i just

127  
00:06:05,759 --> 00:06:10,949  
once i realized just how much work it

128  
00:06:07,110 --> 00:06:13,830  
was right yeah as I could god I'm gonna

129  
00:06:10,949 --> 00:06:15,029  
feel put into it so you know I guess I

130  
00:06:13,829 --> 00:06:17,819  
always had the idea of being a writer

131  
00:06:15,029 --> 00:06:20,969  
and I was always interested in in the

132  
00:06:17,819 --> 00:06:23,310  
world and I have always had a deep and

133  
00:06:20,970 --> 00:06:27,510  
abiding curiosity in things around me

134  
00:06:23,310 --> 00:06:29,550  
and so I've always wanted to know why

135  
00:06:27,509 --> 00:06:31,409  
things work and why how do they look

136  
00:06:29,550 --> 00:06:33,750  
that way why does it why does that plant

137  
00:06:31,410 --> 00:06:36,260  
grow that way and why is and so I'm

138  
00:06:33,750 --> 00:06:39,149  
always just been very inquisitive and so

139  
00:06:36,259 --> 00:06:41,269  
that's always been part of my my fabric

140  
00:06:39,149 --> 00:06:43,169  
and so I think that once I was able to

141  
00:06:41,269 --> 00:06:44,789  
get involved with skeptic inquire

142  
00:06:43,170 --> 00:06:46,890  
magazine meet people like Joe Nickell

143

00:06:44,790 --> 00:06:50,069  
and Massimo polidore on what has been in

144  
00:06:46,889 --> 00:06:52,110  
others I got an opportunity to sort of

145  
00:06:50,069 --> 00:06:54,480  
see how working the skaters did this

146  
00:06:52,110 --> 00:06:56,639  
work and I worked with Joe and I did a

147  
00:06:54,480 --> 00:06:58,560  
lot investigations on my own well you

148  
00:06:56,639 --> 00:07:01,139  
enjoy do a lot of joy nickel who's gonna

149  
00:06:58,560 --> 00:07:02,100  
be on the skeptic so soon we spoke to

150  
00:07:01,139 --> 00:07:04,019  
him yesterday you don't love

151  
00:07:02,100 --> 00:07:05,939  
investigations together don't you well

152  
00:07:04,019 --> 00:07:08,969  
we we don't do as much as much anymore

153  
00:07:05,939 --> 00:07:10,920  
partly because I don't live in Buffalo

154  
00:07:08,970 --> 00:07:12,720  
anymore I lived in Buffalo for ten years

155  
00:07:10,920 --> 00:07:14,850  
and then I moved back to New Mexico

156  
00:07:12,720 --> 00:07:17,550  
where I live now about four or five

157  
00:07:14,850 --> 00:07:18,870

years ago so four years ago so because

158

00:07:17,550 --> 00:07:21,060  
we're in different geographical

159

00:07:18,870 --> 00:07:22,949  
locations we don't really do it's mean

160

00:07:21,060 --> 00:07:25,620  
investigations to get as we used to but

161

00:07:22,949 --> 00:07:27,539  
certainly some of my earlier ones

162

00:07:25,620 --> 00:07:29,660  
particularly the lake monster books i

163

00:07:27,540 --> 00:07:32,010  
co-authored a lake monster walk with Joe

164

00:07:29,660 --> 00:07:33,990  
we're done in 10 with him and then I

165

00:07:32,009 --> 00:07:36,930  
since then I branched out into a lot of

166

00:07:33,990 --> 00:07:38,310  
other stuff so so you've just recently

167

00:07:36,930 --> 00:07:39,840  
in the last couple of months published

168

00:07:38,310 --> 00:07:43,230  
your most recent book which is called

169

00:07:39,839 --> 00:07:45,359  
tracking chupacabra the vampire based in

170

00:07:43,230 --> 00:07:48,560  
fact fiction and folklore yes now you

171

00:07:45,360 --> 00:07:53,370  
are the world expert in the chupacabra I

172  
00:07:48,560 --> 00:07:55,860  
am it's kind of a shallow pool I know

173  
00:07:53,370 --> 00:07:57,840  
being the world expert on the chupacabra

174  
00:07:55,860 --> 00:08:00,150  
is like you know being the tallest one

175  
00:07:57,839 --> 00:08:03,848  
arm you know polish you know the bingo

176  
00:08:00,149 --> 00:08:05,618  
player in the hallway it's business

177  
00:08:03,848 --> 00:08:07,778  
okay I mean is it is like five years

178  
00:08:05,619 --> 00:08:10,569  
worth of investigations isn't it to get

179  
00:08:07,778 --> 00:08:12,699  
to this point it is and you know that

180  
00:08:10,569 --> 00:08:14,740  
it's it's the world's second or third

181  
00:08:12,699 --> 00:08:18,629  
best known monster after Bigfoot and

182  
00:08:14,740 --> 00:08:21,338  
Nessie so it's really a worldwide global

183  
00:08:18,629 --> 00:08:23,619  
phenomenon topic it's not a ver it's not

184  
00:08:21,338 --> 00:08:26,379  
a local thing and that's part of the

185  
00:08:23,619 --> 00:08:29,409  
reason to take me five years research it

186  
00:08:26,379 --> 00:08:31,449  
meets the biggest investigation of my

187  
00:08:29,408 --> 00:08:34,568  
career today just because it's it's it's

188  
00:08:31,449 --> 00:08:36,519  
such a well known phenomena and I

189  
00:08:34,568 --> 00:08:37,870  
finally pieced together all the parts of

190  
00:08:36,519 --> 00:08:40,120  
the story and basically solved the

191  
00:08:37,870 --> 00:08:41,918  
mystery well don't give it away I won't

192  
00:08:40,120 --> 00:08:43,120  
give it away yet but I'm just in fact

193  
00:08:41,918 --> 00:08:45,039  
you probably shouldn't give it away here

194  
00:08:43,120 --> 00:08:46,899  
in fact but people should buy the book

195  
00:08:45,039 --> 00:08:49,179  
but it's interesting that you say it's a

196  
00:08:46,899 --> 00:08:52,240  
worldwide phenomenon because until I met

197  
00:08:49,179 --> 00:08:54,189  
you last year at ten I actually in Vegas

198  
00:08:52,240 --> 00:08:56,198  
I hadn't heard of the chuba kuna and

199  
00:08:54,190 --> 00:08:58,089  
actually took me a few weeks to get my

200

00:08:56,198 --> 00:09:00,338  
mouth to actually say Jewpacabra epic

201  
00:08:58,089 --> 00:09:02,769  
competition prize was if Spanish of

202  
00:09:00,339 --> 00:09:05,889  
course so it's not it's not Ozzy Spanish

203  
00:09:02,769 --> 00:09:07,778  
she's macabre isn't chupacabra oh the

204  
00:09:05,889 --> 00:09:11,579  
true your arse I can't do that you can't

205  
00:09:07,778 --> 00:09:13,809  
do that oh that's very bad

206  
00:09:11,578 --> 00:09:16,448  
interpretation suspect I don't know

207  
00:09:13,809 --> 00:09:17,979  
about no I was always mocking that I was

208  
00:09:16,448 --> 00:09:20,528  
you haven't attempted different layers

209  
00:09:17,980 --> 00:09:23,230  
there I was throwing in aussie and

210  
00:09:20,528 --> 00:09:26,769  
Spanish in America right that's why I

211  
00:09:23,230 --> 00:09:28,688  
say I'm so crappy so has getting back to

212  
00:09:26,769 --> 00:09:31,629  
the point yeah well you're not taking a

213  
00:09:28,688 --> 00:09:33,849  
piss out of me yeah um we haven't heard

214  
00:09:31,629 --> 00:09:35,769

of the chupacabra in Australia what has

215

00:09:33,850 --> 00:09:37,540

it has it been in Australia have there

216

00:09:35,769 --> 00:09:38,620

been any sightings down under actually I

217

00:09:37,539 --> 00:09:40,659

don't think there actually have been

218

00:09:38,620 --> 00:09:42,909

it's it's certainly known worldwide

219

00:09:40,659 --> 00:09:45,730

except for you know in your particular

220

00:09:42,909 --> 00:09:47,230

group of friends but everyone else has

221

00:09:45,730 --> 00:09:48,579

heard about certainly in the

222

00:09:47,230 --> 00:09:50,199

cryptozoology fields people who'll

223

00:09:48,578 --> 00:09:51,818

interested in monsters net that sort of

224

00:09:50,198 --> 00:09:53,349

thing it hasn't actually been cited to

225

00:09:51,818 --> 00:09:55,629

my the best of my knowledge in in

226

00:09:53,350 --> 00:09:57,100

Australia it's primarily confined to

227

00:09:55,629 --> 00:09:59,588

spanish-speaking area so you're talking

228

00:09:57,100 --> 00:10:01,000

latin america spanish speaking parts of

229  
00:09:59,589 --> 00:10:02,720  
the united states including course

230  
00:10:01,000 --> 00:10:05,149  
florida and texas and

231  
00:10:02,720 --> 00:10:07,189  
no places like that solution recover

232  
00:10:05,149 --> 00:10:09,318  
literally made good sucker doesn't yes

233  
00:10:07,188 --> 00:10:11,419  
yes this panic yeah because it's a

234  
00:10:09,318 --> 00:10:13,399  
vampire I mean it's unlike Bigfoot and

235  
00:10:11,419 --> 00:10:16,039  
Nessie and Mothman and all these other

236  
00:10:13,399 --> 00:10:18,289  
you know creatures that the mayor mount

237  
00:10:16,039 --> 00:10:20,419  
exist certainly the big name ones

238  
00:10:18,289 --> 00:10:23,208  
chupacabra is ultimately a bloodsucker

239  
00:10:20,419 --> 00:10:26,000  
it sucks the blood of animals primarily

240  
00:10:23,208 --> 00:10:29,179  
goats but also dogs and chickens and

241  
00:10:26,000 --> 00:10:30,289  
cattle livestock things like that and

242  
00:10:29,179 --> 00:10:32,479  
that was one of the reasons that I was

243  
00:10:30,289 --> 00:10:34,458  
really intrigued by it is because it's

244  
00:10:32,480 --> 00:10:36,620  
this it's you know this is this

245  
00:10:34,458 --> 00:10:38,929  
well-known certainly in Latin America

246  
00:10:36,620 --> 00:10:40,250  
and elsewhere vampire that many people

247  
00:10:38,929 --> 00:10:42,399  
really believe exists i mean this is

248  
00:10:40,250 --> 00:10:46,429  
this is something to remember is that is

249  
00:10:42,399 --> 00:10:49,309  
that it's not as if even though you know

250  
00:10:46,429 --> 00:10:51,318  
the crowd here here tam is obviously

251  
00:10:49,309 --> 00:10:52,518  
more skeptical than most even though

252  
00:10:51,318 --> 00:10:53,899  
they probably don't believe in the

253  
00:10:52,519 --> 00:10:55,188  
creature there are lots and lots of

254  
00:10:53,899 --> 00:10:56,600  
people who really do they sincerely

255  
00:10:55,188 --> 00:10:58,370  
absolutely believe that this thing

256  
00:10:56,600 --> 00:11:02,209  
exists and it's sucking the blood out of

257

00:10:58,370 --> 00:11:03,500  
goats and other animals as we speak so

258  
00:11:02,208 --> 00:11:07,669  
this is not a joke to a lot of people

259  
00:11:03,500 --> 00:11:08,870  
this is a very serious threat and and so

260  
00:11:07,669 --> 00:11:10,818  
that was one of things intrigued me was

261  
00:11:08,870 --> 00:11:13,009  
was it wasn't it's not like i'm looking

262  
00:11:10,818 --> 00:11:14,929  
for dragons or unicorns i'm looking for

263  
00:11:13,009 --> 00:11:18,050  
something that people really think is

264  
00:11:14,929 --> 00:11:19,729  
going on in put rico and elsewhere so

265  
00:11:18,049 --> 00:11:21,500  
thats that's one reasons that i want to

266  
00:11:19,730 --> 00:11:23,569  
tackle it was to sort of see if i could

267  
00:11:21,500 --> 00:11:26,600  
if i could bring it all together and

268  
00:11:23,568 --> 00:11:28,219  
sort of assembles or take take the big

269  
00:11:26,600 --> 00:11:29,600  
mystery and break it down to smaller

270  
00:11:28,220 --> 00:11:31,569  
mysteries and then solve each of those

271  
00:11:29,600 --> 00:11:33,889

so you kind of did a quanella

272

00:11:31,568 --> 00:11:36,110  
chronological investigation didn't you

273

00:11:33,889 --> 00:11:40,698  
any yes the first sort of sighting was

274

00:11:36,110 --> 00:11:43,490  
that in 1995 in yeah that the spain in

275

00:11:40,698 --> 00:11:44,508  
puerto rico here we go and and again

276

00:11:43,490 --> 00:11:46,579  
that's another thing that makes the

277

00:11:44,509 --> 00:11:48,889  
chupacabra unique is that it's a very

278

00:11:46,578 --> 00:11:50,599  
very recent creature you know if you

279

00:11:48,889 --> 00:11:52,759  
look at for example the stories of

280

00:11:50,600 --> 00:11:54,860  
Bigfoot those really only date back to

281

00:11:52,759 --> 00:11:56,539  
