

Episode **661**

THE
**SKEPTIC
ZONE**
PODCAST

www.skepticzone.tv

6 June 2021

UFOs

Skeptics in the Pub

News from
Australian Skeptics

The Book of Tim

TROVE
"Full Moon"



1
00:00:08,390 --> 00:00:06,550

[Music]

2
00:00:11,190 --> 00:00:08,400
welcome to the skeptic zone

3
00:00:16,900 --> 00:00:11,200
the podcast from australia for science

4
00:00:24,950 --> 00:00:16,910
and reason

5
00:00:28,390 --> 00:00:26,630
so first applause i've got all year i

6
00:00:29,669 --> 00:00:28,400
must be doing something right my name is

7
00:00:31,589 --> 00:00:29,679
richard saunders from the

8
00:00:34,549 --> 00:00:31,599
australian skeptics and the skeptic zone

9
00:00:36,389 --> 00:00:34,559
podcast and if you will indulge me folks

10
00:00:38,229 --> 00:00:36,399
before we get into tonight's activity

11
00:00:41,190 --> 00:00:38,239
i'll do a brief introduction

12
00:00:43,709 --> 00:00:41,200
for my next podcast hello and welcome to

13
00:00:46,389 --> 00:00:43,719

the skeptic zone podcast episode number

14

00:00:49,430 --> 00:00:46,399

661 for the 6th of june

15

00:00:52,110 --> 00:00:49,440

2021 richard saunders coming to you live

16

00:00:54,950 --> 00:00:52,120

from sydney skeptics in the pub

17

00:00:56,830 --> 00:00:54,960

[Applause]

