

Episode **565**

THE
**SKEPTIC
ZONE**
PODCAST

www.skepticzone.tv

18 August 2019

The Skeptic Zone Podcast



Episode **565** - 18 Aug 2019

Jo Thornley talks about cults
and her podcast "Zealot"

TGA to crack down on
advertising of so-called
Bioresonance machines

An innocent among the UFO believers



1
00:00:04,400 --> 00:00:02,419
hello this is dr. eugenie Scott from the

2
00:00:13,490 --> 00:00:04,410
national center for science education

3
00:00:15,770 --> 00:00:13,500
welcome to the skeptic Zone welcome to

4
00:00:18,280 --> 00:00:15,780
the skeptic Zone the podcast from

5
00:00:20,360 --> 00:00:18,290
Australia for science and reason

6
00:00:23,260 --> 00:00:20,370
[Music]

7
00:00:28,680 --> 00:00:23,270
[Applause]

8
00:00:31,090 --> 00:00:28,690
[Music]

9
00:00:34,780 --> 00:00:31,100
yes it's the skeptics own podcast

10
00:00:37,750 --> 00:00:34,790
episode number 565 for the 18th of

11
00:00:41,050 --> 00:00:37,760
August 2019 which had Sanders here with

12
00:00:43,900 --> 00:00:41,060
you from the office the office of dr.

13
00:00:47,470 --> 00:00:43,910

eugenie Scott a longtime friend of the

14

00:00:52,180 --> 00:00:47,480

sceptic zone and visiting dr. eugenie

15

00:00:55,299 --> 00:00:52,190

Scott today and using her office to

16

00:00:57,520 --> 00:00:55,309

finish off the last bits of this week's

17

00:00:59,350 --> 00:00:57,530

skeptic zone coming up on this week's

18

00:01:02,560 --> 00:00:59,360

show coming up on this week's show we

19

00:01:05,499 --> 00:01:02,570

have an interview with Joe Thornley who

20

00:01:09,430 --> 00:01:05,509

is the author and the producer of a

21

00:01:12,690 --> 00:01:09,440

podcast called zealot zealot all about

22

00:01:15,760 --> 00:01:12,700

cults religious cults strange cults

23

00:01:19,380 --> 00:01:15,770

personality cults things like David

24

00:01:22,690 --> 00:01:19,390

Koresh or Jim Jones way back in the

25

00:01:25,990 --> 00:01:22,700

1980s with Jonestown her podcast and

26

00:01:29,230 --> 00:01:26,000

book revolve around study Oh

27

00:01:32,410 --> 00:01:29,240

cults why do people join cults what's

28

00:01:34,930 --> 00:01:32,420

the appeal who are these gurus they

29

00:01:36,940 --> 00:01:34,940

follow and what's their motivation find

30

00:01:39,279 --> 00:01:36,950

out with Joe Thornley at the top of the

31

00:01:41,620 --> 00:01:39,289

show and don't forget Joe Thornley is

32

00:01:44,169 --> 00:01:41,630

one of the guest speakers at this year's

33

00:01:46,180 --> 00:01:44,179

skeptic on in Melbourne following that

34

00:01:49,380 --> 00:01:46,190

it's Heidi Robertson the raw skeptic

35

00:01:51,850 --> 00:01:49,390

Heidi is going to be telling us about a

36

00:01:54,219 --> 00:01:51,860

press release policy statement by the

37

00:01:58,440 --> 00:01:54,229

therapeutics Goods Administration the

38

00:02:02,499 --> 00:01:58,450

TGA in Australia concerning so-called

39

00:02:04,210 --> 00:02:02,509

bioresonance machines now these have

40

00:02:06,940 --> 00:02:04,220

been around for a long time these are

41

00:02:09,180 --> 00:02:06,950

these quite frankly quack machines that

42

00:02:11,559 --> 00:02:09,190

you get hooked up to you somehow and

43

00:02:13,600 --> 00:02:11,569

supposedly they send waves or

44

00:02:16,270 --> 00:02:13,610

frequencies into your body in their

45

00:02:18,130 --> 00:02:16,280

bounce around and come back and tell the

46

00:02:20,350 --> 00:02:18,140

operator what's wrong with you the most

47

00:02:23,620 --> 00:02:20,360

obvious example of this sort of thing

48

00:02:25,750 --> 00:02:23,630

I've seen is called the Metatron which I

49

00:02:32,559 --> 00:02:25,760

see it mind-body wallet festivals and

50

00:02:35,530 --> 00:02:32,569

its bordering on absurd laughable it's

51
00:02:38,500 --> 00:02:35,540
more or less a laptop you put on a pair

52
00:02:40,600 --> 00:02:38,510
of headphones they run a program on the

53
00:02:41,020 --> 00:02:40,610
laptop a frequency is sent through the

54
00:02:42,430 --> 00:02:41,030
headphone

55
00:02:44,080 --> 00:02:42,440
this is real folks this is what they

56
00:02:45,790 --> 00:02:44,090
claim a frequency is sent through the

57
00:02:47,830 --> 00:02:45,800
headphones into your body

58
00:02:50,650 --> 00:02:47,840
apparently this goes through your body

59
00:02:52,180 --> 00:02:50,660
comes back to the computer and shows you

60
00:02:55,900 --> 00:02:52,190
what's wrong with your internal organs

61
00:02:57,750 --> 00:02:55,910
down to the level of DNA now of course

62
00:03:00,340 --> 00:02:57,760
to you and me it's an absurdity it's

63
00:03:02,560 --> 00:03:00,350

obviously quackery it's a phony it's a

64

00:03:05,980 --> 00:03:02,570

fake it can't possibly work maybe on

65

00:03:07,990 --> 00:03:05,990

Star Trek but I get the feeling too many

66

00:03:11,050 --> 00:03:08,000

people operating them or buying them

67

00:03:13,330 --> 00:03:11,060

from whoever and they think it's real

68

00:03:15,040 --> 00:03:13,340

some sort of special technology from

69

00:03:17,290 --> 00:03:15,050

Russia or something like that but I

70

00:03:19,510 --> 00:03:17,300

digress find out more about the

71

00:03:22,090 --> 00:03:19,520

government hopefully hopefully about

72

00:03:24,220 --> 00:03:22,100

time cracking down on these quack

73

00:03:26,199 --> 00:03:24,230

machines with highly robots cracking

74

00:03:27,670 --> 00:03:26,209

down on these quack machines save that

75

00:03:29,979 --> 00:03:27,680

three times quickly quacking down

76

00:03:32,530 --> 00:03:29,989

quacking down cracking down cracking

77

00:03:34,240 --> 00:03:32,540

down on crack machines quacking cracking

78

00:03:36,100 --> 00:03:34,250

quick then the round off the show

79

00:03:39,940 --> 00:03:36,110

another item from the pages of the

80

00:03:43,510 --> 00:03:39,950

skeptic an innocent among the UFO

81

00:03:45,400 --> 00:03:43,520

believers by Barry Williams recounting

82

00:03:48,970 --> 00:03:45,410

the time he spoke at a science fair

83

00:03:50,229 --> 00:03:48,980

before a group of UFO believers well

84

00:03:53,410 --> 00:03:50,239

that's enough of me at the moment it's

85

00:03:56,590 --> 00:03:53,420

time for me to rush up the door down the

86

00:03:58,539 --> 00:03:56,600

hall and I think dr. Scott might have

87

00:04:01,600 --> 00:03:58,549

some hamburgers ready to go while I

88

00:04:02,280 --> 00:04:01,610

munch those I hope you enjoy the skeptic

89

00:04:20,360 --> 00:04:02,290

zone

90

00:04:23,640 --> 00:04:20,370

[Music]