about the 1950s depending on how you how

282

00:11:54,860 --> 00:11:58,519  
you count them in the case to the Loch

283

00:11:56,539 --> 00:12:00,620  
Ness monster that only dates back to

284

00:11:58,519 --> 00:12:05,839  
about the 1930s in the case of

285

00:12:00,620 --> 00:12:08,499  
chupacabra you're talking 95 and so it's

286  
00:12:05,839 --> 00:12:10,599  
just you know real animals don't

287  
00:12:08,499 --> 00:12:12,579  
the appear out of nowhere is just ten

288  
00:12:10,599 --> 00:12:14,859  
really nice I just yeah just doesn't

289  
00:12:12,578 --> 00:12:16,028  
work that way and so and so it was

290  
00:12:14,859 --> 00:12:18,788  
interesting because then then the

291  
00:12:16,028 --> 00:12:20,229  
question becomes well why how do you

292  
00:12:18,788 --> 00:12:21,818  
explain that you let's assume you're

293  
00:12:20,229 --> 00:12:24,459  
believers you really believe the

294  
00:12:21,818 --> 00:12:26,528  
chupacabra exists then then you you're

295  
00:12:24,458 --> 00:12:27,968  
so you're forced to say oh okay well why

296  
00:12:26,528 --> 00:12:30,068  
didn't people hear about this you know

297  
00:12:27,969 --> 00:12:32,559  
30 40 years ago and they don't really

298  
00:12:30,068 --> 00:12:34,088  
have an answer except that on occasion

299  
00:12:32,558 --> 00:12:36,818  
it had people swear to me that they

300  
00:12:34,089 --> 00:12:39,279  
heard about the chupacabra in in the 70s

301  
00:12:36,818 --> 00:12:40,598  
and the 80s and yet there's no evidence

302  
00:12:39,278 --> 00:12:43,688  
for that and I've actually put out a

303  
00:12:40,599 --> 00:12:45,339  
reward I've said hey if you if you if

304  
00:12:43,688 --> 00:12:47,649  
you're telling me that you heard stories

305  
00:12:45,339 --> 00:12:49,569  
of the chupacabra has a blood sucking

306  
00:12:47,649 --> 00:12:52,149  
vampire beast in Puerto Rico or

307  
00:12:49,568 --> 00:12:54,368  
elsewhere show me a published reference

308  
00:12:52,149 --> 00:12:56,078  
to it I offer to a two hundred fifty

309  
00:12:54,369 --> 00:12:58,839  
dollar reward and signed copy of my book

310  
00:12:56,078 --> 00:13:01,088  
and even that word was even publicized

311  
00:12:58,839 --> 00:13:02,439  
in Puerto Rico well that's cool so far

312  
00:13:01,089 --> 00:13:05,529  
no one's come forward with it so it's

313  
00:13:02,438 --> 00:13:09,269  
it's very clearly a mystery that that

314

00:13:05,528 --> 00:13:12,308  
you know despite its global stature is

315  
00:13:09,269 --> 00:13:14,979  
15 16 years old so then how did it stop

316  
00:13:12,308 --> 00:13:16,598  
how did it it's 1995 sighting what

317  
00:13:14,979 --> 00:13:19,209  
happened can you describe to innocence

318  
00:13:16,599 --> 00:13:20,408  
rabbit sure well basically one thing you

319  
00:13:19,208 --> 00:13:22,149  
have to understand is that there's two

320  
00:13:20,408 --> 00:13:24,688  
different versions of chupacabra there's

321  
00:13:22,149 --> 00:13:28,328  
the original version that appeared in

322  
00:13:24,688 --> 00:13:31,298  
late nineteen ninety-five was a bipedal

323  
00:13:28,328 --> 00:13:33,698  
sort of spiky back creature with alien

324  
00:13:31,298 --> 00:13:36,788  
type eyes wraparound eyes and almost no

325  
00:13:33,698 --> 00:13:39,758  
ears and lip lyst mouth and had long

326  
00:13:36,788 --> 00:13:41,499  
arms and legs and fingers but again the

327  
00:13:39,759 --> 00:13:44,499  
main characteristic was the spikes going

328  
00:13:41,499 --> 00:13:47,399

down the back and that appeared in in

329

00:13:44,499 --> 00:13:51,278

run August of 95 and was seen throughout

330

00:13:47,399 --> 00:13:52,899

95 96 little bit 97 and a couple of

331

00:13:51,278 --> 00:13:55,058

sporadic sightings after that but that

332

00:13:52,899 --> 00:13:57,519

essentially petered away by about 2,000

333

00:13:55,058 --> 00:14:01,328

and then there were a couple fallow

334

00:13:57,519 --> 00:14:03,548

years and then write about 2004-2005 was

335

00:14:01,328 --> 00:14:06,038

when you when you saw the emergence of a

336

00:14:03,548 --> 00:14:08,499

second type of chupacabra and these were

337

00:14:06,038 --> 00:14:09,590

cannons these are animals from the dogs

338

00:14:08,499 --> 00:14:12,350

the

339

00:14:09,590 --> 00:14:15,530

a family's the dogs coyotes foxes things

340

00:14:12,350 --> 00:14:17,720

like that and as you can imagine these

341

00:14:15,529 --> 00:14:20,149

were not bipedal spiky back alien type

342

00:14:17,720 --> 00:14:22,129

creatures these were days let's do these

343  
00:14:20,149 --> 00:14:24,379  
look like essentially hairless or nearly

344  
00:14:22,129 --> 00:14:26,029  
hairless dogs that were you know not in

345  
00:14:24,379 --> 00:14:29,419  
good shape but certainly weren't you

346  
00:14:26,029 --> 00:14:31,610  
know extraterrestrial and so in this

347  
00:14:29,419 --> 00:14:32,929  
case however you had you had a carcasses

348  
00:14:31,610 --> 00:14:34,039  
these things were actually being found

349  
00:14:32,929 --> 00:14:34,939  
they weren't just being sighted their

350  
00:14:34,039 --> 00:14:39,649  
people were finding these things

351  
00:14:34,940 --> 00:14:41,780  
particularly in Texas and so so for

352  
00:14:39,649 --> 00:14:43,939  
believers in the chupacabra it was very

353  
00:14:41,779 --> 00:14:45,110  
frustrating to them because they they

354  
00:14:43,940 --> 00:14:46,970  
really believed that there was some

355  
00:14:45,110 --> 00:14:48,710  
weird sort of creature but then the

356  
00:14:46,970 --> 00:14:50,420  
original sightings no but no one ever

357  
00:14:48,710 --> 00:14:51,830  
there were just glimpses they were just

358  
00:14:50,419 --> 00:14:54,319  
I wouldn't report there was no actual

359  
00:14:51,830 --> 00:14:56,389  
carcasses they had to wait about 10

360  
00:14:54,320 --> 00:14:59,480  
years to find the carcasses but when

361  
00:14:56,389 --> 00:15:01,220  
when they you know the irony is that

362  
00:14:59,480 --> 00:15:02,420  
when they actually had the carcasses

363  
00:15:01,220 --> 00:15:06,830  
when they started finding these

364  
00:15:02,419 --> 00:15:08,959  
chupacabras in Texas then you've caused

365  
00:15:06,830 --> 00:15:11,680  
to scientific analysis and when you do

366  
00:15:08,960 --> 00:15:14,150  
that as I did as I detail in the book

367  
00:15:11,679 --> 00:15:17,059  
these things turn out to be dogs and

368  
00:15:14,149 --> 00:15:19,189  
coyotes and raccoons for example

369  
00:15:17,059 --> 00:15:21,519  
typically that are reflected with mange

370  
00:15:19,190 --> 00:15:24,200  
which is I which is a skin disease

371

00:15:21,519 --> 00:15:26,419  
exactly and so there are these two

372  
00:15:24,200 --> 00:15:28,610  
completely different types of

373  
00:15:26,419 --> 00:15:29,809  
chupacabras that emerged in in in

374  
00:15:28,610 --> 00:15:32,360  
different places and they take

375  
00:15:29,809 --> 00:15:33,919  
completely different forms and so when I

376  
00:15:32,360 --> 00:15:35,840  
was researching the mystery the first

377  
00:15:33,919 --> 00:15:38,539  
issue was well but what are these dead

378  
00:15:35,840 --> 00:15:41,389  
animals that that appeared you know in

379  
00:15:38,539 --> 00:15:42,620  
2005 2007 around there and that that

380  
00:15:41,389 --> 00:15:44,509  
answer was was actually pretty

381  
00:15:42,620 --> 00:15:48,950  
straightforward the answer is the DNA

382  
00:15:44,509 --> 00:15:51,230  
results are drumroll please coyote their

383  
00:15:48,950 --> 00:15:52,730  
results are dog isn't that but but I

384  
00:15:51,230 --> 00:15:54,259  
should actually mention as well that you

385  
00:15:52,730 --> 00:15:55,789

actually have the day-night analyzed

386

00:15:54,259 --> 00:15:58,009

didn't you you didn't just look at the

387

00:15:55,789 --> 00:16:00,469

carcass and say hey yeah yeah exactly

388

00:15:58,009 --> 00:16:02,210

yeah and they were thorough about yes

389

00:16:00,470 --> 00:16:03,920

determining what these talks absolutely

390

00:16:02,210 --> 00:16:05,870

absolutely and so you know I followed up

391

00:16:03,919 --> 00:16:07,519

on people who did the DNA analysis in

392

00:16:05,870 --> 00:16:09,320

fact one of them actually roiled nice

393

00:16:07,519 --> 00:16:13,220

word from my book yeah

394

00:16:09,320 --> 00:16:15,860

scott disick tell did some dr. Todd dis

395

00:16:13,220 --> 00:16:20,420

a professor of anthropology New York

396

00:16:15,860 --> 00:16:23,139

University yes and he he did he analyzed

397

00:16:20,419 --> 00:16:26,629

a couple of the DNA sequencing of those

398

00:16:23,139 --> 00:16:28,629

and so yeah I mean it's it's that then

399

00:16:26,629 --> 00:16:30,590

that that was the first part the

400  
00:16:28,629 --> 00:16:32,990  
unraveling the mystery was what are

401  
00:16:30,590 --> 00:16:34,460  
these carcasses and again the science

402  
00:16:32,990 --> 00:16:35,720  
has the answer if you have a carcass

403  
00:16:34,460 --> 00:16:38,570  
than you have a body and you can you can

404  
00:16:35,720 --> 00:16:40,790  
need the testing so that part of the

405  
00:16:38,570 --> 00:16:42,920  
mystery was kind of solved not right

406  
00:16:40,789 --> 00:16:46,699  
away but sort of fairly quickly the

407  
00:16:42,919 --> 00:16:48,199  
second part was well where did the first

408  
00:16:46,700 --> 00:16:50,120  
creature come from I mean that the

409  
00:16:48,200 --> 00:16:52,520  
original eyewitness reciting people are

410  
00:16:50,120 --> 00:16:54,889  
talking about this spiky backed weird

411  
00:16:52,519 --> 00:16:56,600  
bipedal creature instead of how there's

412  
00:16:54,889 --> 00:16:59,210  
no illustration that you have done here

413  
00:16:56,600 --> 00:17:01,490  
yes I'm the head looks like a gray alien

414  
00:16:59,210 --> 00:17:04,880  
so the long face with the big eyes what

415  
00:17:01,490 --> 00:17:06,289  
Noah's grace exactly exactly and so the

416  
00:17:04,880 --> 00:17:08,120  
question then became all right well

417  
00:17:06,289 --> 00:17:09,889  
we've already looked at this sort of the

418  
00:17:08,119 --> 00:17:12,229  
this the second type of chupacabra that

419  
00:17:09,890 --> 00:17:13,610  
emerged in the mid-2000s let's go back

420  
00:17:12,230 --> 00:17:16,120  
to the original chupacabras see if we

421  
00:17:13,609 --> 00:17:18,649  
can figure out where that came from and

422  
00:17:16,119 --> 00:17:20,659  
and you know I looked at eyewitness

423  
00:17:18,650 --> 00:17:22,970  
accounts I actually went to Puerto Rico

424  
00:17:20,660 --> 00:17:25,040  
and interviewed the the original a

425  
00:17:22,970 --> 00:17:27,430  
witness that is actually that depiction

426  
00:17:25,039 --> 00:17:30,139  
the most famous drawing of chupacabra

427  
00:17:27,430 --> 00:17:33,289  
came from one single eyewitness woman

428

00:17:30,140 --> 00:17:35,720  
named madeline tolentino who saw this

429  
00:17:33,289 --> 00:17:40,190  
creature something very much like it in

430  
00:17:35,720 --> 00:17:42,079  
august of two of 1995 and she she saw

431  
00:17:40,190 --> 00:17:43,910  
this thing and it was she had this whole

432  
00:17:42,079 --> 00:17:45,949  
detailed report and it was just outside

433  
00:17:43,910 --> 00:17:47,300  
of her house and she saw the thing with

434  
00:17:45,950 --> 00:17:49,549  
her mother and it sort of skipped across

435  
00:17:47,299 --> 00:17:51,049  
the road niche jumped out of the way and

436  
00:17:49,549 --> 00:17:52,309  