18

00:00:59,430 --> 00:00:56,840

it's not like we rehearsed that or

19

00:01:01,029 --> 00:00:59,440

anything coming up on this week's show

20

00:01:02,869 --> 00:01:01,039

interviews from skeptics in the pub

21

00:01:03,510 --> 00:01:02,879

we're so pleased to be back here once

22

00:01:06,550 --> 00:01:03,520

again

23

00:01:07,030 --> 00:01:06,560

our last meeting was last year in fact

24

00:01:08,870 --> 00:01:07,040

in

25

00:01:10,310 --> 00:01:08,880

march so it's really nice to be back

26

00:01:12,789 --> 00:01:10,320

with you all again

27

00:01:14,149 --> 00:01:12,799

also coming up on this week's episode

28

00:01:20,870 --> 00:01:14,159

the book of tim with

29

00:01:28,070 --> 00:01:24,870

poor tim and the book of tim is tim

30

00:01:29,510 --> 00:01:28,080

uh with items from the skeptic magazine

31

00:01:31,030 --> 00:01:29,520

on the table in front of me folks

32

00:01:33,270 --> 00:01:31,040

there's lots of copies of the skeptic

33

00:01:36,149 --> 00:01:33,280

magazine and the skeptical inquirer

34

00:01:37,590 --> 00:01:36,159

please come forward at any convenient

35

00:01:38,789 --> 00:01:37,600

moment and help yourself to those

36

00:01:41,350 --> 00:01:38,799

magazines

37

00:01:42,950 --> 00:01:41,360

we also have on this week's episode news

38

00:01:44,710 --> 00:01:42,960

from australian skeptics via the

39

00:01:48,469 --> 00:01:44,720

newsletter written by

40

00:01:50,469 --> 00:01:48,479

oh tim mendenham over there

41

00:01:51,910 --> 00:01:50,479

you're getting fans slowly but surely

42

00:01:54,789 --> 00:01:51,920

tim

43

00:01:56,230 --> 00:01:54,799

and this week's trove segment which is

44

00:01:57,190 --> 00:01:56,240

looking at digital archives of

45

00:01:59,190 --> 00:01:57,200

newspapers

46

00:02:00,870 --> 00:01:59,200

looks at historical and hysterical

47

00:02:04,069 --> 00:02:00,880

references to the full moon

48

00:02:08,469 --> 00:02:06,630

oh thank you tim does the full moon lead

49

00:02:09,109 --> 00:02:08,479

to more crime we'll find out in the

50

00:02:11,029 --> 00:02:09,119

trove

51
00:02:12,390 --> 00:02:11,039
segment well that's all for me at the

52
00:02:14,070 --> 00:02:12,400
moment it's time for me to

53
00:02:16,309 --> 00:02:14,080
sit at my table and have another drink

54
00:02:21,990 --> 00:02:16,319
while i do that i hope you all enjoy

55
00:02:32,830 --> 00:02:22,000
the skeptic zone

56
00:02:40,620 --> 00:02:34,830
[Applause]

57
00:02:45,430 --> 00:02:43,190
[Music]

58
00:02:46,470 --> 00:02:45,440
sometimes i admit i feel nostalgia for

59
00:02:50,710 --> 00:02:46,480
the old days

60
00:02:53,110 --> 00:02:50,720
i guess that's what nostalgia is ufos

61
00:02:54,070 --> 00:02:53,120
aliens close encounters of the third

62
00:02:55,910 --> 00:02:54,080
kind

63
00:02:58,870 --> 00:02:55,920

all the sorts of things that were very

64

00:03:00,229 --> 00:02:58,880

familiar to me growing up in the 1970s

65

00:03:02,630 --> 00:03:00,239

[Music]