91

00:04:25,740 --> 00:04:23,650

and joining me now on the line all the

92

00:04:28,800 --> 00:04:25,750

way all the way from Sydney Australia

93

00:04:32,249 --> 00:04:28,810

how exotic is that it's Joe Thornley

94

00:04:34,439 --> 00:04:32,259

hello Joe hello wonderful to catch up

95

00:04:37,830 --> 00:04:34,449

with you we have met many many many

96

00:04:40,920 --> 00:04:37,840

years ago at an event regarding

97

00:04:43,230 --> 00:04:40,930

homeopathy if I remember oh when we all

98

00:04:46,400 --> 00:04:43,240

committed suicide we all committed

99

00:04:49,830 --> 00:04:46,410

suicide which wasn't very successful I

100

00:04:52,610 --> 00:04:49,840

was awake shot hours afterwards that's

101
00:04:59,969 --> 00:04:52,620
right we consumed copious amounts of

102
00:05:03,540 --> 00:04:59,979
homeopathic sleeping pills never tastier

103
00:05:05,730 --> 00:05:03,550
like lollies yes yes actually I'd like

104
00:05:08,070 --> 00:05:05,740
lollies the homeopathic pills out very

105
00:05:09,810 --> 00:05:08,080
um you can eat one or two and they're a

106
00:05:11,850 --> 00:05:09,820
bit fun and you crunch them down but I

107
00:05:14,310 --> 00:05:11,860
wouldn't I wouldn't substitute them for

108
00:05:17,550 --> 00:05:14,320
jelly beans me know maybe they should

109
00:05:21,059 --> 00:05:17,560
adopt I like lollies as a marketing

110
00:05:22,890 --> 00:05:21,069
slogan what would it might work it might

111
00:05:25,320 --> 00:05:22,900
wear they might have to be for too long

112
00:05:27,839 --> 00:05:25,330
because the whole industry is being

113
00:05:30,089 --> 00:05:27,849

deluded oh we could do homeopathy jokes

114

00:05:31,740 --> 00:05:30,099

for a long time we're not here to talk

115

00:05:36,029 --> 00:05:31,750

about homeopathy we're here to talk

116

00:05:38,249 --> 00:05:36,039

about some other craziness and you I'm

117

00:05:39,570 --> 00:05:38,259

delighted to say you will be appearing

118

00:05:41,820 --> 00:05:39,580

and we can talk about this a bit later

119

00:05:44,459 --> 00:05:41,830

at the Australian skeptics National

120

00:05:48,480 --> 00:05:44,469

Convention skeptic on 2019 in Melbourne

121

00:05:49,709 --> 00:05:48,490

in December but the topic your I assume

122

00:05:52,140 --> 00:05:49,719

you're going to be talking on is a

123

00:05:54,540 --> 00:05:52,150

deeply fascinating one one that skeptics

124

00:05:58,709 --> 00:05:54,550

will find very interesting indeed it's

125

00:06:00,990 --> 00:05:58,719

all about cults various cults boring on

126

00:06:04,140 --> 00:06:01,000

religious cults or extreme belief cults

127

00:06:06,439 --> 00:06:04,150

from around the world what what got you

128

00:06:08,909 --> 00:06:06,449

interested in such an interesting topic

129

00:06:12,959 --> 00:06:08,919

I've always been interested in the dark

130

00:06:15,749 --> 00:06:12,969

topics so a bit of an interesting serial

131

00:06:20,670 --> 00:06:15,759

killers when I was a teenager I just I

132

00:06:22,860 --> 00:06:20,680

think this story is dark stories but

133

00:06:25,200 --> 00:06:22,870

also a bit of deception and some crime

134

00:06:28,829 --> 00:06:25,210

mixed in that's always fascinated me and

135

00:06:31,420 --> 00:06:28,839

I think cults in particular they're

136

00:06:35,020 --> 00:06:31,430

quite often the weirdest story

137

00:06:37,270 --> 00:06:35,030

so the quirkiest I've just I just became

138

00:06:40,570 --> 00:06:37,280

fixated and I've always been interested

139

00:06:43,060 --> 00:06:40,580

in religions as well what makes them

140

00:06:45,520 --> 00:06:43,070

tick what makes people believe and so

141

00:06:47,560 --> 00:06:45,530

the combination is irresistible to me

142

00:06:49,420 --> 00:06:47,570

yeah it's fascinating you should say

143

00:06:51,610 --> 00:06:49,430

that you were had an interest in things

144

00:06:53,469 --> 00:06:51,620

like serial killers because I notice I

145

00:06:55,240 --> 00:06:53,479

noticed and we can talk about your very

146

00:06:58,600 --> 00:06:55,250

interesting podcast which is called

147

00:06:59,050 --> 00:06:58,610

zealot and there's a book to which we'll

148

00:07:02,890 --> 00:06:59,060

get to

149

00:07:05,170 --> 00:07:02,900

but the the logo for zealot your logo

150

00:07:07,330 --> 00:07:05,180

what I looked at it I thought that looks

151
00:07:11,320 --> 00:07:07,340
oddly familiar then it dawned upon me

152
00:07:13,330 --> 00:07:11,330
it's very like the zodiac from the San

153
00:07:17,200 --> 00:07:13,340
Francisco Bay Area that's serial killer

154
00:07:18,969 --> 00:07:17,210
I realized that oh in my about a year

155
00:07:21,820 --> 00:07:18,979
after I designed it I realized that the

156
00:07:23,920 --> 00:07:21,830
O in my logo was reminiscent of that and

157
00:07:27,840 --> 00:07:23,930
I just thought oh what other squiggles

158
00:07:31,090 --> 00:07:27,850
of my brain have retained the you know

159
00:07:33,250 --> 00:07:31,100
horrible dark bits of information is

160
00:07:34,390 --> 00:07:33,260
that is that a fact because I would

161
00:07:36,250 --> 00:07:34,400
looked out and I thought oh you were

162
00:07:41,260 --> 00:07:36,260
very clever and you modeled it off the

163
00:07:43,390 --> 00:07:41,270

Zodiac killer not clever at all that's

164

00:07:45,460 --> 00:07:43,400

interesting oh how about that maybe some

165

00:07:47,620 --> 00:07:45,470

yes maybe in some dark recesses of your

166

00:07:49,570 --> 00:07:47,630

brain that little squiggle was just

167

00:07:51,250 --> 00:07:49,580

waiting to come out I mean there's a

168

00:07:53,110 --> 00:07:51,260

chance I am the Zodiac killer but I

169

00:07:55,930 --> 00:07:53,120

don't think the timelines match a very

170

00:07:58,270 --> 00:07:55,940

slim chance a very slim chance and that

171

00:08:02,260 --> 00:07:58,280

is a fascinating topic all in its own

172

00:08:05,529 --> 00:08:02,270

and I guess we can talk about the

173

00:08:09,520 --> 00:08:05,539

crossover in a way of true crime and the

174

00:08:12,040 --> 00:08:09,530

surge or the the amazing rise of true

175

00:08:13,740 --> 00:08:12,050

crime podcasts which I find deeply

176

00:08:17,770 --> 00:08:13,750

fascinating and I'm sure you do too

177

00:08:20,080 --> 00:08:17,780

absolutely and I think one of the things

178

00:08:23,409 --> 00:08:20,090

I've noticed about true crime the true

179

00:08:27,310 --> 00:08:23,419

crime fandom is that it's it's probably

180

00:08:30,490 --> 00:08:27,320

about 80% women and I don't I haven't

181

00:08:32,860 --> 00:08:30,500

really understood or been told any

182

00:08:35,170 --> 00:08:32,870

really convincing reasons for that but I

183

00:08:38,440 --> 00:08:35,180

think there's always been an interesting

184

00:08:42,750 --> 00:08:38,450

true crime and pulp crime and and that

185

00:08:45,520 --> 00:08:42,760

sort of thing but I think with the twin

186

00:08:49,710 --> 00:08:45,530

popularity of vodka

187

00:08:53,860 --> 00:08:49,720

and video on demand so non-mainstream

188

00:08:56,260 --> 00:08:53,870

broadcast advertiser run TV that's been

189

00:09:00,970 --> 00:08:56,270

available there's the opportunity to

190

00:09:02,500 --> 00:09:00,980

tell stories that are a little less

191

00:09:06,400 --> 00:09:02,510

mainstream and a little more

192

00:09:08,410 --> 00:09:06,410

investigative and a bit more shocking I

193

00:09:10,330 --> 00:09:08,420

think those platforms there's fewer

194

00:09:12,250 --> 00:09:10,340

regulations and there's a lot more

195

00:09:15,160 --> 00:09:12,260

opportunity for risk-taking and

196

00:09:16,810 --> 00:09:15,170

creativity so some really incredible

197

00:09:17,380 --> 00:09:16,820

stories are coming out of those two

198

00:09:20,710 --> 00:09:17,390

media

199

00:09:23,710 --> 00:09:20,720

well of course podcasting is a what an

200

00:09:26,920 --> 00:09:23,720

interesting thing it is in itself as I

201
00:09:30,520 --> 00:09:26,930
well know but tell me what what got you

202
00:09:34,530 --> 00:09:30,530
inspired then to think that you would do

203
00:09:37,630 --> 00:09:34,540
your own podcast well couldn't stop

204
00:09:41,650 --> 00:09:37,640
thinking about or reading about cults

205
00:09:44,290 --> 00:09:41,660
and I'd um I'd actually been on a mate's

206
00:09:48,220 --> 00:09:44,300
FBI radio show and he's got a show

207
00:09:51,250 --> 00:09:48,230
called versus Eddie Sharpe where two

208
00:09:54,310 --> 00:09:51,260
topics are discussed and then callers

209
00:09:56,140 --> 00:09:54,320
ring in and and vote for for the topic

210
00:09:57,970 --> 00:09:56,150
they think is the most interesting and I

211
00:09:59,500 --> 00:09:57,980
thought I've gotta beat him I've got to

212
00:10:03,700 --> 00:09:59,510
win this competition and so I picked

213
00:10:06,430 --> 00:10:03,710

cults and after that I just could not i

214

00:10:09,220 --> 00:10:06,440

won hooray but after that I could not

215

00:10:13,840 --> 00:10:09,230

stop reading and just devouring anything

216

00:10:15,760 --> 00:10:13,850

I could find about cults and I I kind of

217

00:10:18,940 --> 00:10:15,770