apparently there were no cars going by

437  
00:17:51,049 --> 00:17:54,980  
the time so she's really feeling the

438  
00:17:52,309 --> 00:17:56,629  
eyewitness other than her mother and she

439  
00:17:54,980 --> 00:17:59,569  
gave this very detailed description and

440  
00:17:56,630 --> 00:18:01,130  
immediately the UFO community in Puerto

441  
00:17:59,569 --> 00:18:03,349  
Rico which is actually very prominent

442  
00:18:01,130 --> 00:18:04,880

there seized on to this and sort of made

443

00:18:03,349 --> 00:18:06,259

it their own fill my God look with this

444

00:18:04,880 --> 00:18:08,540

chupacabra that's the weird thing and

445

00:18:06,259 --> 00:18:11,029

they tied it in with earlier vampiric

446

00:18:08,539 --> 00:18:13,009

stories so that sort of got launched

447

00:18:11,029 --> 00:18:15,829

into the public's consciousness and so

448

00:18:13,009 --> 00:18:19,369

in a very real way to chupacabra is is

449

00:18:15,829 --> 00:18:22,939

one of the world's most prominent medium

450

00:18:19,369 --> 00:18:26,089

monsters you know the chupacabra would

451

00:18:22,940 --> 00:18:29,710

not exist if if the woman that saw that

452

00:18:26,089 --> 00:18:32,839

creature had seen it in night in 1982 or

453

00:18:29,710 --> 00:18:35,269

1975 simply because the internet didn't

454

00:18:32,839 --> 00:18:37,849

exist and the Internet in mass media was

455

00:18:35,269 --> 00:18:40,430

that was a huge player in turning an

456

00:18:37,849 --> 00:18:43,279

otherwise somewhat strange but rather

457  
00:18:40,430 --> 00:18:45,558  
unremarkable citing into this global

458  
00:18:43,279 --> 00:18:47,000  
phenomena but how does that sighting

459  
00:18:45,558 --> 00:18:50,509  
that you just described link to the guy

460  
00:18:47,000 --> 00:18:52,279  
sucking dish did that come after or did

461  
00:18:50,509 --> 00:18:55,220  
she see this particular creature sucking

462  
00:18:52,279 --> 00:18:56,359  
a goat's blood excellent question i love

463  
00:18:55,220 --> 00:18:58,730  
i love good questions that's a good

464  
00:18:56,359 --> 00:19:00,678  
question i'm not just kissing another

465  
00:18:58,730 --> 00:19:05,329  
good question PP a lot of people miss

466  
00:19:00,679 --> 00:19:06,620  
that no the answer is that that there

467  
00:19:05,329 --> 00:19:09,589  
are a couple different things happen is

468  
00:19:06,619 --> 00:19:10,939  
that when she saw this this entity she

469  
00:19:09,589 --> 00:19:12,949  
did not immediately say that must be the

470  
00:19:10,940 --> 00:19:14,750  
chupacabra she did not identify as a

471  
00:19:12,950 --> 00:19:16,549  
chupacabra said I saw something weird

472  
00:19:14,750 --> 00:19:19,160  
this is what it looked like and other

473  
00:19:16,549 --> 00:19:21,379  
people put the chupacabra label on her

474  
00:19:19,160 --> 00:19:24,429  
experience and then from from there it

475  
00:19:21,380 --> 00:19:29,600  
sort of snowballed what you find is that

476  
00:19:24,429 --> 00:19:31,730  
in Puerto Rico in earlier in 1995 and

477  
00:19:29,599 --> 00:19:33,799  
and and somewhat before then there had

478  
00:19:31,730 --> 00:19:36,110  
been what were considered to be strange

479  
00:19:33,799 --> 00:19:37,940  
and mysterious livestock predations you

480  
00:19:36,109 --> 00:19:41,359  
know people of farmers for example would

481  
00:19:37,940 --> 00:19:43,910  
find a or a cat or goat or hogs or

482  
00:19:41,359 --> 00:19:46,939  
whatever that had been attacked by some

483  
00:19:43,910 --> 00:19:49,400  
animal and and they believed had their

484  
00:19:46,940 --> 00:19:50,660  
blood sucked out of them you find this

485

00:19:49,400 --> 00:19:54,230  
claim over and over and over and over

486  
00:19:50,660 --> 00:19:56,000  
again in internet in web pages and

487  
00:19:54,230 --> 00:19:59,599  
magazine articles and books and this and

488  
00:19:56,000 --> 00:20:01,369  
that dad I Lien's do it normally well in

489  
00:19:59,599 --> 00:20:04,490  
some cases yet it's actually a fitting

490  
00:20:01,369 --> 00:20:08,389  
because one of the one of the curious

491  
00:20:04,490 --> 00:20:11,269  
facets of the this sort of animal

492  
00:20:08,390 --> 00:20:14,600  
mutilation is that you can have exactly

493  
00:20:11,269 --> 00:20:16,220  
the same physical evidence that is

494  
00:20:14,599 --> 00:20:18,619  
interpreted in 3 completely different

495  
00:20:16,220 --> 00:20:20,779  
ways right I don't know what I mentioned

496  
00:20:18,619 --> 00:20:23,659  
this earlier talk or not but basically

497  
00:20:20,779 --> 00:20:26,690  
if you have a goat or a

498  
00:20:23,660 --> 00:20:28,670  
a cow or something let's say that had is

499  
00:20:26,690 --> 00:20:30,920

found by a farmer with you know to

500

00:20:28,670 --> 00:20:33,620

puncture marks on its neck and appears

501

00:20:30,920 --> 00:20:38,930

to be drained of blood if that was found

502

00:20:33,619 --> 00:20:42,379

say in 1978 Texas that might be

503

00:20:38,930 --> 00:20:46,009

attributed to satanic cults right if you

504

00:20:42,380 --> 00:20:49,430

found that exact same carcass in in the

505

00:20:46,009 --> 00:20:51,710

say the mid 80s in New Mexico that would

506

00:20:49,430 --> 00:20:54,350

be attributed to aliens if you found

507

00:20:51,710 --> 00:20:57,340

that exact same carcass in say South

508

00:20:54,349 --> 00:21:00,889

Texas or Puerto Rico in the late 90s

509

00:20:57,339 --> 00:21:01,970

it's a chupacabra and I mean that I mean

510

00:21:00,890 --> 00:21:03,620

it's a proven fact I mean that that's

511

00:21:01,970 --> 00:21:05,980

exactly what happens is that you have

512

00:21:03,619 --> 00:21:08,119

these completely disparate

513

00:21:05,980 --> 00:21:10,279

irreconcilable interpretations all

514  
00:21:08,119 --> 00:21:13,129  
cultural interpretations important to

515  
00:21:10,279 --> 00:21:14,180  
note of the exact same evidence you know

516  
00:21:13,130 --> 00:21:16,220  
we're different people in different

517  
00:21:14,180 --> 00:21:18,560  
places we'll look at the exact same damn

518  
00:21:16,220 --> 00:21:20,750  
thing and have completely different and

519  
00:21:18,559 --> 00:21:23,119  
and to each of them what's all there

520  
00:21:20,750 --> 00:21:26,390  
don't you get obviously it's the

521  
00:21:23,119 --> 00:21:28,639  
Satanist i Leah obviously right and and

522  
00:21:26,390 --> 00:21:30,890  
and and without and that's one thing

523  
00:21:28,640 --> 00:21:32,930  
that I that I was pleased I was able to

524  
00:21:30,890 --> 00:21:35,240  
bring to the book is the context because

525  
00:21:32,930 --> 00:21:36,920  
oftentimes the context is important to

526  
00:21:35,240 --> 00:21:39,170  
solving the mystery music because of you

527  
00:21:36,920 --> 00:21:40,789  
if you don't understand the broader

528  
00:21:39,170 --> 00:21:43,310  
context of how these different things

529  
00:21:40,789 --> 00:21:44,960  
fit in then you're just sort of you know

530  
00:21:43,309 --> 00:21:47,809  
you're pissing in the wind because you

531  
00:21:44,960 --> 00:21:49,549  
don't know you don't know how to put it

532  
00:21:47,809 --> 00:21:50,929  
together and so that was one of the

533  
00:21:49,549 --> 00:21:52,579  
things that I did with it so so

534  
00:21:50,930 --> 00:21:55,789  
ultimately to give back to your question

535  
00:21:52,579 --> 00:21:58,549  
you know earlier in 1995 there was a

536  
00:21:55,789 --> 00:22:00,200  
pre-existing belief that something weird

537  
00:21:58,549 --> 00:22:03,019  
was attacking animals on an island

538  
00:22:00,200 --> 00:22:05,180  
puerto rico nobody called the chupacabra

539  
00:22:03,019 --> 00:22:07,819  
no one necessarily said it was a vampire

540  
00:22:05,180 --> 00:22:10,400  
although some people thought it was and

541  
00:22:07,819 --> 00:22:12,439  
certainly nobody had a forum no one said

542

00:22:10,400 --> 00:22:13,910  
oh it looks like this it has the spikes

543  
00:22:12,440 --> 00:22:15,980  
in the back no one said that it was just

544  
00:22:13,910 --> 00:22:17,480  
every now and then someone's finding gay

545  
00:22:15,980 --> 00:22:19,120  
animals we think their bloods been

546  
00:22:17,480 --> 00:22:23,150  
drained there's something weird and that

547  
00:22:19,119 --> 00:22:24,889  
there was this some sort of social fear

548  
00:22:23,150 --> 00:22:27,019  
those this anxiety like something weirds

549  
00:22:24,890 --> 00:22:30,170  
going on here and it wasn't until this

550  
00:22:27,019 --> 00:22:33,109  
woman siting in August of 1995 that

551  
00:22:30,170 --> 00:22:33,980  
crystallized it suddenly oh my god you

552  
00:22:33,109 --> 00:22:36,529  
know that thing that's been attacking

553  
00:22:33,980 --> 00:22:39,019  
these animals she saw this

554  
00:22:36,529 --> 00:22:40,789  
and it's chupacabra will ecology of god

555  
00:22:39,019 --> 00:22:43,629  
this is what looks like and so her

556  
00:22:40,789 --> 00:22:46,609

sighting gave an otherwise amorphous

557

00:22:43,630 --> 00:22:49,700

social anxiety a very specific definite

558

00:22:46,609 --> 00:22:53,509

form and characteristics and so that's

559

00:22:49,700 --> 00:22:54,830

sort of how that how that emerged so you

560

00:22:53,509 --> 00:22:56,000

actually went and spoke to her didn't

561

00:22:54,829 --> 00:22:57,980

you I mean you're not an armchair

562

00:22:56,000 --> 00:22:59,869

skeptic which I guess some people often

563

00:22:57,980 --> 00:23:02,720

get accused of where you just set on the

564

00:22:59,869 --> 00:23:04,729

internets and we hope don't have to you

565

00:23:02,720 --> 00:23:07,370

actually went out and spoke to her yes

566

00:23:04,730 --> 00:23:09,589

yes in fact yeah it would turn out very

567

00:23:07,369 --> 00:23:11,979

well in fact in fact a friend of mine

568

00:23:09,589 --> 00:23:14,509

Jenna Griffith helped me track her down

569

00:23:11,980 --> 00:23:17,210

through her ex-husband on Facebook of

570

00:23:14,509 --> 00:23:18,859

all please really yeah I Carol themes

571  
00:23:17,210 --> 00:23:21,650  
the power of the interwebs that's right

572  
00:23:18,859 --> 00:23:25,009  
i had um you know i heard about her of

573  
00:23:21,650 --> 00:23:27,350  
course and and I'd you know having

574  
00:23:25,009 --> 00:23:31,579  
researched monsters and those sorts of

575  
00:23:27,349 --> 00:23:33,469  
things you know I I knew about the story

576  
00:23:31,579 --> 00:23:35,059  
new exciting but she basically dropped

577  
00:23:33,470 --> 00:23:38,110  
out of sight since her sighting I mean

578  
00:23:35,059 --> 00:23:40,339  
she said she had this this event in 1995

579  
00:23:38,109 --> 00:23:41,419  
and then I think she'd give mordor two

580  
00:23:40,339 --> 00:23:43,609  
interviews and basically it just

581  
00:23:41,420 --> 00:23:45,350  
disappeared i mean just people talk

582  
00:23:43,609 --> 00:23:47,149  
about chupacabra but but again the

583  
00:23:45,349 --> 00:23:48,889  
chupacabra head had moved on he had

584  
00:23:47,150 --> 00:23:50,780  
moved on to becoming amazing exactly

585  
00:23:48,890 --> 00:23:52,520  
yeah exactly so so you know and that's

586  
00:23:50,779 --> 00:23:54,109  
the thing is that you know because these

587  
00:23:52,519 --> 00:23:56,299  
chupacabras are these these you know

588  
00:23:54,109 --> 00:23:58,490  
these dead hairless dogs we found in

589  
00:23:56,299 --> 00:23:59,960  
Texas there's no real reason to connect

590  
00:23:58,490 --> 00:24:01,460  