66

00:03:04,390 --> 00:03:02,640

and once more for the record of course

67

00:03:06,710 --> 00:03:04,400

and this is something that

68

00:03:08,710 --> 00:03:06,720

i've been saying ever since i was in the

69

00:03:11,110 --> 00:03:08,720

skeptical movement and

70

00:03:12,470 --> 00:03:11,120

it's broadly the consensus of skeptics

71

00:03:14,309 --> 00:03:12,480

worldwide

72

00:03:15,670 --> 00:03:14,319

is that we're not saying aliens cannot

73

00:03:21,830 --> 00:03:15,680

and have not visited

74

00:03:23,990 --> 00:03:21,840

the earth but in the words of carl sagan

75

00:03:25,750 --> 00:03:24,000

for all i know we may be visited by a

76

00:03:26,550 --> 00:03:25,760

different extraterrestrial civilization

77

00:03:29,750 --> 00:03:26,560

every second

78

00:03:31,270 --> 00:03:29,760

tuesday but there's no support for this

79

00:03:33,350 --> 00:03:31,280

appealing idea

80

00:03:35,670 --> 00:03:33,360

the extraordinary claims are not

81

00:03:37,589 --> 00:03:35,680

supported by extraordinary evidence

82

00:03:39,190 --> 00:03:37,599

to this day we are still battling people

83

00:03:42,390 --> 00:03:39,200

who think that we

84

00:03:44,149 --> 00:03:42,400

skeptics don't won't can't believe in

85

00:03:46,070 --> 00:03:44,159

uh extraterrestrial life or the

86

00:03:48,149 --> 00:03:46,080

possibility that uh

87

00:03:50,229 --> 00:03:48,159

somehow they have managed to find earth

88

00:03:53,309 --> 00:03:50,239

and they're buzzing around in

89

00:03:57,030 --> 00:03:53,319

their spaceships it's just

90

00:04:00,550 --> 00:03:57,040

exceedingly unlikely

91

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

and there's no good supporting evidence

92

00:04:06,630 --> 00:04:04,080

and it seems to me that ufos and

93

00:04:08,710 --> 00:04:06,640

stories of aliens have their it's a

94

00:04:11,350 --> 00:04:08,720

frequency it comes and goes

95

00:04:12,789 --> 00:04:11,360

at the moment it's back again it's back

96

00:04:15,589 --> 00:04:12,799

again there was a special

97

00:04:17,189 --> 00:04:15,599

here in australia last week on ufos and

98

00:04:19,830 --> 00:04:17,199

aliens

99

00:04:21,430 --> 00:04:19,840

and soon the united states government

100

00:04:25,189 --> 00:04:21,440

are going to be releasing some

101

00:04:29,030 --> 00:04:25,199

files or other but apparently

102

00:04:31,909 --> 00:04:29,040

as reported by cnn on the 4th of

103

00:04:33,110 --> 00:04:31,919

june by zachary cohen and katie bo

104

00:04:35,670 --> 00:04:33,120

williams

105

00:04:36,790 --> 00:04:35,680

us intelligence officials have no

106

00:04:39,670 --> 00:04:36,800

evidence confirming

107

00:04:40,790 --> 00:04:39,680

navy pilot ufo encounters were alien

108

00:04:43,590 --> 00:04:40,800

spacecraft

109

00:04:45,749 --> 00:04:43,600

and this says in part u.s intelligence

110

00:04:47,590 --> 00:04:45,759

officials have no evidence confirming

111

00:04:49,830 --> 00:04:47,600

that unidentified flying objects

112

00:04:52,870 --> 00:04:49,840

encountered by the us navy pilots

113

00:04:55,670 --> 00:04:52,880

in recent years were alien spacecraft

114

00:04:56,550 --> 00:04:55,680

but also have not reached a definitive

115

00:04:58,629 --> 00:04:56,560

assessment

116

00:04:59,749 --> 00:04:58,639

as to what these mysterious objects

117

00:05:02,469 --> 00:04:59,759

might be

118

00:05:04,230 --> 00:05:02,479

according to five sources familiar with

119

00:05:05,110 --> 00:05:04,240

the findings of an upcoming report on

120

00:05:06,790 --> 00:05:05,120

ufos

121

00:05:08,390 --> 00:05:06,800

that is expected to be delivered to

122

00:05:09,909 --> 00:05:08,400