have to turn everything into a into a

218

00:10:21,850 --> 00:10:18,950

project and it gave me an excuse I think

219

00:10:23,530 --> 00:10:21,860

it would have felt just you know if I'm

220

00:10:25,630 --> 00:10:23,540

just spending all of my time reading

221

00:10:28,420 --> 00:10:25,640

about cults I'm a weirdo but if I can

222

00:10:31,510 --> 00:10:28,430

call it research for a podcast then I'm

223

00:10:34,990 --> 00:10:31,520

a podcaster so I think it was an

224

00:10:37,390 --> 00:10:35,000

opportunity to keep Kate researching

225

00:10:40,450 --> 00:10:37,400

them yeah one of the things that I found

226
00:10:42,160 --> 00:10:40,460
very interesting about your podcast when

227
00:10:45,340 --> 00:10:42,170
I was looking down the list of episodes

228
00:10:48,520 --> 00:10:45,350
was the Australian cults the Australian

229
00:10:50,770 --> 00:10:48,530
angle of course you're you cover many

230
00:10:53,410 --> 00:10:50,780
cults from around the world but I guess

231
00:10:55,570 --> 00:10:53,420
being in Australia the Australian angle

232
00:10:57,250 --> 00:10:55,580
is particularly interesting and we can

233
00:10:58,610 --> 00:10:57,260
chat briefly about one called

234
00:11:00,770 --> 00:10:58,620
little pebble

235
00:11:03,490 --> 00:11:00,780
in a nutshell how will you describe

236
00:11:11,900 --> 00:11:03,500
little pebble to the rest of the world

237
00:11:17,870 --> 00:11:11,910
well little and to put it nicely I'd say

238
00:11:21,770 --> 00:11:17,880

a deluded pedophile who's addicted to

239

00:11:23,540 --> 00:11:21,780

his own delusions of grandeur and that's

240

00:11:26,630 --> 00:11:23,550

putting it nicely right okay that's

241

00:11:31,070 --> 00:11:26,640

putting it nicely yes I mean he he's

242

00:11:34,070 --> 00:11:31,080

just waiting fingers crossed we hope

243

00:11:39,530 --> 00:11:34,080

that the Vatican will one day recognize

244

00:11:43,520 --> 00:11:39,540

him but also believes he was wrongfully

245

00:11:47,090 --> 00:11:43,530

imprisoned for having sex with underage

246

00:11:49,640 --> 00:11:47,100

girls so I think that is about the

247

00:11:53,810 --> 00:11:49,650

nicest way I can put it a nice bloke

248

00:11:56,090 --> 00:11:53,820

he's still in prison I know he know he's

249

00:11:57,800 --> 00:11:56,100

served his time and he's and now he's

250

00:11:59,720 --> 00:11:57,810

looking to have his conviction

251

00:12:00,830 --> 00:11:59,730

overturned but I think I'm pretty sure

252

00:12:04,070 --> 00:12:00,840

that ship has sailed

253

00:12:06,440 --> 00:12:04,080

I would think so now he he was operating

254

00:12:10,910 --> 00:12:06,450

in on the south coast of New South Wales

255

00:12:16,250 --> 00:12:10,920

if I'm remembering correctly yes yes and

256

00:12:18,890 --> 00:12:16,260

they even did some stuck some dynamite

257

00:12:22,490 --> 00:12:18,900

in a nearby hill because they wanted to

258

00:12:25,340 --> 00:12:22,500

make their own catacombs hmm that's a

259

00:12:28,400 --> 00:12:25,350

big extreme well I thought it'd impress

260

00:12:30,950 --> 00:12:28,410

the Vatican they've got some good grief

261

00:12:33,080 --> 00:12:30,960

so I mean it's it's a hallmark of the

262

00:12:36,380 --> 00:12:33,090

cult I guess that you have the Guru is

263

00:12:38,710 --> 00:12:36,390

that what you found in most cases yes

264

00:12:42,380 --> 00:12:38,720

and some are more impressive than others

265

00:12:44,750 --> 00:12:42,390

but generally speaking because the

266

00:12:48,670 --> 00:12:44,760

leader of the leader of a cult will have

267

00:12:52,010 --> 00:12:48,680

an incredibly healthy dose of narcissism

268

00:12:56,750 --> 00:12:52,020

they tend to work themselves into the

269

00:13:01,850 --> 00:12:56,760

origin story of the group so some will

270

00:13:02,660 --> 00:13:01,860

do it relatively gently like the Bhagwan

271

00:13:06,710 --> 00:13:02,670

Rajneesh

272

00:13:08,660 --> 00:13:06,720

Raja nishi's and others will do it

273

00:13:11,260 --> 00:13:08,670

incredibly humbly like Marshall

274

00:13:12,620 --> 00:13:11,270

Applewhite of Heaven's Gate who really

275

00:13:16,240 --> 00:13:12,630

shun

276

00:13:19,910 --> 00:13:16,250

any kind of publicity or adoration and

277

00:13:23,569 --> 00:13:19,920

others like David Koresh who was born

278

00:13:25,610 --> 00:13:23,579

Vernon Howell will do it pretty much so

279

00:13:27,530 --> 00:13:25,620

he can feel like a big man increases his

280

00:13:31,639 --> 00:13:27,540

chances of getting a record deal and

281

00:13:35,960 --> 00:13:31,649

again it's a recurring motif have sex

282

00:13:39,050 --> 00:13:35,970

with young girls what is it you find in

283

00:13:41,780 --> 00:13:39,060

in common amongst the believers the

284

00:13:44,870 --> 00:13:41,790

followers of a cult or a guru or is that

285

00:13:47,809 --> 00:13:44,880

putting it too simply is it something

286

00:13:50,180 --> 00:13:47,819

you really can't define I'd say that the

287

00:13:55,100 --> 00:13:50,190

only thing that they really have in

288

00:13:56,509 --> 00:13:55,110

common is kind of bad timing there's a

289

00:14:01,280 --> 00:13:56,519

number of different reasons people will

290

00:14:02,990 --> 00:14:01,290

join cults and and I'd like what you

291

00:14:05,269 --> 00:14:03,000

might think is a common thing

292

00:14:08,210 --> 00:14:05,279

gullibility isn't necessarily a part of

293

00:14:11,059 --> 00:14:08,220

it everyone has different points in the

294

00:14:12,949 --> 00:14:11,069

graph of their life where they're going

295

00:14:15,050 --> 00:14:12,959

through a bit of a change there might be

296

00:14:16,999 --> 00:14:15,060

divorced you might be a teenager trying

297

00:14:19,100 --> 00:14:17,009

to figure out what life's all about you

298

00:14:21,259 --> 00:14:19,110

might be you know you have that special

299

00:14:24,740 --> 00:14:21,269

breed of person a first-year psychology

300

00:14:26,809 --> 00:14:24,750

student that kind of thing where you

301
00:14:30,249 --> 00:14:26,819
just did a point in your life where

302
00:14:33,259 --> 00:14:30,259
you're looking for either meaning or

303
00:14:36,110 --> 00:14:33,269
something else or to wipe the slate

304
00:14:37,550 --> 00:14:36,120
clean or you might just be dissatisfied

305
00:14:39,019 --> 00:14:37,560
with your current religion and you're

306
00:14:42,309 --> 00:14:39,029
just ready for a new one

307
00:14:46,999 --> 00:14:42,319
so it's not necessarily gullibility

308
00:14:49,939 --> 00:14:47,009
naivety stupidity or even necessarily

309
00:14:53,230 --> 00:14:49,949
being easily malleable it's just looking

310
00:14:55,999 --> 00:14:53,240
for someone or something to show them

311
00:14:59,600 --> 00:14:56,009
what the next step is or they might want

312
00:15:02,660 --> 00:14:59,610
to change the world or save it I reckon

313
00:15:04,490 --> 00:15:02,670

I do think we might be in prime cult

314

00:15:06,829 --> 00:15:04,500

development territory now because you

315

00:15:09,410 --> 00:15:06,839

combine the internet with a lot of

316

00:15:13,400 --> 00:15:09,420

people being disillusioned with the way

317

00:15:15,590 --> 00:15:13,410

the world is and it being the internet

318

00:15:19,189 --> 00:15:15,600

making it really really easy to make

319

00:15:19,939 --> 00:15:19,199

things that aren't true seem true that's

320

00:15:23,360 --> 00:15:19,949

all you need

321

00:15:25,309 --> 00:15:23,370

feeling before we leave the various

322

00:15:26,329 --> 00:15:25,319

cults for a moment there's one last one

323

00:15:27,949 --> 00:15:26,339

I'll give you to comment on

324

00:15:30,439 --> 00:15:27,959

briefly and I saw this come up I haven't

325

00:15:34,819 --> 00:15:30,449

listened to the episode yet the Colt

326

00:15:37,579 --> 00:15:34,829

revolving around Prince Philip oh right

327

00:15:41,600 --> 00:15:37,589

that's look I don't want to describe any

328

00:15:46,269 --> 00:15:41,610

cults as adorable but the Prince Philip

329

00:15:49,340 --> 00:15:46,279

movement is adorable there's a whole

330

00:15:52,100 --> 00:15:49,350

there's a class of cults called cargo

331

00:15:59,170 --> 00:15:52,110

cults right and they're generally based

332

00:16:02,600 --> 00:15:59,180

in Vanuatu in Papua New Guinea and they

333

00:16:06,290 --> 00:16:02,610

generally started with some fairly

334

00:16:10,129 --> 00:16:06,300

remote tribes and other groups in those

335

00:16:11,210 --> 00:16:10,139

areas around World War two when American

336

00:16:16,100 --> 00:16:11,220

soldiers would come through because

337

00:16:19,160 --> 00:16:16,110

those areas were used as a base and the

338

00:16:20,540 --> 00:16:19,170

Islanders would say and I know this this

339

00:16:22,340 --> 00:16:20,550

sounds like I'm being provincial but it

340

00:16:24,860 --> 00:16:22,350

was odd of the time and they'd have some

341

00:16:29,900 --> 00:16:24,870

fairly isolated groups yeah they would

342

00:16:31,639 --> 00:16:29,910

say they clothing and the products that

343

00:16:34,189 --> 00:16:31,649

these people would bring with them and

344

00:16:37,369 --> 00:16:34,199