that back to the original chupacabra

591  
00:23:59,960 --> 00:24:02,930  
citing unless you're trying to solve all

592  
00:24:01,460 --> 00:24:04,430  
day a mystery otherwise there's no

593  
00:24:02,930 --> 00:24:06,590  
reason why people call Maryland

594  
00:24:04,430 --> 00:24:07,970  
tolentino to ask her about a dead dog in

595  
00:24:06,589 --> 00:24:09,679  
Texas there's no but there's no

596  
00:24:07,970 --> 00:24:13,490  
connection unless you sort of piece it

597  
00:24:09,680 --> 00:24:15,049  
together and so so yeah so I went and

598  
00:24:13,490 --> 00:24:16,849  
interviewed on to Puerto Rico and

599

00:24:15,049 --> 00:24:20,119  
interviewed mrs. tolentino and her

600  
00:24:16,849 --> 00:24:21,889  
ex-husband who was still there and she

601  
00:24:20,119 --> 00:24:23,539  
showed me the original site and I talked

602  
00:24:21,890 --> 00:24:25,580  
to her got photographs did an extensive

603  
00:24:23,539 --> 00:24:28,579  
interview with her at a noisy bookstore

604  
00:24:25,579 --> 00:24:30,049  
outside of San Juan I went to El Yunque

605  
00:24:28,579 --> 00:24:32,899  
rainforest which is supposedly the

606  
00:24:30,049 --> 00:24:34,490  
birthplace of chupacabra it's a jungle

607  
00:24:32,900 --> 00:24:37,130  
area that actually has a research

608  
00:24:34,490 --> 00:24:38,089  
facility in it and it's so people have

609  
00:24:37,130 --> 00:24:40,770  
this sort of

610  
00:24:38,089 --> 00:24:42,990  
suspicion conspiracy element to the

611  
00:24:40,769 --> 00:24:45,779  
whole story because of the the presence

612  
00:24:42,990 --> 00:24:47,130  
of a government lab there yeah so

613  
00:24:45,779 --> 00:24:49,079

there's lots of conspiracy it's

614

00:24:47,130 --> 00:24:52,200

interesting yeah it's a conspiracy stuff

615

00:24:49,079 --> 00:24:56,129

in there and then I also went to I went

616

00:24:52,200 --> 00:24:57,809

to to Texas to go look at the second

617

00:24:56,130 --> 00:25:00,870

temperature covered this this deadhead

618

00:24:57,809 --> 00:25:04,769

this woman had in her in her freezer for

619

00:25:00,869 --> 00:25:07,229

the the TV show monsterQuest so I wanted

620

00:25:04,769 --> 00:25:08,819

that for TV show and then I also went

621

00:25:07,230 --> 00:25:10,769

she had a dead head in her freezer I

622

00:25:08,819 --> 00:25:12,960

can't let that go by yes a dead head in

623

00:25:10,769 --> 00:25:14,549

a freezer she she found his woman in

624

00:25:12,960 --> 00:25:18,630

Phyllis Canyon so I feed the most famous

625

00:25:14,549 --> 00:25:21,029

chupacabra found ever there was in 2007

626

00:25:18,630 --> 00:25:23,550

she called it to the the summer of the

627

00:25:21,029 --> 00:25:25,109

chupacabras because she found one or two

628  
00:25:23,549 --> 00:25:27,509  
I think she's since found another one

629  
00:25:25,109 --> 00:25:31,139  
but she found one dead dog or actually

630  
00:25:27,509 --> 00:25:34,740  
turneth big coyote on near her ranch out

631  
00:25:31,140 --> 00:25:35,970  
in Cuero Texas and she she saved it and

632  
00:25:34,740 --> 00:25:37,440  
she's like oh my god this must be the

633  
00:25:35,970 --> 00:25:39,720  
chupacabra she went on the internet and

634  
00:25:37,440 --> 00:25:41,009  
this is this is the pattern you see over

635  
00:25:39,720 --> 00:25:43,700  
and over again someone's find some they

636  
00:25:41,009 --> 00:25:45,660  
can't explain like something weird Oh

637  
00:25:43,700 --> 00:25:48,090  
chupacabra Pollock talking something

638  
00:25:45,660 --> 00:25:50,610  
weird exactly basic yeah it's something

639  
00:25:48,089 --> 00:25:52,470  
weird right and I'm almost never is

640  
00:25:50,609 --> 00:25:53,819  
there a direct connection between in

641  
00:25:52,470 --> 00:25:55,259  
fact that there's never a direct

642  
00:25:53,819 --> 00:25:57,029  
connection between you know this this

643  
00:25:55,259 --> 00:25:59,339  
dead animal they're finding that looks

644  
00:25:57,029 --> 00:26:01,680  
weird and any blood the trained and

645  
00:25:59,339 --> 00:26:04,079  
there's just you know just by eye so yes

646  
00:26:01,680 --> 00:26:05,490  
that spec to my question Elias and I

647  
00:26:04,079 --> 00:26:07,649  
found a dead what turned out to be a

648  
00:26:05,490 --> 00:26:10,740  
coyote yes but was she finding animals

649  
00:26:07,650 --> 00:26:13,050  
on her ass had had punch marks she she

650  
00:26:10,740 --> 00:26:14,730  
she had previously found she said that

651  
00:26:13,049 --> 00:26:16,049  
something was attacking her I think it

652  
00:26:14,730 --> 00:26:18,690  
was chicken that may be killed like one

653  
00:26:16,049 --> 00:26:22,769  
of her kittens so yes the answer is that

654  
00:26:18,690 --> 00:26:25,049  
she she it yes it didn't haven't had

655  
00:26:22,769 --> 00:26:26,400  
punishments uh that's what you said I

656

00:26:25,049 --> 00:26:27,450  
mean I didn't see it but by this I mean

657  
00:26:26,400 --> 00:26:29,070  
this was this has been a year or two

658  
00:26:27,450 --> 00:26:30,480  
later shouldn't you kiddin for me to see

659  
00:26:29,069 --> 00:26:33,299  
you thankfully really but she had a head

660  
00:26:30,480 --> 00:26:35,400  
in there phrase it was well well because

661  
00:26:33,299 --> 00:26:38,299  
she thinks that that's a chupacabra yeah

662  
00:26:35,400 --> 00:26:42,000  
she's less interested in the dead gasps

663  
00:26:38,299 --> 00:26:44,190  
but yeah it was curious and so but but

664  
00:26:42,000 --> 00:26:47,130  
yeah so she kept the head because again

665  
00:26:44,190 --> 00:26:48,750  
she believes it's a chupacabra um and so

666  
00:26:47,130 --> 00:26:49,560  
she kept in the freezer and I got to

667  
00:26:48,750 --> 00:26:52,859  
examine it

668  
00:26:49,559 --> 00:26:54,809  
and mrs. meltus oh yeah I there's a

669  
00:26:52,859 --> 00:26:56,369  
serious funk around that thing have you

670  
00:26:54,809 --> 00:26:57,869

ever had a dead oh I had just had this

671

00:26:56,369 --> 00:26:59,699

image of he likes putting it to your

672

00:26:57,869 --> 00:27:01,589

nose and sniffing it I did that yen I

673

00:26:59,700 --> 00:27:03,210

would have licked it well I probably

674

00:27:01,589 --> 00:27:05,970

wouldn't have liked it I'm not I'm not

675

00:27:03,210 --> 00:27:08,910

I'm yeah is this a certain time serving

676

00:27:05,970 --> 00:27:13,799

Western I hope I Supercop really it's

677

00:27:08,910 --> 00:27:15,210

not it no it's not sexual it's didn't

678

00:27:13,799 --> 00:27:17,519

say that well I thought that's where

679

00:27:15,210 --> 00:27:20,100

you're going with that licking to pecado

680

00:27:17,519 --> 00:27:21,420

know but the point here is that is you

681

00:27:20,099 --> 00:27:24,240

need to get as much information as you

682

00:27:21,420 --> 00:27:27,330

can about this right now if this really

683

00:27:24,240 --> 00:27:30,440

is a sever chupacabra head if I could be

684

00:27:27,329 --> 00:27:33,329

the first person in the world to know

685  
00:27:30,440 --> 00:27:35,700  
for sure what a chupacabra head tastes

686  
00:27:33,329 --> 00:27:39,089  
like I'm willing to do that you'll be

687  
00:27:35,700 --> 00:27:42,150  
famous i will be doing the talk show

688  
00:27:39,089 --> 00:27:45,389  
circuit 7 yeah yeah look where it's

689  
00:27:42,150 --> 00:27:47,190  
gotten me so far yeah so I'm so I I

690  
00:27:45,390 --> 00:27:49,680  
didn't end up licking in I did smell it

691  
00:27:47,190 --> 00:27:51,420  
I did touch it um there's photographs of

692  
00:27:49,680 --> 00:27:53,340  
it my book so what is it smell like I

693  
00:27:51,420 --> 00:27:55,560  
mean it's frozen right so I shouldn't be

694  
00:27:53,339 --> 00:27:57,750  
that smelly yeah well it's been frozen

695  
00:27:55,559 --> 00:28:00,389  
unfrozen i think i think the the phrase

696  
00:27:57,750 --> 00:28:01,950  
I used in the book was a it looked like

697  
00:28:00,390 --> 00:28:04,650  
something that death brought with him in

698  
00:28:01,950 --> 00:28:06,900  
a suitcase which is a line that I borrow

699  
00:28:04,650 --> 00:28:09,360  
from Warren Zevon I one of my favorite

700  
00:28:06,900 --> 00:28:11,550  
musicians but it was via it was just

701  
00:28:09,359 --> 00:28:14,399  
very funky very Gainey sort of like you

702  
00:28:11,549 --> 00:28:17,399  
would expect a dead carcass dog to smell

703  
00:28:14,400 --> 00:28:19,530  
like although again it's a coyote but so

704  
00:28:17,400 --> 00:28:22,769  
yeah I did that as well also went to the

705  
00:28:19,529 --> 00:28:24,389  
jungles of Nicaragua i did a jungle

706  
00:28:22,769 --> 00:28:26,819  
expedition in search of above the

707  
00:28:24,390 --> 00:28:28,410  
chupacabra and I was there I Nicaragua

708  
00:28:26,819 --> 00:28:30,299  
well there's couple reasons for

709  
00:28:28,410 --> 00:28:33,029  
Nicaragua one of them is that there was

710  
00:28:30,299 --> 00:28:35,579  
a very important sighting in in the year

711  
00:28:33,029 --> 00:28:37,710  
2000 in nicaragua in a place called mal

712  
00:28:35,579 --> 00:28:41,250  
ESO which is north of Managua the

713

00:28:37,710 --> 00:28:45,529  
capital and there was a guy a farmer

714  
00:28:41,250 --> 00:28:48,359  
actually who named Jorge talavera who

715  
00:28:45,529 --> 00:28:51,059  
had been experiencing liason livestock

716  
00:28:48,359 --> 00:28:52,500  
predation and he ended up laying wait

717  
00:28:51,059 --> 00:28:54,299  
for whatever was it was attacking his

718  
00:28:52,500 --> 00:28:57,150  
livestock and he you know him as one of

719  
00:28:54,299 --> 00:28:58,349  
his helpers saw these one or two

720  
00:28:57,150 --> 00:29:00,929  
creatures he's not sure I mean

721  
00:28:58,349 --> 00:29:02,819  
attack his animals and he shot at it in

722  
00:29:00,929 --> 00:29:04,980  
the dark thinking it was something weird

723  
00:29:02,819 --> 00:29:07,740  
maybe chupacabra and then a couple days

724  
00:29:04,980 --> 00:29:11,220  
later his one of his helpers found a

725  
00:29:07,740 --> 00:29:12,839  
carcass basically bones some distance

726  
00:29:11,220 --> 00:29:15,509  
away and he believed that that that was

727  
00:29:12,839 --> 00:29:18,740

what acting these animals and he took it

728

00:29:15,509 --> 00:29:21,359  
to a he took it to a university and

729

00:29:18,740 --> 00:29:23,400  
saying look I found the chupacabra these

730

00:29:21,359 --> 00:29:26,129  
are typical roams the University said

731

00:29:23,400 --> 00:29:27,870  
that it was in fact dog carcass at that

732

00:29:26,130 --> 00:29:29,610  
point talavera was not pleased about

733

00:29:27,869 --> 00:29:32,489  
this and he claimed there was a

734

00:29:29,609 --> 00:29:34,439  
conspiracy that the the university had

735

00:29:32,490 --> 00:29:36,029  
actually swell swapped in fact

736

00:29:34,440 --> 00:29:38,909  
interesting when you look and warm other

737

00:29:36,029 --> 00:29:41,190  
chupacabra there's there's all sorts of

738

00:29:38,909 --> 00:29:43,260  
interesting conspiracy theories going

739

00:29:41,190 --> 00:29:47,159  
through it there's creationist stories

740

00:29:43,259 --> 00:29:48,720  
going through it folklore vampirism it's

741

00:29:47,159 --> 00:29:49,860  
it's it's a fascinating story ID

742  
00:29:48,720 --> 00:29:52,259  
students to me because I spent so much

743  
00:29:49,859 --> 00:29:53,579  
time on it but anyway to answer your

744  
00:29:52,259 --> 00:29:55,769  
question why Nicaragua that was one

745  
00:29:53,579 --> 00:29:58,678  