congress later this month

123

00:05:12,390 --> 00:05:09,919

according to three of those sources the

124

00:05:14,390 --> 00:05:12,400

report does not however rule out

125

00:05:15,590 --> 00:05:14,400

the possibility that they are alien

126

00:05:17,670 --> 00:05:15,600

spacecraft

127

00:05:18,950 --> 00:05:17,680

why that's all very well they also don't

128

00:05:20,870 --> 00:05:18,960

rule out that it's

129

00:05:22,230 --> 00:05:20,880

you dear listener tricking them by

130

00:05:26,070 --> 00:05:22,240

flying around in

131

00:05:27,749 --> 00:05:26,080

something you invented in other words

132

00:05:30,950 --> 00:05:27,759

not ruling something out does not mean

133

00:05:34,150 --> 00:05:30,960

it's even remotely likely to be

134

00:05:36,390 --> 00:05:34,160

what's causing these sightings

135

00:05:39,110 --> 00:05:36,400

while that uncertainty is likely a blow

136

00:05:41,830 --> 00:05:39,120

to the hopes of ufo enthusiasts

137

00:05:43,189 --> 00:05:41,840

who are hoping for definitive proof of

138

00:05:45,350 --> 00:05:43,199

extraterrestrial life

139

00:05:46,230 --> 00:05:45,360

it does not minimize the significance of

140

00:05:49,189 --> 00:05:46,240

the report

141

00:05:50,070 --> 00:05:49,199

what sources describe as a years-long

142

00:05:53,590 --> 00:05:50,080

battle

143

00:05:54,710 --> 00:05:53,600

inside the pentagon over whether even to

144

00:05:56,629 --> 00:05:54,720

acknowledge

145

00:05:59,350 --> 00:05:56,639

what are now hundreds of unexplained

146

00:06:02,469 --> 00:05:59,360

sightings by u.s military personnel

147

00:06:05,590 --> 00:06:02,479

later on in the report it says

148

00:06:06,710 --> 00:06:05,600

no proof of little green men isn't that

149

00:06:10,790 --> 00:06:06,720

interesting that that

150

00:06:13,990 --> 00:06:10,800

uh antiquated saying is still in use

151
00:06:17,749 --> 00:06:14,000
i guess it's part of our culture little

152
00:06:18,870 --> 00:06:17,759
green men as if aliens must be smaller

153
00:06:23,029 --> 00:06:18,880
than us

154
00:06:25,350 --> 00:06:23,039
be men and be green

155
00:06:28,150 --> 00:06:25,360
little green men the upcoming report is

156
00:06:30,710 --> 00:06:28,160
unlikely to satisfy ufologists

157
00:06:31,830 --> 00:06:30,720
who support what's known as quote

158
00:06:34,070 --> 00:06:31,840
disclosure

159
00:06:35,510 --> 00:06:34,080
end quote or the government release of

160
00:06:37,909 --> 00:06:35,520
definitive evidence

161
00:06:39,270 --> 00:06:37,919
that it has been contacted by

162
00:06:41,749 --> 00:06:39,280
extraterrestrial life

163
00:06:43,830 --> 00:06:41,759

quote most people would be hoping for

164

00:06:45,510 --> 00:06:43,840

visual evidence of little green men

165

00:06:46,950 --> 00:06:45,520

which is almost certainly not going to

166

00:06:49,510 --> 00:06:46,960

be the case in quote

167

00:06:50,469 --> 00:06:49,520

a congressional aide told cnn referring

168

00:06:53,670 --> 00:06:50,479

to

169

00:06:56,070 --> 00:06:53,680

expectations about the report's contents

170

00:06:57,830 --> 00:06:56,080

now there is more on that report from

171

00:06:58,870 --> 00:06:57,840

cnn i'll link to that in this week's

172

00:07:01,510 --> 00:06:58,880

show notes

173

00:07:02,230 --> 00:07:01,520

but with all this recent talk about ufos

174

00:07:07,029 --> 00:07:02,240

and

175

00:07:10,070 --> 00:07:07,039

in australia

176

00:07:13,189 --> 00:07:10,080

this came to my notice posted on

177

00:07:16,629 --> 00:07:13,199

facebook a link at least from

178

00:07:18,309 --> 00:07:16,639

the center for inquiry and it's a poster

179

00:07:21,029 --> 00:07:18,319

you can download and put on the wall