they thought oh these are people have

345

00:16:42,739 --> 00:16:37,379

been blessed by gods and they saw

346

00:16:45,530 --> 00:16:42,749

possessions as a symbol of divinity and

347

00:16:47,059 --> 00:16:45,540

that you know you you're spiritually

348

00:16:50,470 --> 00:16:47,069

superior therefore the gods have blessed

349

00:16:56,480 --> 00:16:50,480

you with these products we don't they

350

00:16:58,460 --> 00:16:56,490

they would see manifesting via cargo so

351
00:17:02,350 --> 00:16:58,470
there's people making models of planes

352
00:17:05,899 --> 00:17:02,360
and that sort of thing and because of

353
00:17:08,149 --> 00:17:05,909
because of colonialism at in some

354
00:17:11,269 --> 00:17:08,159
buildings or official you know like post

355
00:17:13,789 --> 00:17:11,279
offices or in in the towns there might

356
00:17:15,710 --> 00:17:13,799
be a picture of the Queen put up in

357
00:17:17,539 --> 00:17:15,720
these buildings that some tribes tribal

358
00:17:21,529 --> 00:17:17,549
elders have access to when they go and

359
00:17:23,870 --> 00:17:21,539
do duties down the road and so they

360
00:17:26,809 --> 00:17:23,880
would see most of them didn't think that

361
00:17:28,760 --> 00:17:26,819
the Queen would be there the deity they

362
00:17:32,360 --> 00:17:28,770
saw Prince Philip he's the man therefore

363
00:17:34,940 --> 00:17:32,370

he he must be forgotten he had all the

364

00:17:38,889 --> 00:17:34,950

riches in the world oh yeah they thought

365

00:17:40,159 --> 00:17:38,899

ah right he's got the most stuff he's

366

00:17:42,019 --> 00:17:40,169

the big

367

00:17:43,999 --> 00:17:42,029

man that's in photographs and on the

368

00:17:49,009 --> 00:17:44,009

other side of the world he must be a god

369

00:17:52,070 --> 00:17:49,019

Wow so there's a specific group in Papua

370

00:17:55,940 --> 00:17:52,080

New Guinea that worships Prince Phillip

371

00:17:59,269 --> 00:17:55,950

as a God okay that yeah I've certainly

372

00:18:00,919 --> 00:17:59,279

heard of that along the years and I

373

00:18:02,419 --> 00:18:00,929

guess you're right I guess I mean would

374

00:18:03,979 --> 00:18:02,429

you call it a cult or would you call it

375

00:18:06,499 --> 00:18:03,989

something else but it sort of loosely

376

00:18:08,029 --> 00:18:06,509

fits the definition I guess well yeah it

377

00:18:11,590 --> 00:18:08,039

kind of does a bit I mean the definition

378

00:18:14,779 --> 00:18:11,600

of cultures generally loose anyway right

379

00:18:18,560 --> 00:18:14,789

because nobody wants to draw the line

380

00:18:19,909 --> 00:18:18,570

between mainstream religions and cults

381

00:18:24,109 --> 00:18:19,919

it's too risky

382

00:18:27,409 --> 00:18:24,119

right right but cargo cults have have

383

00:18:28,820 --> 00:18:27,419

developed that name over history and one

384

00:18:30,409 --> 00:18:28,830

of it that's one of the things I like to

385

00:18:33,769 --> 00:18:30,419

do as well and I think I did an episode

386

00:18:36,710 --> 00:18:33,779

on killing because the media has said

387

00:18:39,349 --> 00:18:36,720

he's running a sex cult and I do like

388

00:18:42,470 --> 00:18:39,359

sometimes to examine whether things that

389

00:18:44,269 --> 00:18:42,480

are called cults do have you know the

390

00:18:45,769 --> 00:18:44,279

loose criteria and to what extent

391

00:18:49,759 --> 00:18:45,779

sometimes it's just a good yarn

392

00:18:52,820 --> 00:18:49,769

sometimes it is it is more culty than

393

00:18:54,649 --> 00:18:52,830

you expect now is this the sort of all

394

00:18:55,909 --> 00:18:54,659

these cults are they mentioned in your

395

00:18:57,799 --> 00:18:55,919

book and please tell us a little bit

396

00:18:59,810 --> 00:18:57,809

about your book did that come first or

397

00:19:02,450 --> 00:18:59,820

was that the podcast came first the

398

00:19:05,180 --> 00:19:02,460

podcast came first and I think with the

399

00:19:07,460 --> 00:19:05,190

book I wanted to I've included quite a

400

00:19:10,220 --> 00:19:07,470

lot of Australian references and most of

401
00:19:13,549 --> 00:19:10,230
the cults in it it's it's just focused

402
00:19:15,379 --> 00:19:13,559
on 10 of my favorites right and I really

403
00:19:16,970 --> 00:19:15,389
hesitate to use the word favor yeah I

404
00:19:19,820 --> 00:19:16,980
thought it was a strange choice of word

405
00:19:23,060 --> 00:19:19,830
but I know who'd you be

406
00:19:23,690 --> 00:19:23,070
for example David Koresh so the Branch

407
00:19:26,389 --> 00:19:23,700
Davidians

408
00:19:28,460 --> 00:19:26,399
they recruited heavily in in Australia

409
00:19:32,139 --> 00:19:28,470
and they had a number of Australians

410
00:19:35,119 --> 00:19:32,149
died in the in the fire at Waco right

411
00:19:38,119 --> 00:19:35,129
the family the Australian the Australian

412
00:19:40,159 --> 00:19:38,129
cult they could based at Lake Eldon but

413
00:19:41,930 --> 00:19:40,169

it's basically the 10 cults that I find

414

00:19:45,379 --> 00:19:41,940

the most interesting or might be their

415

00:19:47,479 --> 00:19:45,389

most well known or in the example of a

416

00:19:51,200 --> 00:19:47,489

lesser known cult called Colonia

417

00:19:53,570 --> 00:19:51,210

Dignidad which was a bunch of German

418

00:19:56,390 --> 00:19:53,580

expatriates in Chile head

419

00:19:58,990 --> 00:19:56,400

by an actual ex-nazi and that was one of

420

00:20:04,720 --> 00:19:59,000

the most horrific cults barbwire

421

00:20:08,480 --> 00:20:04,730

Alsations Wow awful child sexual abuse

422

00:20:11,780 --> 00:20:08,490

imprisonment and everyone needing to be

423

00:20:13,580 --> 00:20:11,790

completely silent at all times that one

424

00:20:16,250 --> 00:20:13,590

I kept that one near the middle because

425

00:20:19,670 --> 00:20:16,260

you really need something a little more

426
00:20:21,650 --> 00:20:19,680
update after that one to not despair so

427
00:20:26,390 --> 00:20:21,660
I just I picked the ones that I think

428
00:20:29,660 --> 00:20:26,400
had the best meatiest stories with a

429
00:20:32,150 --> 00:20:29,670
tiny bit of horror mixed in just the

430
00:20:35,720 --> 00:20:32,160
right amount no wait where can people

431
00:20:37,340 --> 00:20:35,730
pick up their a copy of that book it's

432
00:20:39,700 --> 00:20:37,350
I'd love to say it's in all good

433
00:20:44,570 --> 00:20:39,710
bookstores but it's also in the bad one

434
00:20:46,250 --> 00:20:44,580
yeah so and it's available online and I

435
00:20:49,040 --> 00:20:46,260
had a great time recording the audio

436
00:20:52,310 --> 00:20:49,050
book which is available on all the audio

437
00:20:55,430 --> 00:20:52,320
book apps as well all right well folks

438
00:20:57,800 --> 00:20:55,440

look I will link to the URL for Joe's

439

00:21:00,470 --> 00:20:57,810

book in this week's show notes I shall

440

00:21:04,130 --> 00:21:00,480

also link to the URL for your podcast

441

00:21:06,380 --> 00:21:04,140

which people can ease drop in on and

442

00:21:08,960 --> 00:21:06,390

have a listen to all the different cults

443

00:21:11,000 --> 00:21:08,970

that you talk about and finally yes

444

00:21:14,360 --> 00:21:11,010

great news you will be appearing at

445

00:21:17,150 --> 00:21:14,370

skeptic on 2019 in Melbourne and I guess

446

00:21:19,190 --> 00:21:17,160

what we've just lightly touched on today

447

00:21:20,840 --> 00:21:19,200

is the sort of thing you're going to be

448

00:21:24,920 --> 00:21:20,850

telling the audience down there in

449

00:21:27,860 --> 00:21:24,930

Melbourne yes I hope to look into how

450

00:21:29,480 --> 00:21:27,870

cult leaders recruit people and what

451
00:21:31,640 --> 00:21:29,490
makes those people believe and gives

452
00:21:34,430 --> 00:21:31,650
them some hopefully entertaining

453
00:21:36,710 --> 00:21:34,440
examples looking forward to that

454
00:21:38,750 --> 00:21:36,720
immensely of course there's it's a

455
00:21:42,470 --> 00:21:38,760
fascinating area but as you mentioned

456
00:21:45,200 --> 00:21:42,480
the horror aspects of it the very real

457
00:21:47,270 --> 00:21:45,210
dangers the sad suicides that we hear

458
00:21:49,880 --> 00:21:47,280
about and the abuse you have mentioned

459
00:21:52,760 --> 00:21:49,890
is that the very serious side indeed of

460
00:21:55,400 --> 00:21:52,770
cults but altogether I think it's a very

461
00:21:58,130 --> 00:21:55,410
worthwhile thing for skeptics especially

462
00:22:00,379 --> 00:21:58,140
to learn about and hear about and folks

463
00:22:03,049 --> 00:22:00,389

you can do that by listening to Joe

464

00:22:05,330 --> 00:22:03,059

reading her book or seeing her in person

465

00:22:07,070 --> 00:22:05,340

at skeptic on 2019

466

00:22:08,810 --> 00:22:07,080

well joke that's great honor you've

467

00:22:10,430 --> 00:22:08,820

waited my appetite for some more I might

468

00:22:12,229 --> 00:22:10,440

have another listen to your podcast and

469

00:22:13,849 --> 00:22:12,239

I look forward to seeing you in

470

00:22:17,000 --> 00:22:13,859

Melbourne but for now thank you very

471

00:22:30,379 --> 00:22:26,830

[Music]