reason was that was that there have been

746  
00:29:55,769 --> 00:30:00,690  
significant even though it's almost

747  
00:29:58,679 --> 00:30:02,759  
certainly not chupacabra that was a very

748  
00:30:00,690 --> 00:30:05,580  
different sighting report in in two

749  
00:30:02,759 --> 00:30:09,509  
thousand in Nicaragua the second part

750  
00:30:05,579 --> 00:30:12,178  
was that if these things still exist if

751  
00:30:09,509 --> 00:30:13,650  
the chupacabra exists then they have to

752  
00:30:12,179 --> 00:30:15,298  
be in a place where they're not being

753  
00:30:13,650 --> 00:30:16,798  
seen routinely they have been a place

754  
00:30:15,298 --> 00:30:19,769  
that they're hidden away from

755  
00:30:16,798 --> 00:30:23,490  
civilization and yet they have access to

756  
00:30:19,769 --> 00:30:26,519  
food printer / to be blood and so the

757  
00:30:23,490 --> 00:30:28,919  
area that I went to in the in the jungle

758  
00:30:26,519 --> 00:30:30,839  
of Nicaragua is actually a protected by

759  
00:30:28,919 --> 00:30:32,788  
Oh Resort Park you have to have special

760  
00:30:30,839 --> 00:30:36,000  
access to go there it's not open to the

761  
00:30:32,788 --> 00:30:38,640  
public it's pretty remote and so it made

762  
00:30:36,000 --> 00:30:40,230  
sense that if if if there's a breeding

763  
00:30:38,640 --> 00:30:42,900  
population of these chupacabras that

764  
00:30:40,230 --> 00:30:45,659  
really are existing in attacking animals

765  
00:30:42,900 --> 00:30:47,280  
of realms that because it's a protected

766  
00:30:45,659 --> 00:30:48,510  
area their reserve animals in there in

767  
00:30:47,279 --> 00:30:49,918  
fact there are quite a few animals in

768  
00:30:48,509 --> 00:30:51,900  
there because of the assle remote and

769  
00:30:49,919 --> 00:30:53,340  
so predicted that it would be natural

770

00:30:51,900 --> 00:30:55,140  
play for Tripucka we would be able to

771  
00:30:53,339 --> 00:30:57,599  
attack animals without essentially

772  
00:30:55,140 --> 00:30:58,980  
without being seen and as it turns out I

773  
00:30:57,599 --> 00:31:01,038  
didn't know this until I went there but

774  
00:30:58,980 --> 00:31:03,269  
many of the areas around it are actually

775  
00:31:01,038 --> 00:31:05,650  
ranches and there's there's livestock

776  
00:31:03,269 --> 00:31:07,690  
round Wow so there's I mean

777  
00:31:05,650 --> 00:31:09,790  
going down the river I'm seeing cattle

778  
00:31:07,690 --> 00:31:11,950  
everywhere i'm like well hey if i was a

779  
00:31:09,789 --> 00:31:14,889  
chupacabra this is where I'd be so

780  
00:31:11,950 --> 00:31:16,509  
basically my point was that yeah not to

781  
00:31:14,890 --> 00:31:18,340  
dress it up the armchair issue yeah it

782  
00:31:16,509 --> 00:31:20,200  
was important that i actually do field

783  
00:31:18,339 --> 00:31:23,949  
research to go out there go in there go

784  
00:31:20,200 --> 00:31:26,080

in the field you know I you know you

785

00:31:23,950 --> 00:31:28,750

could say well you know couldn't you a

786

00:31:26,079 --> 00:31:31,119

spend i spent five days there um you

787

00:31:28,750 --> 00:31:32,859

know it it was a legitimate effort I

788

00:31:31,119 --> 00:31:34,539

mean I hired a tracker I was somebody

789

00:31:32,859 --> 00:31:36,789

who's in the area I mean it was it was a

790

00:31:34,539 --> 00:31:38,559

legitimate expedition you know can I say

791

00:31:36,789 --> 00:31:42,039

that I honestly believed it was going to

792

00:31:38,559 --> 00:31:45,129

find the chupacabra not necessarily but

793

00:31:42,039 --> 00:31:46,779

I was open to it I mean I I wasn't this

794

00:31:45,130 --> 00:31:48,670

wasn't a joke I mean I spent a lot of

795

00:31:46,779 --> 00:31:50,470

time and effort to get there and if I

796

00:31:48,670 --> 00:31:51,610

had found any evidence to Jewpacabra you

797

00:31:50,470 --> 00:31:53,620

can be damn sure I would have followed

798

00:31:51,609 --> 00:31:55,029

up on it so what do you what did you do

799

00:31:53,619 --> 00:31:59,500

you went in there with the tracker and

800

00:31:55,029 --> 00:32:02,049

what you set up camp and then yo yeah we

801

00:31:59,500 --> 00:32:04,839

did a couple different things um one

802

00:32:02,049 --> 00:32:06,009

thing was we it actually took it took

803

00:32:04,839 --> 00:32:07,839

fair amount time just to get there

804

00:32:06,009 --> 00:32:10,960

because it's again we had to go by plane

805

00:32:07,839 --> 00:32:13,359

and then bus and then boat and then a

806

00:32:10,960 --> 00:32:15,700

little roads this is getting further and

807

00:32:13,359 --> 00:32:17,979

further away but we ended up in this

808

00:32:15,700 --> 00:32:19,960

little tiny Lodge wasn't even a lodge is

809

00:32:17,980 --> 00:32:21,400

no electricity there was a little

810

00:32:19,960 --> 00:32:24,759

generator came on a couple hours at

811

00:32:21,400 --> 00:32:27,670

night but we spent a lot of time hiking

812

00:32:24,759 --> 00:32:29,859

the trails in the area we actually would

813  
00:32:27,670 --> 00:32:33,640  
cross the river into the the protected

814  
00:32:29,859 --> 00:32:35,859  
area the bio Park area and looked around

815  
00:32:33,640 --> 00:32:37,480  
there we hired a tracker again who's

816  
00:32:35,859 --> 00:32:39,459  
been in the area has been doing that for

817  
00:32:37,480 --> 00:32:43,690  
I think eight years seniors at that

818  
00:32:39,460 --> 00:32:45,759  
point and so we were saying oh look is

819  
00:32:43,690 --> 00:32:47,080  
there anything here and we looked at we

820  
00:32:45,759 --> 00:32:49,180  
found monkeys we found all sorts of

821  
00:32:47,079 --> 00:32:50,079  
other animals I interviewed him i said

822  
00:32:49,180 --> 00:32:52,420  
you know have you heard about the

823  
00:32:50,079 --> 00:32:56,859  
chupacabra he said yes do you live it's

824  
00:32:52,420 --> 00:32:59,470  
real he sort of gave me this I'm sorry

825  
00:32:56,859 --> 00:33:01,569  
gave me this look like phase you problem

826  
00:32:59,470 --> 00:33:03,630  
Ben hey you had a skeptical tracker

827

00:33:01,569 --> 00:33:06,549  
who's

828  
00:33:03,630 --> 00:33:09,610  
they vanished in his presence yeah but

829  
00:33:06,549 --> 00:33:12,220  
to avoid exactly that i also i also

830  
00:33:09,609 --> 00:33:14,259  
talked to several local ranchers because

831  
00:33:12,220 --> 00:33:17,140  
i realized that just because this one

832  
00:33:14,259 --> 00:33:19,629  
particular bio park employee who was

833  
00:33:17,140 --> 00:33:21,820  
actually very good at finding tracks and

834  
00:33:19,630 --> 00:33:22,930  
and identifying animals just because he

835  
00:33:21,819 --> 00:33:24,279  
hadn't seen it doesn't mean that other

836  
00:33:22,930 --> 00:33:25,720  
people hadn't seen and so was important

837  
00:33:24,279 --> 00:33:27,549  
to me to talk to other people so when I

838  
00:33:25,720 --> 00:33:29,890  
was in the town I asked a couple people

839  
00:33:27,549 --> 00:33:31,930  
i mean people who had ranches name I

840  
00:33:29,890 --> 00:33:35,350  
said you know do you do work nearby says

841  
00:33:31,930 --> 00:33:36,759

yes have you had any any weird you know

842

00:33:35,349 --> 00:33:40,449

livestock predation or anything else

843

00:33:36,759 --> 00:33:43,150

that he says no I mean Jaguars I'm and

844

00:33:40,450 --> 00:33:44,470

Jaguar sometimes attack animals we don't

845

00:33:43,150 --> 00:33:46,150

believe in chupacabra there's never

846

00:33:44,470 --> 00:33:48,299

anything weird like that so the answer's

847

00:33:46,150 --> 00:33:51,700

no in fact that's what that's what this

848

00:33:48,299 --> 00:33:54,279

that's what the the guide said a guy

849

00:33:51,700 --> 00:33:55,930

named fernando i said that the the

850

00:33:54,279 --> 00:33:58,240

ranchers here are far more afraid of mad

851

00:33:55,930 --> 00:34:01,660

cow disease and chip and jaguars the

852

00:33:58,240 --> 00:34:03,370

chupacabras so he knew I said that that

853

00:34:01,660 --> 00:34:05,650

was part it was was was interviewing

854

00:34:03,369 --> 00:34:08,138

people they're looking for things and

855

00:34:05,650 --> 00:34:11,050

then the second part of it was looking

856  
00:34:08,139 --> 00:34:12,909  
for tracks because it's one thing to say

857  
00:34:11,050 --> 00:34:14,769  
that the chupacabra hides and then you

858  
00:34:12,909 --> 00:34:16,059  
can't always find it in Weber elves it's

859  
00:34:14,769 --> 00:34:19,090  
another name state doesn't need tracks

860  
00:34:16,059 --> 00:34:21,398  
and so so that was important to me was

861  
00:34:19,090 --> 00:34:23,350  
was the even though I mean the fact you

862  
00:34:21,398 --> 00:34:25,269  
can go look for something just don't see

863  
00:34:23,349 --> 00:34:27,429  
doesn't mean it's not there but it

864  
00:34:25,269 --> 00:34:29,710  
should leave tracks yeah and i should

865  
00:34:27,429 --> 00:34:37,110  
say scat too much it's Caswell right

866  
00:34:29,710 --> 00:34:43,269  
exactly right who who says weird he said

867  
00:34:37,110 --> 00:34:46,740  
um but yes i'll just say poo so um we

868  
00:34:43,269 --> 00:34:49,809  
didn't see either either tracked or poo

869  
00:34:46,739 --> 00:34:51,549  
well there could have been there because

870  
00:34:49,809 --> 00:34:55,809  
i'm just i was at my mention poem

871  
00:34:51,550 --> 00:34:58,480  
because we owe this we don't say that in

872  
00:34:55,809 --> 00:35:02,210  
America no say hello did you say we see

873  
00:34:58,480 --> 00:35:07,619  
the scatter or we don't say hey

874  
00:35:02,210 --> 00:35:12,778  
hey poo poo nevermind yeah it's just a

875  
00:35:07,619 --> 00:35:14,910  
subject so I'm you do claim that you

876  
00:35:12,778 --> 00:35:17,039  
have solved this 15 year old mystery of

877  
00:35:14,909 --> 00:35:18,379  
randomized origin but I don't know if we

878  
00:35:17,039 --> 00:35:20,369  
want to keep away the whole story

879  
00:35:18,380 --> 00:35:22,858  
because we want people to buy the book

880  
00:35:20,369 --> 00:35:25,890  
well it's fascinating book i mean i can

881  
00:35:22,858 --> 00:35:27,028  
certainly the books been out for a

882  
00:35:25,889 --> 00:35:28,618  
couple months now i mean if someone

883  
00:35:27,028 --> 00:35:30,298  
really wants to find out what my answer

884

00:35:28,619 --> 00:35:33,809  
is that it's not it's not that hard to

885  
00:35:30,298 --> 00:35:35,849  
find but yeah I mean basically I i did

886  
00:35:33,809 --> 00:35:37,859  
i'm convinced that i have solved the

887  
00:35:35,849 --> 00:35:39,900  
mystery and I don't say that lightly and

888  
00:35:37,858 --> 00:35:41,578  
listeners don't forget to tune in next

889  
00:35:39,900 --> 00:35:44,430  
week for part two of this interview

890  
00:35:41,579 --> 00:35:47,990  
where Ben reveals the secrets behind the

891  
00:35:44,429 --> 00:35:47,989  
mystery of the chupacabra

892  
00:35:56,079 --> 00:36:01,429  
hello on Allah needle on solo scoffs of

893  
00:35:59,239 --> 00:36:03,559  
dip moment been to an ad low so another

894  
00:36:01,429 --> 00:36:08,089  
skeptical zone for weeds and swap and

895  
00:36:03,559 --> 00:36:11,150  
Katie Schneider I moved in for Marcie

896  
00:36:08,090 --> 00:36:24,350  
fauna we may be some skeptics own burnt

897  
00:36:11,150 --> 00:36:27,200  
TV well i'm here at the powerhouse

898  
00:36:24,349 --> 00:36:30,829

museum in Sydney the Science and

899

00:36:27,199 --> 00:36:32,809

Technology Museum and the Rachel dr.