180

00:07:24,150 --> 00:07:21,039

next to your ufo pictures i guess

181

00:07:27,110 --> 00:07:24,160

skeptical inquirers tips for keeping ufo

182

00:07:29,350 --> 00:07:27,120

reporting grounded in reality

183

00:07:30,629 --> 00:07:29,360

and there's some good advice here

184

00:07:34,230 --> 00:07:30,639

unidentified

185

00:07:37,110 --> 00:07:34,240

does not equal aliens sources often

186

00:07:39,670 --> 00:07:37,120

conflate sightings of something in the

187

00:07:43,350 --> 00:07:39,680

sky with extraterrestrials

188

00:07:44,950 --> 00:07:43,360

most ufos become ifos identified flying

189

00:07:48,150 --> 00:07:44,960

objects

190

00:07:50,070 --> 00:07:48,160

just because alien life is possible it

191

00:07:52,469 --> 00:07:50,080

doesn't mean they're here

192

00:07:53,350 --> 00:07:52,479

the fact that some astronomers believe

193

00:07:55,670 --> 00:07:53,360

on a

194

00:07:57,350 --> 00:07:55,680

statistical basis that life may exist

195

00:08:00,309 --> 00:07:57,360

elsewhere in the universe

196

00:08:01,510 --> 00:08:00,319

does not mean they think that aliens may

197

00:08:05,110 --> 00:08:01,520

have arrived

198

00:08:06,309 --> 00:08:05,120

or that they ever will we can't identify

199

00:08:09,270 --> 00:08:06,319

everything

200

00:08:11,749 --> 00:08:09,280

not every question gets answered there

201
00:08:14,309 --> 00:08:11,759
are always going to be some unresolved

202
00:08:14,790 --> 00:08:14,319
sightings often where very little is

203
00:08:17,670 --> 00:08:14,800
known

204
00:08:19,189 --> 00:08:17,680
or recorded ufo enthusiasts have

205
00:08:21,749 --> 00:08:19,199
motivations

206
00:08:23,350 --> 00:08:21,759
there are always going to be officials

207
00:08:26,550 --> 00:08:23,360
among the sprawling defense

208
00:08:28,469 --> 00:08:26,560
agency and their contractors who have to

209
00:08:30,950 --> 00:08:28,479
take the reports of ufos

210
00:08:33,350 --> 00:08:30,960
seriously as well as politicians and

211
00:08:36,149 --> 00:08:33,360
public figures for whom ufo

212
00:08:37,110 --> 00:08:36,159
controversies serve their particular

213
00:08:40,790 --> 00:08:37,120

ends

214

00:08:43,029 --> 00:08:40,800

talk to the actual experts

215

00:08:44,149 --> 00:08:43,039

when possible it's best to seek out

216

00:08:46,550 --> 00:08:44,159

independent

217

00:08:47,509 --> 00:08:46,560

knowledgeable scientific and technical

218

00:08:50,630 --> 00:08:47,519

sources

219

00:08:53,750 --> 00:08:50,640

not just enthusiasts and believers

220

00:08:57,190 --> 00:08:53,760

csi can connect journalists

221

00:08:57,990 --> 00:08:57,200

to these experts and as an assigned i'll

222

00:09:01,430 --> 00:08:58,000

say

223

00:09:03,190 --> 00:09:01,440

so can the australian skeptics anecdote

224

00:09:05,670 --> 00:09:03,200

is not data

225

00:09:08,230 --> 00:09:05,680

statements from sources such as it flew

226

00:09:10,870 --> 00:09:08,240

away at speeds unimaginable

227

00:09:12,310 --> 00:09:10,880

or turned in a way impossible for any

228

00:09:16,470 --> 00:09:12,320

aircraft today

229

00:09:19,110 --> 00:09:16,480

are not reliable remember occam's razor

230

00:09:21,030 --> 00:09:19,120

even highly advanced imaging equipment

231

00:09:25,030 --> 00:09:21,040

is susceptible to errors

232

00:09:26,870 --> 00:09:25,040

and human misinterpretations plausible

233

00:09:28,389 --> 00:09:26,880

terrestrial explanations have been

234

00:09:31,430 --> 00:09:28,399

advanced for all the u s

235

00:09:32,150 --> 00:09:31,440

navy videos that have caused so much

236

00:09:35,590 --> 00:09:32,160

fuss

237

00:09:38,389 --> 00:09:35,600

and i think that last bit largely