472

00:22:32,629 --> 00:22:30,389

skeptic on 2019 the Australian skeptics

473

00:22:38,269 --> 00:22:32,639

National Convention will be in Melbourne

474

00:22:39,919 --> 00:22:38,279

from the 6th to the 8th of December we

475

00:22:42,289 --> 00:22:39,929

have an impressive speaker line-up

476
00:22:45,320 --> 00:22:42,299
including the skeptics guide to the

477
00:22:48,709 --> 00:22:45,330
universe dr. Steve novella Jay novella

478
00:22:51,709 --> 00:22:48,719
Cara Santa Maria Bob novella and Evan

479
00:22:54,430 --> 00:22:51,719
Bernstein also susan gerbic from

480
00:22:56,779 --> 00:22:54,440
guerrilla skepticism on wikipedia and

481
00:23:00,589 --> 00:22:56,789
many other international and local

482
00:23:03,859 --> 00:23:00,599
guests including Joe Thorley the host of

483
00:23:07,089 --> 00:23:03,869
zealot a podcast about cults and an

484
00:23:09,739 --> 00:23:07,099
author of a book by the same name

485
00:23:12,320 --> 00:23:09,749
skeptic God includes a trivia night on

486
00:23:16,519 --> 00:23:12,330
Thursday the 5th of December to test

487
00:23:18,589 --> 00:23:16,529
your skeptical knowledge for more

488
00:23:21,070 --> 00:23:18,599

information about the event the speakers

489

00:23:24,889 --> 00:23:21,080

and how to buy tickets visit skeptic

490

00:23:26,340 --> 00:23:24,899

on.org dot a you or follow the link in

491

00:23:39,900 --> 00:23:26,350

this week's show notes

492

00:23:53,440 --> 00:23:43,870

it's the raw skeptic report with Heidi

493

00:23:55,000 --> 00:23:53,450

Robertson hello everyone this is Heidi

494

00:23:59,320 --> 00:23:55,010

Robertson from the Northern Rivers

495

00:24:01,930 --> 00:23:59,330

vaccinations supporters the Therapeutic

496

00:24:05,740 --> 00:24:01,940

Goods Administration otherwise known as

497

00:24:08,110 --> 00:24:05,750

the TGA here in Australia is part of the

498

00:24:10,570 --> 00:24:08,120

Australian Department of Health and is

499

00:24:13,000 --> 00:24:10,580

responsible for regulating therapeutic

500

00:24:16,560 --> 00:24:13,010

goods including as per their website

501
00:24:19,930 --> 00:24:16,570
quote prescription medicines vaccines

502
00:24:23,350 --> 00:24:19,940
sunscreens vitamins and minerals medical

503
00:24:24,250 --> 00:24:23,360
devices blood and blood products end

504
00:24:31,659 --> 00:24:24,260
quote

505
00:24:34,000 --> 00:24:31,669
which therapeutic claims are made must

506
00:24:36,430 --> 00:24:34,010
be entered into the Australian register

507
00:24:39,419 --> 00:24:36,440
of Therapeutic Goods before it can be

508
00:24:42,370 --> 00:24:39,429
supplied in Australia end quote

509
00:24:45,760 --> 00:24:42,380
longtime listeners of the skeptic zone

510
00:24:50,740 --> 00:24:45,770
podcast may recall a report I did way

511
00:24:53,919 --> 00:24:50,750
back in episode number 348 which gives a

512
00:24:58,810 --> 00:24:53,929
rundown on the next level quackery that

513
00:25:01,930 --> 00:24:58,820

is the bio resonance machine so it's

514

00:25:04,840 --> 00:25:01,940

good news that the TGA has released the

515

00:25:11,590 --> 00:25:04,850

following statement dated the 16th of

516

00:25:14,140 --> 00:25:11,600

August 2019 it's titled TGA cracking

517

00:25:15,310 --> 00:25:14,150

down on non-compliant advertising of

518

00:25:20,380 --> 00:25:15,320

bioresonance

519

00:25:21,789 --> 00:25:20,390

and similar devices quote in May 2009

520

00:25:25,150 --> 00:25:21,799

teen the Therapeutic Goods

521

00:25:27,570 --> 00:25:25,160

Administration the TGA commenced work on

522

00:25:29,860 --> 00:25:27,580

a sector wide compliance activity

523

00:25:33,370 --> 00:25:29,870

relating to the advertising of

524

00:25:36,100 --> 00:25:33,380

bioresonance devices which are sometimes

525

00:25:40,060 --> 00:25:36,110

mistakenly promoted as biofeedback

526
00:25:42,680 --> 00:25:40,070
devices this sector has been identified

527
00:25:45,190 --> 00:25:42,690
as having a high rate of advertised

528
00:25:47,990 --> 00:25:45,200
in non-compliance with widespread

529
00:25:50,450 --> 00:25:48,000
advertising the advertising of

530
00:25:54,460 --> 00:25:50,460
bioresonance has been the subject of

531
00:25:56,990 --> 00:25:54,470
previous regulatory compliance actions

532
00:26:00,080 --> 00:25:57,000
bioresonance is based on the belief that

533
00:26:02,600 --> 00:26:00,090
human beings emit electromagnetic waves

534
00:26:06,770 --> 00:26:02,610
which can only be measured by

535
00:26:09,320 --> 00:26:06,780
bioresonance devices advertisers claim

536
00:26:12,320 --> 00:26:09,330
these devices can measure these waves to

537
00:26:16,370 --> 00:26:12,330
detect illness in the human body as well

538
00:26:19,670 --> 00:26:16,380

as sending quote rehabilitated bad end

539

00:26:23,120 --> 00:26:19,680

quote waves to the patient to alleviate

540

00:26:25,600 --> 00:26:23,130

illness the TGA is currently

541

00:26:27,740 --> 00:26:25,610

investigating the scientific credibility

542

00:26:31,340 --> 00:26:27,750

relating to the diagnostic and

543

00:26:33,380 --> 00:26:31,350

therapeutic use of these devices the TGA

544

00:26:35,690 --> 00:26:33,390

is also working to address other

545

00:26:37,790 --> 00:26:35,700

concerns about the advertising of these

546

00:26:40,100 --> 00:26:37,800

devices by a large number of health

547

00:26:42,440 --> 00:26:40,110

practitioners promoting them for the

548

00:26:46,610 --> 00:26:42,450

detection and treatment of serious

549

00:26:49,810 --> 00:26:46,620

ailments diseases and conditions these

550

00:26:52,940 --> 00:26:49,820

claims are prohibited and restricted

551
00:26:54,830 --> 00:26:52,950
representations some non-compliant

552
00:26:58,130 --> 00:26:54,840
advertisements claim that this therapy

553
00:27:00,550 --> 00:26:58,140
can assist with or treat severe health

554
00:27:04,640 --> 00:27:00,560
conditions like cancers or diseases

555
00:27:07,580 --> 00:27:04,650
joint pain osteoarthritis clearing the

556
00:27:11,120 --> 00:27:07,590
body of heavy metals disorders like

557
00:27:13,580 --> 00:27:11,130
chronic fatigue and insomnia mental

558
00:27:17,590 --> 00:27:13,590
health conditions including anxiety and

559
00:27:21,010 --> 00:27:17,600
ADHD vitamin and mineral deficiencies

560
00:27:25,100 --> 00:27:21,020
food allergies or intolerance 'as

561
00:27:28,070 --> 00:27:25,110
addictions autism learning difficulties

562
00:27:30,580 --> 00:27:28,080
and the side effects of Western

563
00:27:35,660 --> 00:27:30,590

medicines including chemotherapy and

564

00:27:38,680 --> 00:27:35,670

antibiotics what the TGA will do we take

565

00:27:41,000 --> 00:27:38,690

non-compliance by advertisers seriously

566

00:27:43,400 --> 00:27:41,010

particularly when there is the potential

567

00:27:45,830 --> 00:27:43,410

for consumers to rely on claims in

568

00:27:49,160 --> 00:27:45,840

advertising to seek treatment when those

569

00:27:51,740 --> 00:27:49,170

claims may be false or misleading as a

570

00:27:54,860 --> 00:27:51,750

result the TGA is conducting a

571

00:27:56,690 --> 00:27:54,870

regulatory activity as a priority in

572

00:27:59,690 --> 00:27:56,700

this sector

573

00:28:02,149 --> 00:27:59,700

this includes working closely with our

574

00:28:04,479 --> 00:28:02,159

counterparts including other federal

575

00:28:06,830 --> 00:28:04,489

regulators and state and territory

576
00:28:09,289 --> 00:28:06,840
government bodies and professional

577
00:28:11,919 --> 00:28:09,299
bodies to share the information on our

578
00:28:15,289 --> 00:28:11,929
activities on bioresonance device

579
00:28:17,359 --> 00:28:15,299
non-compliance issues writing to

580
00:28:19,849 --> 00:28:17,369
relevant practitioner peak bodies and

581
00:28:22,070 --> 00:28:19,859
sponsors of bioresonance devices to

582
00:28:25,220 --> 00:28:22,080
alert them to the advertising compliance

583
00:28:27,049 --> 00:28:25,230
issues faced by their sector and seek

584
00:28:30,249 --> 00:28:27,059
their assistance with disseminating

585
00:28:33,109 --> 00:28:30,259
information and rectifying these issues

586
00:28:35,930 --> 00:28:33,119
two months following the completion of

587
00:28:38,560 --> 00:28:35,940
this activity the TGA will conduct a

588
00:28:41,299 --> 00:28:38,570

round of random advertising reviews

589

00:28:45,049 --> 00:28:41,309

gauging the level of compliance achieved

590

00:28:47,090 --> 00:28:45,059

all non-compliant cases identified will

591

00:28:49,450 --> 00:28:47,100

be escalated to a higher level of

592

00:28:52,159 --> 00:28:49,460

non-compliance category 4 investigation

593

00:28:57,139 --> 00:28:52,169

where appropriate compliance enforcement

594

00:29:00,259 --> 00:28:57,149

actions will be applied what you should

595

00:29:02,989 --> 00:29:00,269

do if you advertise bioresonance devices

596

00:29:05,930 --> 00:29:02,999

if you have advertised or intend to

597

00:29:08,149 --> 00:29:05,940

advertise these types of devices you

598

00:29:11,659 --> 00:29:08,159

should talk to your peak body or

599

00:29:14,060 --> 00:29:11,669

regulatory affairs consultant check if

600

00:29:18,019 --> 00:29:14,070

the device is on the Australian register

601
00:29:20,690 --> 00:29:18,029
of Therapeutic Goods the AR TG if the

602
00:29:23,659 --> 00:29:20,700
device is not on the AR TG don't

603
00:29:27,139 --> 00:29:23,669
advertise the product if the device is

604
00:29:29,180 --> 00:29:27,149
on the AR TG make sure your advertising

605
00:29:31,849 --> 00:29:29,190
is compliant with the advertising

606
00:29:34,570 --> 00:29:31,859
requirements and don't refer to her

607
00:29:37,759 --> 00:29:34,580
prohibited representations or restricted

608
00:29:40,879 --> 00:29:37,769
representations considering bio

609
00:29:42,950 --> 00:29:40,889
residents if you are considering seeking

610
00:29:44,830 --> 00:29:42,960
diagnosis or treatment of your health

611
00:29:46,070 --> 00:29:44,840
conditions using bio resonance

612
00:29:49,489 --> 00:29:46,080
biofeedback

613
00:29:51,680 --> 00:29:49,499

and similar devices please read three

614

00:29:55,450 --> 00:29:51,690

questions to ask natural health

615

00:29:59,810 --> 00:29:55,460

practitioners about testing services and

616

00:30:02,389 --> 00:29:59,820

their they link to another page within

617

00:30:09,229 --> 00:30:02,399

the TGA website for further information

618

00:30:10,460 --> 00:30:09,239

you can contact the TGA end quote so

619

00:30:14,600 --> 00:30:10,470

this is good news

620

00:30:16,789 --> 00:30:14,610

as I believe or at least I've I've not

621

00:30:20,810 --> 00:30:16,799

found a bioresonance device that

622

00:30:23,390 --> 00:30:20,820

actually is listed on the a RTG and just

623

00:30:25,789 --> 00:30:23,400

based on that alone practitioners should

624

00:30:27,740 --> 00:30:25,799

not even be advertising the product let

625

00:30:29,870 --> 00:30:27,750

alone making the sorts of claims that

626
00:30:33,950 --> 00:30:29,880
they're making that bioresonance therapy

627
00:30:37,250 --> 00:30:33,960
can can do or can achieve for their for

628
00:30:40,299 --> 00:30:37,260
their patients or their clients so now's

629
00:30:43,789 --> 00:30:40,309
the time to write into the TGA with some

630
00:30:46,370 --> 00:30:43,799
concerns or complaints it's quite easy

631
00:30:48,080 --> 00:30:46,380
to find by our residents practitioners

632
00:30:51,340 --> 00:30:48,090
just by googling exactly that

633
00:30:55,370 --> 00:30:51,350
bioresonance practitioners Australia and

634
00:30:59,350 --> 00:30:55,380
no doubt there is one within your

635
00:31:02,630 --> 00:30:59,360
vicinity or closeby in Australia and

636
00:31:06,919 --> 00:31:02,640
hopefully the TGA will do what they've

637
00:31:11,029 --> 00:31:06,929
said they will do and crack down on this

638
00:31:13,789 --> 00:31:11,039

device and these practitioners thanks

639

00:31:16,399 --> 00:31:13,799

for listening and till next time this

640

00:31:19,080 --> 00:31:16,409

has been Heidi Robertson from the

641

00:31:27,520 --> 00:31:19,090

Northern Rivers vaccination supporters

642

00:31:29,860 --> 00:31:27,530

[Music]