900

00:36:30,829 --> 00:36:35,349

Reggie and I are going to be performing

901

00:36:32,809 --> 00:36:38,179

six shows of our mystery investigators

902

00:36:35,349 --> 00:36:40,460

show the show we do for schools mainly

903

00:36:38,179 --> 00:36:42,889

exploring the strange and mysterious and

904

00:36:40,460 --> 00:36:44,269

the paranormal bed of nails water

905

00:36:42,889 --> 00:36:47,089

divining and all that sort of stuff but

906

00:36:44,269 --> 00:36:48,619

before the crowds get here I've already

907

00:36:47,090 --> 00:36:50,150

set up the show and I'm just wandering

908

00:36:48,619 --> 00:36:51,589

around and other scientists from other

909

00:36:50,150 --> 00:36:53,599

organizations are setting up their

910

00:36:51,590 --> 00:36:55,730

tables on various stages in the

911

00:36:53,599 --> 00:36:58,009

powerhouse I've come across one a

912

00:36:55,730 --> 00:37:01,099

relatively new exhibition they have here

913  
00:36:58,010 --> 00:37:04,670  
they've recreated our the surface of

914  
00:37:01,099 --> 00:37:06,400  
Mars quite well in a very large area

915  
00:37:04,670 --> 00:37:09,880  
with lots of

916  
00:37:06,400 --> 00:37:12,789  
mars type rocks is even a rover which

917  
00:37:09,880 --> 00:37:15,220  
I'm sure gets to drive around this great

918  
00:37:12,789 --> 00:37:19,359  
landscape they've got down here little

919  
00:37:15,219 --> 00:37:21,308  
display here to the robot itself so that

920  
00:37:19,358 --> 00:37:23,288  
when you command it to do something

921  
00:37:21,309 --> 00:37:24,940  
you're hoping that it will actually do

922  
00:37:23,289 --> 00:37:27,339  
the task before it sends back

923  
00:37:24,940 --> 00:37:28,929  
information to you again so we can start

924  
00:37:27,338 --> 00:37:31,179  
very simple we just make it to something

925  
00:37:28,929 --> 00:37:33,909  
automatic it's a man on the screen

926  
00:37:31,179 --> 00:37:35,949  
talking about the rover I'm very lucky

927  
00:37:33,909 --> 00:37:37,838  
maybe during a break today I can pop

928  
00:37:35,949 --> 00:37:41,788  
over here and see the rover in action as

929  
00:37:37,838 --> 00:37:46,028  
it trundles around this recreation of

930  
00:37:41,789 --> 00:37:47,980  
Mars it's about the size of a big

931  
00:37:46,028 --> 00:37:50,278  
swimming pool not an Olympic swimming

932  
00:37:47,980 --> 00:37:55,539  
pool but a fairly sizable swimming pool

933  
00:37:50,278 --> 00:37:57,429  
looks great with them the wall behind

934  
00:37:55,539 --> 00:38:00,490  
it's got real photographs from the

935  
00:37:57,429 --> 00:38:04,210  
surface of Mars and the big area in

936  
00:38:00,489 --> 00:38:07,629  
front of me covered with the marsh type

937  
00:38:04,210 --> 00:38:11,440  
/ soil and rocks I'm sort of in the

938  
00:38:07,630 --> 00:38:13,150  
robotics section of the museum which i

939  
00:38:11,440 --> 00:38:16,389  
guess is why they have the rover rover

940  
00:38:13,150 --> 00:38:21,369  
maybe and there's even the robot from

941

00:38:16,389 --> 00:38:26,230  
lost in space yeah and if I sit down

942  
00:38:21,369 --> 00:38:28,510  
here they have and this it's it's

943  
00:38:26,230 --> 00:38:30,460  
interesting to note they've got one of

944  
00:38:28,510 --> 00:38:37,450  
these tabletops space invaders games

945  
00:38:30,460 --> 00:38:39,250  
free to play so and this is a museum so

946  
00:38:37,449 --> 00:38:41,139  
there you go my childhood has now become

947  
00:38:39,250 --> 00:38:43,568  
part of museum and it's got lots of

948  
00:38:41,139 --> 00:38:45,670  
games and let me try this one

949  
00:38:43,568 --> 00:38:48,088  
maybe some listeners will recognize this

950  
00:38:45,670 --> 00:38:48,088  
music

951  
00:39:07,469 --> 00:39:14,259  
I think I did just as well as I used to

952  
00:39:11,139 --> 00:39:18,699  
do in the in the early 80s on that game

953  
00:39:14,260 --> 00:39:20,380  
oh well as the noise you can hear is the

954  
00:39:18,699 --> 00:39:22,589  
renovation to doing extensive

955  
00:39:20,380 --> 00:39:27,130

renovations ship via powerhouse museum

956

00:39:22,590 --> 00:39:33,579

which is great but noisy and I'll walk

957

00:39:27,130 --> 00:39:36,940

around now to the Hall of Transportation

958

00:39:33,579 --> 00:39:40,599

memorabilia a horse and cart all the way

959

00:39:36,940 --> 00:39:42,970

up to rocket engines and right above me

960

00:39:40,599 --> 00:39:44,789

where the mystery investigators will be

961

00:39:42,969 --> 00:39:49,179

performing today on our little stage is

962

00:39:44,789 --> 00:39:50,800

a giant looks like a sea plane or

963

00:39:49,179 --> 00:39:54,579

something hanging from the ceiling its

964

00:39:50,800 --> 00:39:57,789

massive it's really hard to judge from

965

00:39:54,579 --> 00:40:00,099

here underneath it how big it is but it

966

00:39:57,789 --> 00:40:02,519

is no small plane i can tell you and i

967

00:40:00,099 --> 00:40:05,110

hope it's securely fastened oh yeah

968

00:40:02,519 --> 00:40:09,070

anyway looking forward very much to our

969

00:40:05,110 --> 00:40:10,599

six performances today and I'm delighted

970  
00:40:09,070 --> 00:40:13,180  
to say we're about to start the showing

971  
00:40:10,599 --> 00:40:15,639  
dr. H is he hi dr. AG hi dr. Richard

972  
00:40:13,179 --> 00:40:18,219  
looking wonderful in your black lab coat

973  
00:40:15,639 --> 00:40:21,730  
I am in black today is my new lab coat

974  
00:40:18,219 --> 00:40:24,009  
design it's uh yeah sleek and sexy I

975  
00:40:21,730 --> 00:40:26,889  
think so I think so got the stage set up

976  
00:40:24,010 --> 00:40:28,690  
with our water divining tubs 126 we've

977  
00:40:26,889 --> 00:40:30,549  
got the posters of the back and we've

978  
00:40:28,690 --> 00:40:32,530  
got the juggling balls and the better

979  
00:40:30,550 --> 00:40:34,060  
nails all ready to go and we're starting

980  
00:40:32,530 --> 00:40:35,560  
to get an audience Richard because I

981  
00:40:34,059 --> 00:40:36,909  
think their show next door has just

982  
00:40:35,559 --> 00:40:38,619  
finished up so

983  
00:40:36,909 --> 00:40:40,539  
well it's actually a really good setup

984  
00:40:38,619 --> 00:40:43,059  
here we're in the transport some part of

985  
00:40:40,539 --> 00:40:44,980  
the museum so above us is a giant place

986  
00:40:43,059 --> 00:40:47,289  
well yeah a numerous giant planes

987  
00:40:44,980 --> 00:40:49,630  
actually but there is one above us that

988  
00:40:47,289 --> 00:40:51,610  
is really huge and I'm hoping it won't

989  
00:40:49,630 --> 00:40:53,410  
fall on our heads during the show it

990  
00:40:51,610 --> 00:40:54,910  
would be good if it doesn't it would be

991  
00:40:53,409 --> 00:40:56,949  
I think well I think it's been up there

992  
00:40:54,909 --> 00:40:58,599  
for some time I think so years and years

993  
00:40:56,949 --> 00:41:01,689  
I'm pretty sure it'll be pretty stable

994  
00:40:58,599 --> 00:41:03,099  
but yes I'm looking forward to it today

995  
00:41:01,690 --> 00:41:06,099  
it's gonna be fun it's going to be fun

996  
00:41:03,099 --> 00:41:08,440  
let's go well the show went very well

997  
00:41:06,099 --> 00:41:10,960  
and we pick up the action now right

998

00:41:08,440 --> 00:41:15,130  
towards the end where we bring up the

999  
00:41:10,960 --> 00:41:18,550  
bed of nails and dr. H he gets the stand

1000  
00:41:15,130 --> 00:41:20,410  
on my back so here it is a little bit at

1001  
00:41:18,550 --> 00:41:24,039  
the end of the show where we have the

1002  
00:41:20,409 --> 00:41:26,379  
bed of nails now and you just hope for

1003  
00:41:24,039 --> 00:41:30,909  
us you're not rubbin out they are real

1004  
00:41:26,380 --> 00:41:34,090  
Mouse personally in the middle yep they

1005  
00:41:30,909 --> 00:41:36,629  
run up to the real real man exact now

1006  
00:41:34,090 --> 00:41:41,280  
not a tough weekend to take advantage

1007  
00:41:36,630 --> 00:41:41,280  
isn't this a real

1008  
00:42:05,289 --> 00:42:10,849  
you know it's been a bit of a minute the

1009  
00:42:08,420 --> 00:42:12,619  
year so people can really rely on the

1010  
00:42:10,849 --> 00:42:35,299  
good mouse I think it's too dangerous i

1011  
00:42:12,619 --> 00:42:41,269  
think it may be beside me yeah i think i

1012  
00:42:35,300 --> 00:42:44,289

think now everything before you another

1013

00:42:41,269 --> 00:42:44,289  
one more coming up

1014

00:43:33,550 --> 00:43:35,550  
Oh

1015

00:43:57,858 --> 00:44:12,230  
the whole very close together but where

1016

00:44:09,809 --> 00:44:14,279  
the hull connection can shop the thingy

1017

00:44:12,230 --> 00:44:16,740  
variables is also another great

1018

00:44:14,280 --> 00:44:18,630  
mysteries that he is dr. Reggie was and

1019

00:44:16,739 --> 00:44:21,358  
people for how another hearing other

1020

00:44:18,630 --> 00:44:25,230  
people I've been announced using science

1021

00:44:21,358 --> 00:44:27,239  
we decided you December what what

1022

00:44:25,230 --> 00:44:29,429  
wealthy everybody for helping us to

1023

00:44:27,239 --> 00:44:48,779  
investigate lots of mysteries today we

1024

00:44:29,429 --> 00:44:52,049  
are the mystery investigators Scopes

1025

00:44:48,780 --> 00:44:54,630  
Monkey choir Scopes Monkey choir wait

1026

00:44:52,050 --> 00:44:57,269  
are we a fire no when I require but we

1027  
00:44:54,630 --> 00:45:01,260  
are musicians when I monkeys either we

1028  
00:44:57,269 --> 00:45:04,530  
are running so what is Scopes Monkey

1029  
00:45:01,260 --> 00:45:06,780  
choir it's podcast oh yeah it's podcast

1030  
00:45:04,530 --> 00:45:09,750  
it's the podcast where music and sound

1031  
00:45:06,780 --> 00:45:11,790  
me to science and skepticism we are two

1032  
00:45:09,750 --> 00:45:13,588  
professional musicians who decided turn

1033  
00:45:11,789 --> 00:45:15,539  
are skeptical eyes on our own profession

1034  
00:45:13,588 --> 00:45:18,119  
we look at the science of music we look

1035  
00:45:15,539 --> 00:45:20,550  
at studies recent studies about music

1036  
00:45:18,119 --> 00:45:23,210  
and sound we look skeptically at musical

1037  
00:45:20,550 --> 00:45:26,570  
myths we look at

1038  
00:45:23,210 --> 00:45:29,059  
and we work out about music there's new

1039  
00:45:26,570 --> 00:45:31,519  
asset scopes monkey choir calm I'll find