238

00:09:40,150 --> 00:09:38,399

refers to the work done by mick west who

239

00:09:42,389 --> 00:09:40,160

we've spoken about before on the skeptic

240

00:09:45,110 --> 00:09:42,399

zone and his excellent videos simply

241

00:09:47,030 --> 00:09:45,120

examining examining the evidence put

242

00:09:50,230 --> 00:09:47,040

forward by ufo

243

00:09:51,990 --> 00:09:50,240

uh proponents such videos known as tick

244

00:09:55,030 --> 00:09:52,000

tock and go fast

245

00:09:57,110 --> 00:09:55,040

so it appears to me that mid 2021

246

00:09:58,710 --> 00:09:57,120

will simply be catalogued in the long

247

00:10:02,310 --> 00:09:58,720

annals of uh ufo

248

00:10:04,870 --> 00:10:02,320

history as a blip another uptick

249

00:10:06,550 --> 00:10:04,880

before the predicted downtick and a

250

00:10:08,150 --> 00:10:06,560

couple of years two three four there'll

251
00:10:10,069 --> 00:10:08,160
be something else happening

252
00:10:12,069 --> 00:10:10,079
maybe when there are more moon landings

253
00:10:15,110 --> 00:10:12,079
or so on and so forth

254
00:10:17,509 --> 00:10:15,120
but again in the words of carl sagan in

255
00:10:19,750 --> 00:10:17,519
the vastness of the cosmos

256
00:10:20,870 --> 00:10:19,760
there must be other civilizations far

257
00:10:23,509 --> 00:10:20,880
older and

258
00:10:24,949 --> 00:10:23,519
more advanced than ours so shouldn't we

259
00:10:26,949 --> 00:10:24,959
have been visited

260
00:10:28,630 --> 00:10:26,959
shouldn't there be every now and then

261
00:10:32,069 --> 00:10:28,640
alien ships

262
00:10:34,389 --> 00:10:32,079
in the skies of earth

263
00:10:35,910 --> 00:10:34,399

there's nothing impossible in this idea

264

00:10:37,509 --> 00:10:35,920

and no one would be happier than me if

265

00:10:40,710 --> 00:10:37,519

we were being visited

266

00:10:43,670 --> 00:10:40,720

but has it happened in fact

267

00:10:45,509 --> 00:10:43,680

what counts is not what sounds plausible

268

00:10:48,310 --> 00:10:45,519

not what we'd like to believe

269

00:10:49,910 --> 00:10:48,320

not what one or two witnesses claim but

270

00:10:52,949 --> 00:10:49,920

only what is supported by

271

00:10:54,150 --> 00:10:52,959

hard evidence rigorously and skeptically

272

00:10:56,949 --> 00:10:54,160

examined

273

00:11:03,910 --> 00:10:56,959

extraordinary claims require

274

00:11:08,710 --> 00:11:07,030

yes good old ufos a blast from the past

275

00:11:19,670 --> 00:11:08,720

and something which will probably come

276

00:11:31,190 --> 00:11:29,430

[Music]

277

00:11:34,069 --> 00:11:31,200

this is kyle from the data skeptic

278

00:11:36,310 --> 00:11:34,079

podcast if you're curious about the way

279

00:11:37,110 --> 00:11:36,320

data is changing our world topics like

280

00:11:39,030 --> 00:11:37,120

ai and

281

00:11:41,030 --> 00:11:39,040

all this craziness with facebook and

282

00:11:42,870 --> 00:11:41,040

bots and the twitter storm and

283

00:11:44,949 --> 00:11:42,880

how the algorithms that underline that

284

00:11:45,990 --> 00:11:44,959

work and you don't want a technical deep

285

00:11:47,350 --> 00:11:46,000

dive you want it

286

00:11:48,870 --> 00:11:47,360

you know in the vernacular in a way that

287

00:11:50,710 --> 00:11:48,880

people can understand check us out at

288

00:11:52,790 --> 00:11:50,720

data skeptic that's what we try and do

289

00:11:54,470 --> 00:11:52,800

i interview advanced professionals in

290

00:11:54,949 --> 00:11:54,480

the field who do this sort of research

291

00:11:58,230 --> 00:11:54,959

and then

292

00:11:59,829 --> 00:11:58,240

i get into interesting projects as well

293

00:12:01,590 --> 00:11:59,839

[Music]