643

00:31:31,570 --> 00:31:29,870

hello listeners a maximum fun I want to

644

00:31:33,520 --> 00:31:31,580

tell you about our newest podcast that

645

00:31:35,080 --> 00:31:33,530

tells you all about the truth of the

646

00:31:36,340 --> 00:31:35,090

Flat Earth have you been looking out

647

00:31:37,300 --> 00:31:36,350

over the horizon and you've been

648

00:31:39,580 --> 00:31:37,310

thinking wait a minute

649

00:31:42,220 --> 00:31:39,590

this doesn't look round I've been lied

650

00:31:47,230 --> 00:31:42,230

to my whole life what is NASA doing with

651
00:31:50,860 --> 00:31:47,240
52 million dollars a day come on we

652
00:31:52,960 --> 00:31:50,870
explode the myths just kidding we're ho

653
00:31:55,480 --> 00:31:52,970
no Ross and Carrie and we investigate

654
00:31:57,010 --> 00:31:55,490
extraordinary claims that's right we

655
00:31:59,410 --> 00:31:57,020
investigate extraordinary claims

656
00:32:01,360 --> 00:31:59,420
firsthand we go undercover in fringe

657
00:32:03,400 --> 00:32:01,370
groups we get alternative medicine

658
00:32:05,560 --> 00:32:03,410
treatments and we hang out with people

659
00:32:07,720 --> 00:32:05,570
who have unusual beliefs like flat

660
00:32:10,030 --> 00:32:07,730
earthers 9/11 truthers we do ghost

661
00:32:11,800 --> 00:32:10,040
investigations we've joined Scientology

662
00:32:14,710 --> 00:32:11,810
and we got baptized in the Mormon Church

663
00:32:18,100 --> 00:32:14,720

if it goes bump in the night then so do

664

00:32:22,300 --> 00:32:18,110

we hmm why don't you check out oh no

665

00:32:22,310 --> 00:32:28,180

Wow

666

00:32:28,190 --> 00:32:35,410

[Music]