1040  
00:45:29,059 --> 00:45:33,019  
us on iTunes scopes monkey choir the

1041  
00:45:31,519 --> 00:45:42,079  
podcast for music and sounds meat

1042  
00:45:33,019 --> 00:45:44,150  
science and skepticism now a word or two

1043  
00:45:42,079 --> 00:45:46,848  
or three or four from our friends in

1044  
00:45:44,150 --> 00:45:49,519  
Victoria the Victorian skeptics they've

1045  
00:45:46,849 --> 00:45:52,580  
got to stand this weekend that's the

1046  
00:45:49,519 --> 00:45:55,099  
other 20th and the 21st at science works

1047  
00:45:52,579 --> 00:45:58,429  
there in Melbourne as part of Science

1048  
00:45:55,099 --> 00:46:01,160  
Week friend of the skeptics Nicholas

1049  
00:45:58,429 --> 00:46:03,409  
Johnson will be putting on a magic show

1050  
00:46:01,159 --> 00:46:05,389  
next to the skeptic stand and the

1051  
00:46:03,409 --> 00:46:07,279  
skeptics themselves will be doing

1052  
00:46:05,389 --> 00:46:10,098  
demonstrations of the ideomotor effect

1053  
00:46:07,280 --> 00:46:13,150  
are more commonly known as dowsing and

1054  
00:46:10,099 --> 00:46:16,280  
also kinesiology applied kinesiology

1055

00:46:13,150 --> 00:46:17,869  
demonstrations using the famous placebo

1056  
00:46:16,280 --> 00:46:19,820  
band and I think we know a little bit

1057  
00:46:17,869 --> 00:46:23,539  
about that then on the following

1058  
00:46:19,820 --> 00:46:26,000  
thursday the 25th you can dine with leo

1059  
00:46:23,539 --> 00:46:29,119  
egg way all the way from Africa at

1060  
00:46:26,000 --> 00:46:31,039  
lanata restaurant Leo is known as a

1061  
00:46:29,119 --> 00:46:33,829  
campaigner for reason humanism and

1062  
00:46:31,039 --> 00:46:35,929  
skeptical thinking in Nigeria and

1063  
00:46:33,829 --> 00:46:37,940  
apparently there are still some places

1064  
00:46:35,929 --> 00:46:40,909  
left for that dinner the following

1065  
00:46:37,940 --> 00:46:43,250  
Saturday the 27th of August Leo will be

1066  
00:46:40,909 --> 00:46:46,699  
speaking at a much larger venue trades

1067  
00:46:43,250 --> 00:46:49,250  
hall in Victoria Street Carlton the talk

1068  
00:46:46,699 --> 00:46:52,549  
will be entitled witch hunts injustice

1069  
00:46:49,250 --> 00:46:54,320

and superstition in Africa the cost is

1070

00:46:52,550 --> 00:46:57,140  
only ten dollars per person with

1071

00:46:54,320 --> 00:46:59,780  
proceeds donated to Leo to help his work

1072

00:46:57,139 --> 00:47:02,299  
in Africa now for more information about

1073

00:46:59,780 --> 00:47:04,519  
these events and each one would be well

1074

00:47:02,300 --> 00:47:07,460  
worth attending go along to the

1075

00:47:04,519 --> 00:47:12,219  
Victorian skeptics website which is HTTP

1076

00:47:07,460 --> 00:47:16,400  
colon slash slash Vic skeptics dot

1077

00:47:12,219 --> 00:47:18,909  
wordpress.com or just google Victorian

1078

00:47:16,400 --> 00:47:18,910  
skeptics

1079

00:47:24,389 --> 00:47:30,670  
hi this is scary papi i am ross Blocher

1080

00:47:28,179 --> 00:47:34,119  
okay Ross hey we're from a podcast

1081

00:47:30,670 --> 00:47:35,829  
called oh no Ross and Carrie we find out

1082

00:47:34,119 --> 00:47:37,239  
what happens when you show up and ask

1083

00:47:35,829 --> 00:47:39,489  
questions we've hung out with the

1084  
00:47:37,239 --> 00:47:42,039  
Cabalists the Mormons we've gone and

1085  
00:47:39,489 --> 00:47:44,469  
gotten ear candle gone to the sikhs we

1086  
00:47:42,039 --> 00:47:46,119  
show up so you don't have to so find out

1087  
00:47:44,469 --> 00:47:48,219  
where we're going next we'll even have

1088  
00:47:46,119 --> 00:47:50,619  
special episodes where we have famous

1089  
00:47:48,219 --> 00:47:52,629  
guests like Brian Dalton from mr. deity

1090  
00:47:50,619 --> 00:47:54,639  
you heard that awesome theme music he

1091  
00:47:52,630 --> 00:47:58,809  
wrote that you should come visit us at

1092  
00:47:54,639 --> 00:48:01,629  
Oh No podcast.com or facebook.com slash

1093  
00:47:58,809 --> 00:48:05,710  
on rack what the hell's honor a cross Oh

1094  
00:48:01,630 --> 00:48:09,599  
in RAC Oh Oh No Ross and Carrie that's

1095  
00:48:05,710 --> 00:48:09,599  
our show that's a smart come join us

1096  
00:48:12,099 --> 00:48:19,110  
here's my not spooky action at a

1097  
00:48:16,570 --> 00:48:19,110  
distance

1098  
00:48:20,239 --> 00:48:26,969  
well I'm standing an ill at Mayfield

1099  
00:48:23,460 --> 00:48:29,070  
West looking at the csiro i like to call

1100  
00:48:26,969 --> 00:48:30,329  
it the death rate but it's not as

1101  
00:48:29,070 --> 00:48:32,039  
science fictiony as that but it is

1102  
00:48:30,329 --> 00:48:33,960  
science fact we're looking at look

1103  
00:48:32,039 --> 00:48:36,179  
please let us know who you are and what

1104  
00:48:33,960 --> 00:48:37,530  
Marvel we're looking at over here my

1105  
00:48:36,179 --> 00:48:39,299  
name's James McGregor I'm the energy

1106  
00:48:37,530 --> 00:48:41,700  
systems manager here at the energy

1107  
00:48:39,300 --> 00:48:43,830  
center at maple west and I was like

1108  
00:48:41,699 --> 00:48:45,269  
happy Science Week thank you yes there's

1109  
00:48:43,829 --> 00:48:46,980  
National Science Week and what's going

1110  
00:48:45,269 --> 00:48:49,349  
on here today and got lots of members of

1111  
00:48:46,980 --> 00:48:52,260  
public here so this particular project

1112

00:48:49,349 --> 00:48:53,580  
is a blonde our new high temperature bad

1113  
00:48:52,260 --> 00:48:55,619  
boy on the block high temperature solar

1114  
00:48:53,579 --> 00:48:57,239  
tower and what we actually doing here is

1115  
00:48:55,619 --> 00:48:58,858  
concentrating the sun's energy to heat

1116  
00:48:57,239 --> 00:49:01,108  
air so we had a thousand degrees Celsius

1117  
00:48:58,858 --> 00:49:02,579  
now when the Spanish CDs do they get

1118  
00:49:01,108 --> 00:49:04,170  
really pissed off because they've got

1119  
00:49:02,579 --> 00:49:05,730  
something over there and from what I've

1120  
00:49:04,170 --> 00:49:07,530  
seen it's rubbish it's complete rubbish

1121  
00:49:05,730 --> 00:49:09,090  
in fact I write letters to them saying

1122  
00:49:07,530 --> 00:49:10,590  
thank you just pull it down and get

1123  
00:49:09,090 --> 00:49:11,430  
themselves a newcastle west and build

1124  
00:49:10,590 --> 00:49:13,500  
something like this because this is

1125  
00:49:11,429 --> 00:49:14,848  
better than one that got in Spain and it

1126  
00:49:13,500 --> 00:49:16,679

gets all the coverage on Discovery

1127

00:49:14,849 --> 00:49:18,930

Channel what's wrong with that certainly

1128

00:49:16,679 --> 00:49:22,079

optically this particular facility is

1129

00:49:18,929 --> 00:49:23,219

much higher performance however this the

1130

00:49:22,079 --> 00:49:24,449

Spanish you talking about having our

1131

00:49:23,219 --> 00:49:27,059

soul are actually one of our partners

1132

00:49:24,449 --> 00:49:29,250

now so there actually are here top

1133

00:49:27,059 --> 00:49:31,108

people I've never never said anything

1134

00:49:29,250 --> 00:49:32,250

bad about the minute so are they

1135

00:49:31,108 --> 00:49:34,108

partners because they're basically

1136

00:49:32,250 --> 00:49:35,730

trying to do some industrial espionage

1137

00:49:34,108 --> 00:49:37,409

on us is that what's going on I don't

1138

00:49:35,730 --> 00:49:39,570

think that's the case I think they've

1139

00:49:37,409 --> 00:49:42,139

seen the quality of the research is

1140

00:49:39,570 --> 00:49:44,640

going on here at it in the hunter and

1141  
00:49:42,139 --> 00:49:46,440  
they see some real value in helping them

1142  
00:49:44,639 --> 00:49:48,929  
to improve what they're doing over there

1143  
00:49:46,440 --> 00:49:50,608  
in Spain now don't correct me if I'm

1144  
00:49:48,929 --> 00:49:52,319  
wrong and I probably will be about three

1145  
00:49:50,608 --> 00:49:54,150  
words into this is that what they're

1146  
00:49:52,320 --> 00:49:57,210  
doing is they're heating water in Spain

1147  
00:49:54,150 --> 00:49:59,130  
with the solar radiation focusing and we

1148  
00:49:57,210 --> 00:50:01,639  
are heating air to make an air turbine

1149  
00:49:59,130 --> 00:50:04,170  
is that correct that's great yesterday

1150  
00:50:01,639 --> 00:50:06,029  
what I produced in for the steam turbine

1151  
00:50:04,170 --> 00:50:07,588  
same way conventional fossil fuel plants

1152  
00:50:06,030 --> 00:50:09,119  
typically operate or coal-fired power

1153  
00:50:07,588 --> 00:50:10,440  
stations operate yeah which is all right

1154  
00:50:09,119 --> 00:50:12,030  
if you've got plenty of rivers but if

1155  
00:50:10,440 --> 00:50:13,740  
you're in the middle of say the Simpson

1156  
00:50:12,030 --> 00:50:15,750  
Desert yeah absolutely and waters be

1157  
00:50:13,739 --> 00:50:17,250  
issue so and that's one of the reasons

1158  
00:50:15,750 --> 00:50:19,710  
why we're focusing on this solar Brayton

1159  
00:50:17,250 --> 00:50:22,230  
technology which is basically a guest to

1160  
00:50:19,710 --> 00:50:24,210  
everyone that's been modified to run on

1161  
00:50:22,230 --> 00:50:25,980  
solar and all the only two inputs we

1162  
00:50:24,210 --> 00:50:27,659  
need a bassy son and heir and we can

1163  
00:50:25,980 --> 00:50:29,820  
generate electricity from it and of

1164  
00:50:27,659 --> 00:50:31,699  
course the big difficulty is base load

1165  
00:50:29,820 --> 00:50:33,410  
how do you make sure that we've got some

1166  
00:50:31,699 --> 00:50:35,539  
power for our modem it's a couple of

1167  
00:50:33,409 --> 00:50:37,429  
questions si1 we can do storage so

1168  
00:50:35,539 --> 00:50:39,679  
there's actually a solar players open up

1169

00:50:37,429 --> 00:50:41,029  
in Spain with our Spanish friends that

1170  
00:50:39,679 --> 00:50:44,179  
actually operates 24 hours they now

1171  
00:50:41,030 --> 00:50:46,430  
called Gemma solar so how do you keep

1172  
00:50:44,179 --> 00:50:48,799  
the heat from the Sun during the night

1173  
00:50:46,429 --> 00:50:50,239  
time yes so what we do is we use we can

1174  
00:50:48,800 --> 00:50:52,130  
use liquid metals we can use things

1175  
00:50:50,239 --> 00:50:53,750  
called molten salt so we basically heat

1176  
00:50:52,130 --> 00:50:55,400  
up materials to get a very high temperature