294

00:12:10,750 --> 00:12:01,600

we're a weekly show and you can find us

295

00:12:18,550 --> 00:12:10,760

at datasceptic.com

296

00:12:22,230 --> 00:12:20,310

i can't believe it folks here we are in

297

00:12:25,590 --> 00:12:22,240

the occidental hotel the first time

298

00:12:27,990 --> 00:12:25,600

since march 2020

299

00:12:29,269 --> 00:12:28,000

and then well you know what happened we

300

00:12:31,110 --> 00:12:29,279

were going to have skeptics in the pub

301

00:12:33,269 --> 00:12:31,120

last month here in the bub that was

302

00:12:34,949 --> 00:12:33,279

cancelled last minute because of covert

303

00:12:36,949 --> 00:12:34,959

and i'm here a little bit early to have

304

00:12:39,350 --> 00:12:36,959

a quick chat to my friend daryl cahoon

305

00:12:40,790 --> 00:12:39,360

hello daryl g'day hi there richard

306

00:12:43,110 --> 00:12:40,800

and uh thanks for coming along to mind

307

00:12:45,670 --> 00:12:43,120

body wallet the other week um

308

00:12:47,190 --> 00:12:45,680

it was quite an experience it's always

309

00:12:49,269 --> 00:12:47,200

an experience isn't it

310

00:12:51,030 --> 00:12:49,279

it's always it's always an experience

311

00:12:52,069 --> 00:12:51,040

and one of the things that interested me

312

00:12:54,150 --> 00:12:52,079

was the the

313

00:12:56,310 --> 00:12:54,160

genuine things that were there the the

314

00:12:57,910 --> 00:12:56,320

unhcr the united nations high commission

315

00:13:01,350 --> 00:12:57,920

of refugees had are still there

316

00:13:04,069 --> 00:13:01,360

flying doctors them um canteen

317

00:13:04,949 --> 00:13:04,079

there was a stall that was selling

318

00:13:07,990 --> 00:13:04,959

photographs

319

00:13:08,389 --> 00:13:08,000

or images of the moon at any chosen date

320

00:13:11,750 --> 00:13:08,399

yes

321

00:13:13,110 --> 00:13:11,760

for example your birthday now i wouldn't

322

00:13:16,310 --> 00:13:13,120

necessarily be interested in such a

323

00:13:18,150 --> 00:13:16,320

thing but it's real it's not it's not

324

00:13:20,310 --> 00:13:18,160

i assume that they're doing a real thing

325

00:13:22,470 --> 00:13:20,320

it's not it's not a fake

326

00:13:24,389 --> 00:13:22,480

and and but most of the most of the

327

00:13:25,509 --> 00:13:24,399

material there that exhibition was of

328

00:13:27,509 --> 00:13:25,519

course

329

00:13:28,949 --> 00:13:27,519

well yeah well what shall we say yes of

330

00:13:31,190 --> 00:13:28,959

course it was yes

331

00:13:32,550 --> 00:13:31,200

without putting too fine a point on it

332

00:13:33,990 --> 00:13:32,560

uh there's all sorts of words we can

333

00:13:37,030 --> 00:13:34,000

look up in the thesaurus for

334

00:13:39,430 --> 00:13:37,040

uh for nonsense but you know no but

335

00:13:41,110 --> 00:13:39,440

it's in all seriousness there's lots at

336

00:13:42,069 --> 00:13:41,120

mind body wallet which is fun and

337

00:13:45,590 --> 00:13:42,079

interesting and good

338

00:13:47,590 --> 00:13:45,600

and um yummy to be blunt yeah

339

00:13:49,030 --> 00:13:47,600

including the food and coffee including

340

00:13:50,389 --> 00:13:49,040

the food and coffee

341

00:13:52,389 --> 00:13:50,399

anybody here we are we're back at

342

00:13:53,990 --> 00:13:52,399

skeptics in the pub we're a bit early as

343

00:13:55,430 --> 00:13:54,000

i said just to have a bit of a chat

344

00:13:56,949 --> 00:13:55,440

there's a few oh a few people

345

00:13:59,350 --> 00:13:56,959

are turning up already which is really

346

00:14:00,870 --> 00:13:59,360

good dr brad is talking tonight but it's

347

00:14:03,580 --> 00:14:00,880

just nice to be back

348

00:14:04,949 --> 00:14:03,590

in the pub so cheers daryl

349

00:14:11,509 --> 00:14:04,959

[Music]