667

00:32:39,670 --> 00:32:37,780

now it's time to dive once again into

668

00:32:42,130 --> 00:32:39,680

the pages of the skeptic the journal

669

00:32:45,940 --> 00:32:42,140

from Australian skeptics all the way

670

00:32:49,800 --> 00:32:45,950

back to 1994 volume 14 number four on

671

00:32:53,540 --> 00:32:49,810

page 22 a report by Barry Williams an

672

00:32:58,639 --> 00:32:53,550

innocent among the UFO

673

00:33:04,620 --> 00:33:01,740

sometimes you let yourself in for things

674

00:33:08,100 --> 00:33:04,630

that on mature reflection you probably

675

00:33:10,259 --> 00:33:08,110

wish you hadn't in September I agreed to

676
00:33:13,320 --> 00:33:10,269
speak at the Great Australian science

677
00:33:17,460 --> 00:33:13,330
show in Sydney and gave as the title of

678
00:33:19,799 --> 00:33:17,470
my talk I was abducted by a UFO this

679
00:33:22,080 --> 00:33:19,809
subject was used by the organizers in

680
00:33:24,419 --> 00:33:22,090
their publicity for the show and the

681
00:33:27,389 --> 00:33:24,429
fact that a skeptic was giving a talk

682
00:33:30,419 --> 00:33:27,399
with that title received a Monica more

683
00:33:33,960 --> 00:33:30,429
lighthearted coverage in the media on

684
00:33:36,960 --> 00:33:33,970
the fateful day I arrived at the lecture

685
00:33:39,870 --> 00:33:36,970
theatre to find a full house a fact I

686
00:33:42,860 --> 00:33:39,880
attributed to my identification during a

687
00:33:46,259 --> 00:33:42,870
similar appearance the previous year as

688
00:33:49,710 --> 00:33:46,269

Professor Barry Williams during the

689

00:33:51,740 --> 00:33:49,720

intervening time I let no opportunity

690

00:33:54,899 --> 00:33:51,750

pass to remind my professorial

691

00:33:58,049 --> 00:33:54,909

acquaintances that while they had to

692

00:34:00,690 --> 00:33:58,059

strive with research teaching indulgence

693

00:34:03,000 --> 00:34:00,700

in University politics crawling to Vice

694

00:34:05,340 --> 00:34:03,010

Chancellors to achieve their exalted

695

00:34:07,200 --> 00:34:05,350

positions I had acquired equal

696

00:34:09,569 --> 00:34:07,210

distinction with no expenditure of

697

00:34:12,050 --> 00:34:09,579

effort whatsoever not being one to

698

00:34:15,629 --> 00:34:12,060

disappoint an audience I assumed my best

699

00:34:18,149 --> 00:34:15,639

pseudo academic demeanor and proceeded

700

00:34:21,690 --> 00:34:18,159

to give forth pearls of distilled wisdom

701
00:34:24,780 --> 00:34:21,700
on the phenomenon of UFO abductions with

702
00:34:26,990 --> 00:34:24,790
not a few sideways excursions to give

703
00:34:29,669 --> 00:34:27,000
verbal kickings to creationists

704
00:34:32,849 --> 00:34:29,679
astrologers and diviners and other

705
00:34:35,250 --> 00:34:32,859
new-age crackpots carried away with my

706
00:34:38,040 --> 00:34:35,260
own rhetoric I paid scant attention to a

707
00:34:41,520 --> 00:34:38,050
certain restiveness among the assembled

708
00:34:43,740 --> 00:34:41,530
multitude or at least if I did notice it

709
00:34:46,020 --> 00:34:43,750
I put it down to the obviously

710
00:34:48,470 --> 00:34:46,030
uncomfortable seating arrangements when

711
00:34:51,349 --> 00:34:48,480
my dissertation came to its inevitable

712
00:34:54,450 --> 00:34:51,359
only unkind people would say overdue

713
00:34:56,760 --> 00:34:54,460

conclusion I beamed out at the audience

714

00:34:59,640 --> 00:34:56,770

noting in the front row the friendly

715

00:35:03,270 --> 00:34:59,650

smiling faces of longtime skeptics Fred

716

00:35:05,579 --> 00:35:03,280

and Sylar Flatow and asked for questions

717

00:35:08,190 --> 00:35:05,589

the first came from a young man who

718

00:35:10,410 --> 00:35:08,200

launched into a ringing denunciation of

719

00:35:13,230 --> 00:35:10,420

me for daring to question

720

00:35:16,280 --> 00:35:13,240

the bona fide ease of such UFO gurus as

721

00:35:20,190 --> 00:35:16,290

Professor John Mac before declaring me a

722

00:35:24,299 --> 00:35:20,200

very dangerous man and demanding that I

723

00:35:27,480 --> 00:35:24,309

explain the marks on my body my response

724

00:35:30,210 --> 00:35:27,490

was that the only serious danger I posed

725

00:35:32,220 --> 00:35:30,220

to anyone would be if I stumbled and

726

00:35:34,829 --> 00:35:32,230

fell on them then I tried to explain

727

00:35:37,740 --> 00:35:34,839

that the encouragement of people in

728

00:35:39,870 --> 00:35:37,750

their delusions rather than an offer of

729

00:35:41,609 --> 00:35:39,880

professional help to understand them was

730

00:35:44,780 --> 00:35:41,619

probably the greatest danger that

731

00:35:47,370 --> 00:35:44,790

existed in the UFO abduction debate I

732

00:35:50,099 --> 00:35:47,380

couldn't see any marks on his body

733

00:35:52,200 --> 00:35:50,109

not being trained in any medical skills

734

00:35:54,500 --> 00:35:52,210

I probably wouldn't be able to explain

735

00:35:58,020 --> 00:35:54,510

them even if I could I therefore

736

00:36:00,750 --> 00:35:58,030

suggested that he asked someone so

737

00:36:02,370 --> 00:36:00,760

trained to have a look as he seemed to

738

00:36:05,220 --> 00:36:02,380

want to continue the discussion at

739

00:36:07,109 --> 00:36:05,230

length I asked him to see me after and

740

00:36:10,220 --> 00:36:07,119

asked for more questions

741

00:36:12,990 --> 00:36:10,230

the next came from another young man who

742

00:36:15,720 --> 00:36:13,000

advanced that good old standby of the

743

00:36:18,240 --> 00:36:15,730

New Age doctrine didn't I think it was

744

00:36:21,450 --> 00:36:18,250

time for a paradigm shift in scientific

745

00:36:23,700 --> 00:36:21,460

thinking if Western science couldn't

746

00:36:26,609 --> 00:36:23,710

explain to all the mystical things that

747

00:36:28,890 --> 00:36:26,619

people were experiencing my response was

748

00:36:31,650 --> 00:36:28,900

equally standard that we needed a great

749

00:36:34,440 --> 00:36:31,660

deal more evidence that many such things

750

00:36:36,900 --> 00:36:34,450

were in fact happening before we needed

751
00:36:39,120 --> 00:36:36,910
to disregard the most successful tool we

752
00:36:41,849 --> 00:36:39,130
had yet devised for understanding the

753
00:36:44,400 --> 00:36:41,859
natural world at this stage I made a

754
00:36:46,289 --> 00:36:44,410
private resolution to myself to endeavor

755
00:36:50,549 --> 00:36:46,299
to meet the Philosopher's who gave the

756
00:36:53,670 --> 00:36:50,559
term paradigm shift to the world I would

757
00:36:55,920 --> 00:36:53,680
like to drop him down a lift shaft this

758
00:36:58,559 --> 00:36:55,930
young man also seemed to wish to debate

759
00:37:00,960 --> 00:36:58,569
the matter at length while the original

760
00:37:03,510 --> 00:37:00,970
young man indicated his desire to

761
00:37:05,520 --> 00:37:03,520
continue his discussion and a couple of

762
00:37:08,549 --> 00:37:05,530
others through queries in a similar vein

763
00:37:11,609 --> 00:37:08,559

with everyone exhibiting the distressing

764

00:37:13,380 --> 00:37:11,619

tendency of talking at once only the

765

00:37:15,569 --> 00:37:13,390

flat hose and a visiting Victorian

766

00:37:19,289 --> 00:37:15,579

skeptic whose name I did not catch

767

00:37:21,660 --> 00:37:19,299

seemed inclined to join the debate on my

768

00:37:24,150 --> 00:37:21,670

side and there I must confess my

769

00:37:26,580 --> 00:37:24,160

admiration for Soloff Leto

770

00:37:29,000 --> 00:37:26,590

whose tenacity in pursuit of a point

771

00:37:31,620 --> 00:37:29,010

would make Ian's climber envious a

772

00:37:35,250 --> 00:37:31,630

horrible thought began to dawn on me

773

00:37:37,470 --> 00:37:35,260

here was I almost alone and defenseless

774

00:37:40,040 --> 00:37:37,480

in a room full of people who seriously

775

00:37:44,700 --> 00:37:40,050

believed that they had been unwilling

776

00:37:48,690 --> 00:37:44,710

guests on alien vessels where was the

777

00:37:51,120 --> 00:37:48,700

nearest exit beam me up Scotty nervously

778

00:37:53,520 --> 00:37:51,130

I concluded the session and was

779

00:37:56,190 --> 00:37:53,530

presented by the young man with the

780

00:37:58,230 --> 00:37:56,200

marks on his body with a photocopy of a

781

00:38:02,550 --> 00:37:58,240

magazine article which described how he

782

00:38:05,190 --> 00:38:02,560

had received them he had awakened in his

783

00:38:08,370 --> 00:38:05,200

room to find mysterious figures at his

784

00:38:10,380 --> 00:38:08,380

bedside he was paralyzed and after

785

00:38:13,530 --> 00:38:10,390

various adventures he had awakened to

786

00:38:15,150 --> 00:38:13,540

find the strange wounds on his legs the

787

00:38:17,400 --> 00:38:15,160

photographs with the article showed a

788

00:38:20,130 --> 00:38:17,410

couple of scars or depressions in his

789

00:38:22,830 --> 00:38:20,140

leg and the accompanying caption said

790

00:38:25,440 --> 00:38:22,840

that some doctors claimed they looked

791

00:38:28,410 --> 00:38:25,450

like the marks left by biopsy punctures

792

00:38:32,190 --> 00:38:28,420

to me they bore a striking resemblance

793

00:38:34,410 --> 00:38:32,200

to the scar left on my nose whereas skin

794

00:38:37,590 --> 00:38:34,420

cancer had been removed recently by a

795

00:38:38,400 --> 00:38:37,600

plastic surgeon wait a minute a mark on

796

00:38:40,680 --> 00:38:38,410

my nose

797

00:38:43,020 --> 00:38:40,690

the second favorite site for alien

798

00:38:45,780 --> 00:38:43,030

experimentation on humans after the

799

00:38:48,420 --> 00:38:45,790

naughty bits I therefore resolved to

800

00:38:50,370 --> 00:38:48,430

investigate my plastic surgeon who for

801
00:38:52,830 --> 00:38:50,380
ethical reasons I cannot name here

802
00:38:56,130 --> 00:38:52,840
although he does subscribe to the

803
00:38:59,820 --> 00:38:56,140
skeptic all I wish to say to him is

804
00:39:03,660 --> 00:38:59,830
quote doctor X or should that be X

805
00:39:05,790 --> 00:39:03,670
percentage three asterisks exclamation

806
00:39:09,180 --> 00:39:05,800
exclamation exclamation question mark

807
00:39:11,510 --> 00:39:09,190
from the Pleiades your secret remains

808
00:39:14,040 --> 00:39:11,520
safe with me or it will if you leave a

809
00:39:17,010 --> 00:39:14,050
substantial sum in small denomination

810
00:39:20,220 --> 00:39:17,020
unmarked notes in the skeptics post box

811
00:39:22,380 --> 00:39:20,230
office in quote the young man also left

812
00:39:24,990 --> 00:39:22,390
me a leaflet praising the work of dr.