1177  
00:50:53,750 --> 00:50:58,070  
and put them in a big hot water tank

1178  
00:50:55,400 --> 00:50:59,630  
effectively so salt hot water people the

1179  
00:50:58,070 --> 00:51:02,180  
people have at home is an example of

1180  
00:50:59,630 --> 00:51:03,289  
thermal storage so water LCD during a day

1181  
00:51:02,179 --> 00:51:04,848  
and you use it at night when you come

1182  
00:51:03,289 --> 00:51:06,230  
out of a shower or after you been

1183  
00:51:04,849 --> 00:51:07,519

watching what have you watch on on the

1184

00:51:06,230 --> 00:51:10,490  
internet and of course there's

1185

00:51:07,519 --> 00:51:12,199  
Montgomery burns is love saying you know

1186

00:51:10,489 --> 00:51:13,489  
solar energy has no future because it

1187

00:51:12,199 --> 00:51:15,828  
can't actually make large-scale

1188

00:51:13,489 --> 00:51:17,118  
productions if this was scaled up what

1189

00:51:15,829 --> 00:51:18,769  
do you think would be the maximum output

1190

00:51:17,119 --> 00:51:20,300  
I mean could we do or something like

1191

00:51:18,769 --> 00:51:22,190  
we've got over it then like my mower

1192

00:51:20,300 --> 00:51:23,539  
there we go could we but how many giga

1193

00:51:22,190 --> 00:51:24,950  
watts could we get out of one of these

1194

00:51:23,539 --> 00:51:27,858  
if we get it well if we look at

1195

00:51:24,949 --> 00:51:29,299  
australia's solar resource every three

1196

00:51:27,858 --> 00:51:30,619  
and half days or thereabouts-- the

1197

00:51:29,300 --> 00:51:31,700  
amount of solar energy the lens on our

1198  
00:51:30,619 --> 00:51:33,920  
country is enough to power the entire

1199  
00:51:31,699 --> 00:51:35,328  
world for a year so the salt there's no

1200  
00:51:33,920 --> 00:51:38,599  
limitation really on the solar resource

1201  
00:51:35,329 --> 00:51:40,550  
this particular technology here we

1202  
00:51:38,599 --> 00:51:41,780  
expect that's about 10 megawatt be the

1203  
00:51:40,550 --> 00:51:44,269  
sort of unit size you would have there

1204  
00:51:41,780 --> 00:51:46,490  
and if you want to under megawatts you

1205  
00:51:44,269 --> 00:51:48,500  
just build 20 of them so there's really

1206  
00:51:46,489 --> 00:51:50,029  
no upper limit in terms of the capacity

1207  
00:51:48,500 --> 00:51:52,849  
we can generate now with these systems

1208  
00:51:50,030 --> 00:51:54,829  
and it so any plans to trial it at any

1209  
00:51:52,849 --> 00:51:56,150  
city in australia or hang on why do we

1210  
00:51:54,829 --> 00:51:58,640  
trial it in spain just see how it goes

1211  
00:51:56,150 --> 00:51:59,900  
airfares certainly we're working with

1212  
00:51:58,639 --> 00:52:02,480  
some of our industrial partners at

1213  
00:51:59,900 --> 00:52:05,119  
mitsubishi heavy industries also to

1214  
00:52:02,480 --> 00:52:06,559  
identify a the next scale which is about

1215  
00:52:05,119 --> 00:52:09,318  
10 times bigger than what you see here

1216  
00:52:06,559 --> 00:52:11,088  
today and we're getting very close to

1217  
00:52:09,318 --> 00:52:12,650  
identifying a suitable site and partners

1218  
00:52:11,088 --> 00:52:15,559  
for that so i would think that within

1219  
00:52:12,650 --> 00:52:16,880  
certain within five years we'll see a 10

1220  
00:52:15,559 --> 00:52:18,980  
time scale up what you see here

1221  
00:52:16,880 --> 00:52:21,890  
operating and generate electricity and

1222  
00:52:18,980 --> 00:52:23,750  
then hopefully another five years past

1223  
00:52:21,889 --> 00:52:25,429  
that will see the full scale 10 megawatt

1224  
00:52:23,750 --> 00:52:26,900  
sort of commercial system look I'm

1225  
00:52:25,429 --> 00:52:28,219  
really impressed and like just a touch

1226

00:52:26,900 --> 00:52:29,389  
proud as an Australian to see that's

1227  
00:52:28,219 --> 00:52:31,759  
going on because as you know in this

1228  
00:52:29,389 --> 00:52:33,920  
country the percent we spend on R&D is

1229  
00:52:31,760 --> 00:52:35,540  
very small to our gross domestic product

1230  
00:52:33,920 --> 00:52:36,889  
compared to almost any other country and

1231  
00:52:35,539 --> 00:52:38,588  
to see this sort of stuff going to going

1232  
00:52:36,889 --> 00:52:40,210  
on is I mean

1233  
00:52:38,588 --> 00:52:41,679  
how did you convince someone to cough up

1234  
00:52:40,210 --> 00:52:42,789  
the money for that I mean was it because

1235  
00:52:41,679 --> 00:52:44,768  
the Spanish in the Japanese are

1236  
00:52:42,789 --> 00:52:46,839  
interested well I think we were

1237  
00:52:44,768 --> 00:52:48,459  
fortunate the Australian solar institute

1238  
00:52:46,838 --> 00:52:51,219  
established his headquarters here in

1239  
00:52:48,460 --> 00:52:53,318  
Newcastle and this is one of three

1240  
00:52:51,219 --> 00:52:54,608

foundation projects they can commit

1241  
00:52:53,318 --> 00:52:57,190  
advances they committed five million

1242  
00:52:54,608 --> 00:52:59,469  
dollars to really and their mission is

1243  
00:52:57,190 --> 00:53:01,659  
to try and increase our research

1244  
00:52:59,469 --> 00:53:03,009  
capability here in Australia and this is

1245  
00:53:01,659 --> 00:53:05,259  
one of the first projects as guess has

1246  
00:53:03,009 --> 00:53:06,759  
come to fruition and it's a brilliant

1247  
00:53:05,259 --> 00:53:09,009  
piece of infrastructure and yet

1248  
00:53:06,759 --> 00:53:11,409  
Newcastle should be very proud their

1249  
00:53:09,009 --> 00:53:14,048  
lawn looks fantastic I have to ask you

1250  
00:53:11,409 --> 00:53:15,429  
is there anything at all technically two

1251  
00:53:14,048 --> 00:53:16,719  
is there any technology involved than

1252  
00:53:15,429 --> 00:53:19,538  
that that might have been to do with

1253  
00:53:16,719 --> 00:53:22,179  
Nicholas Tesla at all no I don't know

1254  
00:53:19,539 --> 00:53:24,119  
gee I was hoping we might have got him

1255  
00:53:22,179 --> 00:53:26,318  
into the interview but not at all I know

1256  
00:53:24,119 --> 00:53:29,489  
unfortunately not know sir this is all

1257  
00:53:26,318 --> 00:53:32,558  
new castle design new castle built and

1258  
00:53:29,489 --> 00:53:34,690  
Newcastle adult and we know you guys

1259  
00:53:32,559 --> 00:53:36,278  
like nicknames in science among the

1260  
00:53:34,690 --> 00:53:37,420  
staff what is the nickname for the array

1261  
00:53:36,278 --> 00:53:40,298  
in the mirror there you got a big cool

1262  
00:53:37,420 --> 00:53:42,338  
nickname it's our we call it very boring

1263  
00:53:40,298 --> 00:53:44,170  
Lisi 1000 because it's a thousand

1264  
00:53:42,338 --> 00:53:46,900  
kilowatts capacity it's a robot from

1265  
00:53:44,170 --> 00:53:48,849  
futurama during construction that was

1266  
00:53:46,900 --> 00:53:51,460  
being termed the field of dreams so

1267  
00:53:48,849 --> 00:53:52,479  
build it and they will come that's great

1268  
00:53:51,460 --> 00:53:53,650  
look I'm going to talk a few of the

1269  
00:53:52,478 --> 00:53:54,699  
people that are here and what seems to

1270  
00:53:53,650 --> 00:53:55,869  
be the reaction for the members of the

1271  
00:53:54,699 --> 00:53:58,929  
public could have seen this today I

1272  
00:53:55,869 --> 00:54:00,789  
think they're really impressed I think

1273  
00:53:58,929 --> 00:54:02,469  
this this technology in the research we

1274  
00:54:00,789 --> 00:54:04,630  
do is better known around the world than

1275  
00:54:02,469 --> 00:54:07,210  
it is in Hunter so I think people are

1276  
00:54:04,630 --> 00:54:09,460  
quite amazed that some of the world's

1277  
00:54:07,210 --> 00:54:11,650  
best capability in this areas in their

1278  
00:54:09,460 --> 00:54:13,059  
own backyard a lot of people when they

1279  
00:54:11,650 --> 00:54:16,809  
think of solar energy they think of

1280  
00:54:13,059 --> 00:54:17,680  
photo photo voltaic cells and that's not

1281  
00:54:16,809 --> 00:54:20,109  
what that is at all you're just

1282  
00:54:17,679 --> 00:54:24,489  
directing the sunlight at a system air

1283

00:54:20,108 --> 00:54:25,469  
turbine do you think the development

1284  
00:54:24,489 --> 00:54:27,219  
that this is going to overtake

1285  
00:54:25,469 --> 00:54:29,409  
photovoltaic or is there still a role

1286  
00:54:27,219 --> 00:54:30,729  
for them now I think as we look at our

1287  
00:54:29,409 --> 00:54:31,868  
energy mix there's going to be a range

1288  
00:54:30,728 --> 00:54:34,118  
of applications for whole range of

1289  
00:54:31,869 --> 00:54:35,890  
technologies no one solution I think

1290  
00:54:34,119 --> 00:54:37,599  
what we'll see with solar thermal is

1291  
00:54:35,889 --> 00:54:39,728  
that for large-scale power generation

1292  
00:54:37,599 --> 00:54:42,548  
we're going to see massive acceleration

1293  
00:54:39,728 --> 00:54:44,558  
in the deployment of it and it will you

1294  
00:54:42,548 --> 00:54:46,748  
know in terms of cost is becoming a very

1295  
00:54:44,559 --> 00:54:49,140  
competitive against conventional fossil

1296  
00:54:46,748 --> 00:54:51,129  
fuels so I think so solar thermal

1297  
00:54:49,139 --> 00:54:53,949

particularly in Australia

1298

00:54:51,130 --> 00:54:55,630

yeah if I were to come come back from

1299

00:54:53,949 --> 00:54:57,219

the dead in 200 years time I think we'll

1300

00:54:55,630 --> 00:54:58,840

see sulfur which I believe you're also

1301

00:54:57,219 --> 00:55:01,269

working on inside the building here

1302

00:54:58,840 --> 00:55:04,059

right yeah we can't talk about how it's

1303

00:55:01,269 --> 00:55:06,099

a subjective patents that one but yeah I

1304

00:55:04,059 --> 00:55:07,690

think if we come back in the future in

1305

00:55:06,099 --> 00:55:10,480

Australia that will see that solar

1306

00:55:07,690 --> 00:55:13,510

thermal is a major contributor to our

1307

00:55:10,480 --> 00:55:15,219

energy production and also it's safe you

1308

00:55:13,510 --> 00:55:16,810

could live next door to that I mean I

1309

00:55:15,219 --> 00:55:18,369

could imagine on an extreme scale the

1310

00:55:16,809 --> 00:55:20,590

only difficulty might be whatever those

1311

00:55:18,369 --> 00:55:22,779

medals you are using to to sequester

1312  
00:55:20,590 --> 00:55:24,400  
heat into the ground they they're not I

1313  
00:55:22,780 --> 00:55:25,540  
mean is there any even toxic problem of

1314  
00:55:24,400 --> 00:55:27,519  
that is there any problem there's no

1315  
00:55:25,539 --> 00:55:29,529  
noise comes from that no so there's well

1316  
00:55:27,519 --> 00:55:31,000  
there's noise but it's from the turbine

1317  
00:55:29,530 --> 00:55:33,430  
so we can put that an acoustic box and

1318  
00:55:31,000 --> 00:55:34,929  
make it silent say I said the only

1319  
00:55:33,429 --> 00:55:38,589  
things going into the system of air and

1320  
00:55:34,929 --> 00:55:41,079  
Sun so you do see a nice climbing spot

1321  
00:55:38,590 --> 00:55:43,720  
on the receiver when its operating but

1322  
00:55:41,079 --> 00:55:45,819  
for the most part it's silent yeah and

1323  
00:55:43,719 --> 00:55:47,529  
and there are no dangerous chemicals

1324  
00:55:45,820 --> 00:55:50,170  
used in it all even in the sequestering

1325  
00:55:47,530 --> 00:55:51,130  
I mean anything is it somebody look I'll

1326  
00:55:50,170 --> 00:55:52,450  
try and look for something that my

1327  
00:55:51,130 --> 00:55:54,010  
people are might complain about here

1328  
00:55:52,449 --> 00:55:55,539  
really I mean you could put some nice

1329  
00:55:54,010 --> 00:55:57,370  
graffiti on it you can make it you can

1330  
00:55:55,539 --> 00:55:58,989  
even make it look like the the Queen's

1331  
00:55:57,369 --> 00:56:00,039  
well viewing tower if you wanted to you

1332  
00:55:58,989 --> 00:56:01,989  
know you could make it look really nice

1333  
00:56:00,039 --> 00:56:04,000  
like that but I think we're going to

1334  
00:56:01,989 --> 00:56:07,479  
want to look like our local phallic

1335  
00:56:04,000 --> 00:56:09,550  
symbol down on the harbor day but look

1336  
00:56:07,480 --> 00:56:12,159  
really the only two inputs are sunlight

1337  
00:56:09,550 --> 00:56:14,740  
and air so yeah there's no chemicals

1338  
00:56:12,159 --> 00:56:17,019  
there's no fuels there's no out steel

1339  
00:56:14,739 --> 00:56:18,939  
and glass and the sort of things people

1340

00:56:17,019 --> 00:56:20,110  
want in their own home so look we're

1341  
00:56:18,940 --> 00:56:21,550  
really excited and think it's going to

1342  
00:56:20,110 --> 00:56:23,559  
be a great technology for the future

1343  
00:56:21,550 --> 00:56:25,510  
it's fantastic and I just want to see

1344  
00:56:23,559 --> 00:56:27,549  
bigger and bigger ones of them that will

1345  
00:56:25,510 --> 00:56:29,350  
sate away we as we look to the future we

1346  
00:56:27,550 --> 00:56:32,500  
like liking to see these sorts of things

1347  
00:56:29,349 --> 00:56:33,969  
not only in Australia but I Australia to

1348  
00:56:32,500 --> 00:56:36,190  
actually punch above their weight and

1349  
00:56:33,969 --> 00:56:39,059  
help contribute to the rest of the

1350  
00:56:36,190 --> 00:56:39,059  
world's energy problems

1351  
00:56:59,849 --> 00:57:05,559  
thank you for listening to the skeptic

1352  
00:57:02,739 --> 00:57:08,348  
zone my goodness me that caramel hot

1353  
00:57:05,559 --> 00:57:10,839  
chocolate really hit the spot tune in

1354  
00:57:08,349 --> 00:57:12,849

again next week for part two of dr. ray

1355

00:57:10,838 --> 00:57:16,630

cheese interview with Benjamin Radford

1356

00:57:12,849 --> 00:57:20,140

and I interview some scientists from end

1357

00:57:16,630 --> 00:57:23,260

stow the reactor here in Sydney at Lucas

1358

00:57:20,139 --> 00:57:27,159

Heights and talk about their public

1359

00:57:23,260 --> 00:57:29,589

outreach program as always I think all

1360

00:57:27,159 --> 00:57:32,318

those listeners who kindly contribute

1361

00:57:29,588 --> 00:57:35,289

less than a dollar a week towards the

1362

00:57:32,318 --> 00:57:37,630

upkeep of the skeptic zone your money

1363

00:57:35,289 --> 00:57:42,210

really does go to good use with

1364

00:57:37,630 --> 00:57:46,630

microphones and audio equipment and

1365

00:57:42,210 --> 00:57:50,380

champagne and lobsters and what else car

1366

00:57:46,630 --> 00:57:52,720

hire expensive no your money really does

1367

00:57:50,380 --> 00:57:56,710

help us putting the show out week after

1368

00:57:52,719 --> 00:57:59,259

week so until next week in that part 2

1369  
00:57:56,710 --> 00:58:01,869  
of dr. H's interview this is Richard

1370  
00:57:59,260 --> 00:58:07,869  
Saunders signing off from Sydney

1371  
00:58:01,869 --> 00:58:12,579  
Australia you've been listening to the

1372  
00:58:07,869 --> 00:58:16,390  
skeptic zone visit her website at www

1373  
00:58:12,579 --> 00:58:20,099  
skeptic zone TV the comments context and

1374  
00:58:16,389 --> 00:58:20,098  
extra video reports