813
00:39:28,200 --> 00:39:25,000

Mac and advertising a Sydney Centre for

814

00:39:30,060 --> 00:39:28,210

assisting UFO abductees of which he

815

00:39:33,060 --> 00:39:30,070

seemed to be the principal officer

816

00:39:36,720 --> 00:39:33,070

perhaps after all his attack on me was

817

00:39:37,710 --> 00:39:36,730

not entirely a disinterested one after

818

00:39:39,330 --> 00:39:37,720

the event

819

00:39:42,330 --> 00:39:39,340

I fell into conversation with Bill

820

00:39:45,450 --> 00:39:42,340

choker one of the more rational of the

821

00:39:47,640 --> 00:39:45,460

UFO investigators bill threw at me the

822

00:39:50,099 --> 00:39:47,650

accusation that skeptics do not

823

00:39:53,040 --> 00:39:50,109

investigate UFO sightings but merely

824

00:39:55,740 --> 00:39:53,050

call the sightings into question by

825

00:39:57,480 --> 00:39:55,750

respondent that it remains entirely the

826

00:39:59,609 --> 00:39:57,490

responsibility of those making

827

00:40:01,500 --> 00:39:59,619

extraordinary claims to provide the

828

00:40:03,810 --> 00:40:01,510

extraordinary evidence to support them

829

00:40:06,450 --> 00:40:03,820

and that the proper role for a skeptic

830

00:40:08,460 --> 00:40:06,460

is to raise doubts to ask questions to

831

00:40:10,650 --> 00:40:08,470

keep the enterprise within the bounds of

832

00:40:14,300 --> 00:40:10,660

reason or within the constraints imposed

833

00:40:17,820 --> 00:40:14,310

by the evidence we agreed that around

834

00:40:21,930 --> 00:40:17,830

97% of UFO sightings could be easily

835

00:40:24,390 --> 00:40:21,940

explained as miss perceptions of common

836

00:40:27,330 --> 00:40:24,400

natural or artificial phenomena self

837

00:40:29,370 --> 00:40:27,340

delusions or hoaxes which left a residue

838

00:40:32,700 --> 00:40:29,380

of sightings that were not so easily

839

00:40:36,320 --> 00:40:32,710

categorized Bill's contention was that

840

00:40:39,540 --> 00:40:36,330

someone the skeptics the government

841

00:40:41,400 --> 00:40:39,550

science had a duty to explore these

842

00:40:44,370 --> 00:40:41,410

sightings and to explain them to the

843

00:40:46,230 --> 00:40:44,380

public at large my response was that if

844

00:40:48,150 --> 00:40:46,240

anyone found these sightings to be

845

00:40:50,849 --> 00:40:48,160

interesting enough then they certainly

846

00:40:54,780 --> 00:40:50,859

would be investigated but that there was

847

00:40:56,520 --> 00:40:54,790

no compulsion on anyone to do so which

848

00:40:59,550 --> 00:40:56,530

is where the skeptic and the believer

849

00:41:02,040 --> 00:40:59,560

even a reasonably rational one part

850

00:41:04,380 --> 00:41:02,050

company most of the interest in UFOs

851

00:41:07,829 --> 00:41:04,390

among the public stems from the wild

852

00:41:10,290 --> 00:41:07,839

stories and even wilder hypotheses that

853

00:41:12,750 --> 00:41:10,300

are promulgated by the irrational UFO

854

00:41:15,300 --> 00:41:12,760

noughts when that mad hyperbole is

855

00:41:17,220 --> 00:41:15,310

discounted then the remaining phenomena

856

00:41:20,190 --> 00:41:17,230

are not all that exciting to the average

857

00:41:22,980 --> 00:41:20,200

punter or for that matter to the average

858

00:41:25,410 --> 00:41:22,990

of scientists so the investigation of

859

00:41:27,930 --> 00:41:25,420

the residue of sightings is unlikely to

860

00:41:30,450 --> 00:41:27,940

attract funding or interest from among

861

00:41:32,370 --> 00:41:30,460

the scientific community until there is

862

00:41:34,770 --> 00:41:32,380

sufficient evidence that such interest

863

00:41:37,410 --> 00:41:34,780

will be rewarded with tangible results

864

00:41:40,710 --> 00:41:37,420

this is best exemplified by the strange

865

00:41:42,750 --> 00:41:40,720

social phenomenon of crop circles when

866

00:41:45,390 --> 00:41:42,760

simple circles started appearing in

867

00:41:48,720 --> 00:41:45,400

grain crops people began to investigate

868

00:41:50,270 --> 00:41:48,730

them to find the explanation where it

869

00:41:51,840 --> 00:41:50,280

usually took the form of a

870

00:41:55,740 --> 00:41:51,850

meteorological phenomena

871

00:41:58,140 --> 00:41:55,750

as the circles became more elaborate so

872

00:42:00,890 --> 00:41:58,150

even more rapidly did the explanations

873

00:42:04,770 --> 00:42:00,900

diverge from the rational

874

00:42:08,310 --> 00:42:04,780

extraterrestrials Gaia coasties Ghoulies

875

00:42:11,880 --> 00:42:08,320

and long-legged beasties and things that

876

00:42:14,790 --> 00:42:11,890

go bump in the night were all blamed but

877

00:42:17,610 --> 00:42:14,800

the most logical explanation and very

878

00:42:19,650 --> 00:42:17,620

probably the correct one the human

879

00:42:21,810 --> 00:42:19,660

propensity to have a joke was

880

00:42:24,600 --> 00:42:21,820

universally denigrated by those who

881

00:42:26,850 --> 00:42:24,610

wanted to believe the investigations and

882

00:42:29,910 --> 00:42:26,860

the explanations got wilder and wilder

883

00:42:32,480 --> 00:42:29,920

that is until the evidence of ordinary

884

00:42:35,010 --> 00:42:32,490

humans being the cause and the

885

00:42:37,620 --> 00:42:35,020

continuing inability of those who had

886

00:42:40,110 --> 00:42:37,630

become self elected experts to

887

00:42:43,470 --> 00:42:40,120

distinguish between a hoax and a highly

888

00:42:46,200 --> 00:42:43,480

dubious real thing became overwhelming

889

00:42:48,810 --> 00:42:46,210

not that this will be enough to deter

890

00:42:51,660 --> 00:42:48,820

the dedicated conspiracy theorist from

891

00:42:54,540 --> 00:42:51,670

concluding that it is all a government

892

00:42:58,140 --> 00:42:54,550

plot but now we find some of the less

893

00:43:00,330 --> 00:42:58,150

offensive or serial ologists as they

894

00:43:03,270 --> 00:43:00,340

describe themselves returning to the

895

00:43:05,690 --> 00:43:03,280

mundane not at all elaborate circles in

896

00:43:08,520 --> 00:43:05,700

crops and postulating that they could be

897

00:43:10,230 --> 00:43:08,530

caused by wool winds to which the

898

00:43:14,000 --> 00:43:10,240

scientific community will no doubt

899

00:43:17,580 --> 00:43:14,010

respond with a very low volume Wow

900

00:43:19,890 --> 00:43:17,590

has anything useful emerged from the

901
00:43:21,720 --> 00:43:19,900
crop circle phenomenon possibly a

902
00:43:24,360 --> 00:43:21,730
marginal advance in the science of

903
00:43:26,060 --> 00:43:24,370
meteorology and certainly a lot of new

904
00:43:29,760 --> 00:43:26,070
data for those who study the

905
00:43:33,210 --> 00:43:29,770
idiosyncratic ways of the species Homo

906
00:43:36,210 --> 00:43:33,220
sapiens sapiens but very few insights

907
00:43:40,260 --> 00:43:36,220
into the methods and motivations of Gaia

908
00:43:43,020 --> 00:43:40,270
ghosties or Ghoulies at all and that is

909
00:43:46,020 --> 00:43:43,030
the problem the serious UFO investigator

910
00:43:48,720 --> 00:43:46,030
faces if we strip away the fantasy there

911
00:43:51,390 --> 00:43:48,730
just might be some new knowledge to be

912
00:43:53,210 --> 00:43:51,400
gained about natural phenomena there

913
00:43:54,960 --> 00:43:53,220

might even be evidence that

914

00:43:57,630 --> 00:43:54,970

extraterrestrials are visiting our

915

00:43:59,460 --> 00:43:57,640

planet although one would be advised not

916

00:44:01,860 --> 00:43:59,470

to bet the mortgage on it but while the

917

00:44:04,620 --> 00:44:01,870

preponderance of UFO believers continue

918

00:44:05,400 --> 00:44:04,630

to offer the most ridiculous hypotheses

919

00:44:07,770 --> 00:44:05,410

about what is

920

00:44:10,650 --> 00:44:07,780

going on the serious researcher will

921

00:44:12,510 --> 00:44:10,660

continue to fight an uphill battle the

922

00:44:15,360 --> 00:44:12,520

reason why very few people will take

923

00:44:18,600 --> 00:44:15,370

this research seriously is not because

924

00:44:21,420 --> 00:44:18,610

skeptics raise doubts but because his

925

00:44:24,180 --> 00:44:21,430

less rational allies have so muddied the

926

00:44:33,060 --> 00:44:24,190

water that no one wants to drink from

927

00:44:35,240 --> 00:44:33,070

the fountain and that was an innocent

928

00:44:39,630 --> 00:44:35,250

among the UFO notes by Barry Williams

929

00:44:42,210 --> 00:44:39,640

written way back in 1994 and it's I

930

00:44:45,900 --> 00:44:42,220

think it's pretty fair to say that UFOs

931

00:44:48,240 --> 00:44:45,910

have well they've really slipped down

932

00:44:50,940 --> 00:44:48,250

the list of priorities faced by skeptics

933

00:44:53,970 --> 00:44:50,950

in the modern world I wonder where they

934

00:44:55,800 --> 00:44:53,980

went one of the reasons I think is

935

00:44:57,930 --> 00:44:55,810

because so many people now carry with

936

00:45:01,110 --> 00:44:57,940

them high-definition video cameras I

937

00:45:06,130 --> 00:45:01,120

have three I think and if you have a

938

00:45:10,310 --> 00:45:08,390

but one of the reasons I became

939

00:45:13,040 --> 00:45:10,320

interested in skepticism in the first

940

00:45:15,020 --> 00:45:13,050

place was the UFO craze of the 1970s

941

00:45:17,210 --> 00:45:15,030

well should I say one of the reasons I

942

00:45:20,200 --> 00:45:17,220

got interested in UFOs was the UFO craze

943

00:45:24,700 --> 00:45:20,210

and eventually that led to skepticism

944

00:45:26,840 --> 00:45:24,710

and I think there is a certain amount of

945

00:45:29,810 --> 00:45:26,850

nostalgia now to look back to those days

946

00:45:37,460 --> 00:45:29,820

when lots of people were expecting

947

00:45:39,470 --> 00:45:37,470

aliens to visit us at any time but that

948

00:45:42,980 --> 00:45:39,480

report is free for you to view for

949

00:45:45,470 --> 00:45:42,990

yourself by visiting WWF disco me today

950

00:45:47,660 --> 00:45:45,480

you as well as thousands of other

951
00:45:49,970 --> 00:45:47,670
reports interviews articles in the pages

952
00:45:52,550 --> 00:45:49,980
of the skeptic and you can subscribe to

953
00:45:55,100 --> 00:45:52,560
the skeptic right now at skeptics

954
00:45:59,120 --> 00:45:55,110
comdata you and that can be delivered to

955
00:46:02,180 --> 00:45:59,130
your email address as a PDF four times a

956
00:46:04,610 --> 00:46:02,190
year or indeed it can be delivered to

957
00:46:06,930 --> 00:46:04,620
your house and you can read it in the

958
00:46:11,210 --> 00:46:06,940
bath as the printed edition

959
00:46:19,130 --> 00:46:12,170
Wow

960
00:46:21,990 --> 00:46:19,140
[Music]

961
00:46:25,140 --> 00:46:22,000
the skeptic magazine the journal from

962
00:46:27,360 --> 00:46:25,150
Australian skeptics subscribe online to

963
00:46:32,190 --> 00:46:27,370

the world's second oldest skeptical

964

00:46:35,250 --> 00:46:32,200

magazine visit wwf/e XCOM a you and

965

00:46:38,850 --> 00:46:35,260

click the publication's link you can

966

00:46:42,180 --> 00:46:38,860

also find there over 30 years on back

967

00:46:47,970 --> 00:46:42,190

issues free to download the skeptic

968

00:46:47,980 --> 00:47:00,550

[Music]

969

00:47:04,490 --> 00:47:02,840

thank you for listening to the skeptic

970

00:47:07,040 --> 00:47:04,500

zone now folks if you check out this

971

00:47:08,780 --> 00:47:07,050

week's show notes I'm going to link to a

972

00:47:11,120 --> 00:47:08,790

radio interview done recently in

973

00:47:12,470 --> 00:47:11,130

Canberra with Trish Hann who is one of

974

00:47:14,180 --> 00:47:12,480

the reporters here in the skeptic zone

975

00:47:16,370 --> 00:47:14,190

and the vice president of Australian

976
00:47:18,170 --> 00:47:16,380
skeptics in New South Wales recently

977
00:47:20,350 --> 00:47:18,180
Trish was in Canberra to speak to the

978
00:47:21,710 --> 00:47:20,360
local skeptics there about woman's

979
00:47:24,290 --> 00:47:21,720
whoo-whoo

980
00:47:28,130 --> 00:47:24,300
aimed at women general whoo or

981
00:47:31,270 --> 00:47:28,140
specifically who aimed at women and she

982
00:47:33,980 --> 00:47:31,280
was on Canberra radio and an interesting

983
00:47:36,680 --> 00:47:33,990
interview with Trish have a look at the

984
00:47:38,810 --> 00:47:36,690
show notes for that link now I'm looking

985
00:47:39,650 --> 00:47:38,820
forward to meeting skeptics own fans at

986
00:47:41,930 --> 00:47:39,660
DragonCon

987
00:47:43,940 --> 00:47:41,940
in Atlanta Georgia if you come to the

988
00:47:46,520 --> 00:47:43,950

skeptic please come and say hello I'm

989

00:47:49,100 --> 00:47:46,530

doing a few panels and sessions there

990

00:47:51,050 --> 00:47:49,110

but I'll be generally around The

991

00:47:53,240 --> 00:47:51,060

Skeptical track I think chatting to my

992

00:47:55,790 --> 00:47:53,250

friend Derek Cohen do know dr. Angie

993

00:47:58,460 --> 00:47:55,800

Mackay and the skeptics yard to the

994

00:47:59,750 --> 00:47:58,470

universe just a name drop a few thank

995

00:48:01,910 --> 00:47:59,760

you to those people who continue to

996

00:48:04,880 --> 00:48:01,920

support the skeptic zone via patreon or

997

00:48:08,450 --> 00:48:04,890

PayPal your contribution means that the

998

00:48:10,609 --> 00:48:08,460

show remains online but for this week

999

00:48:17,840 --> 00:48:10,619

this is Richard Saunders signing off

1000

00:48:19,880 --> 00:48:17,850

from Berkeley California you've been

1001

00:48:26,810 --> 00:48:19,890

listening to the skeptic zone podcast

1002

00:48:29,270 --> 00:48:26,820

please visit our website at wwlp.com tax

1003

00:48:33,320 --> 00:48:29,280

and to access the bat catalog of

1004

00:48:35,030 --> 00:48:33,330

episodes going back to 2008 you can

1005

00:48:38,090 --> 00:48:35,040

follow the skeptic zone podcast on

1006

00:48:40,370 --> 00:48:38,100

twitter at skeptic zone visit our

1007

00:48:41,260 --> 00:48:40,380

facebook page or leave a review on

1008

00:48:43,940 --> 00:48:41,270

itunes

1009

00:48:47,330 --> 00:48:43,950

you can also support the skeptic zone

1010

00:48:50,720 --> 00:48:47,340

via patreon or PayPal the skeptic zone

1011

00:48:52,430 --> 00:48:50,730

podcast is an independent production the

1012

00:48:54,560 --> 00:48:52,440

views and opinions expressed on the

1013

00:48:56,900 --> 00:48:54,570

skeptic zone are not necessarily those

1014

00:48:58,750 --> 00:48:56,910

of Australian skeptics or any other