350

00:14:15,990 --> 00:14:13,189

here at skeptics in the pub tim it's

351

00:14:17,590 --> 00:14:16,000

great to be back in the pub

352

00:14:19,670 --> 00:14:17,600

lost his voice it's very good to be back

353

00:14:20,629 --> 00:14:19,680

here thanks richard i'm really enjoying

354

00:14:23,509 --> 00:14:20,639

it actually actually

355

00:14:23,990 --> 00:14:23,519

seeing real life people it's great as i

356

00:14:48,389 --> 00:14:24,000

i

357

00:14:49,670 --> 00:14:48,399

people there's a lot of people here for

358

00:14:51,910 --> 00:14:49,680

the first time there are

359

00:14:53,350 --> 00:14:51,920

we had a great turnout for dr brad mckay

360

00:14:55,430 --> 00:14:53,360

yes because they've obviously been

361

00:14:56,790 --> 00:14:55,440

saving up their enthusiasm and energy

362

00:14:58,470 --> 00:14:56,800

to actually meet the skeptics in the

363

00:14:59,910 --> 00:14:58,480

flesh and they've done that it's been

364

00:15:00,710 --> 00:14:59,920

great to talk to people who it is and

365

00:15:01,990 --> 00:15:00,720

and

366

00:15:03,430 --> 00:15:02,000

lots of people still hanging around

367

00:15:03,910 --> 00:15:03,440

after the dog which is really nice to

368

00:15:07,350 --> 00:15:03,920

see

369

00:15:08,389 --> 00:15:07,360

i might wander over this way i've just

370

00:15:10,550 --> 00:15:08,399

um

371

00:15:13,110 --> 00:15:10,560

bent more spoons these poor spoons i

372

00:15:15,829 --> 00:15:13,120

tell you

373

00:15:17,430 --> 00:15:15,839

have you seen spoon bending before just

374

00:15:20,550 --> 00:15:17,440

in youtube videos

375

00:15:23,509 --> 00:15:20,560

now you know how it's done exactly

376

00:15:25,110 --> 00:15:23,519

i'll try myself at all the next youtube

377

00:15:26,629 --> 00:15:25,120

video you'll see will be her right

378

00:15:28,550 --> 00:15:26,639

and she'll be saying look i can really

379

00:15:29,990 --> 00:15:28,560

bend spoons but uh thank you

380

00:15:31,269 --> 00:15:30,000

look thank you everybody for coming on

381

00:15:32,710 --> 00:15:31,279

the skeptics in the pub tonight because

382

00:15:33,269 --> 00:15:32,720

this is the first one we've had in over

383

00:15:35,030 --> 00:15:33,279

a year

384

00:15:36,710 --> 00:15:35,040

it's just so nice to be back here to

385

00:15:38,389 --> 00:15:36,720

socialize to have a few drinks and

386

00:15:39,990 --> 00:15:38,399

to bend a few spoons so thank you very

387

00:15:42,069 --> 00:15:40,000

much thank you

388

00:15:44,230 --> 00:15:42,079

thank you for organizing it our pleasure

389

00:15:47,430 --> 00:15:44,240

and hope uh you'll be back next month

390

00:15:51,030 --> 00:15:49,910

just before you go dr brad mackay wow

391

00:15:52,389 --> 00:15:51,040

what a great talk tonight

392

00:15:54,389 --> 00:15:52,399

great to have you back at skeptics in

393

00:15:54,949 --> 00:15:54,399

the pub it's weird to be out in public

394

00:15:56,790 --> 00:15:54,959

again

395

00:15:58,790 --> 00:15:56,800

i've been in a hole for the whole year

396

00:16:00,389 --> 00:15:58,800

haven't we all haven't we all

397

00:16:02,470 --> 00:16:00,399

uh tonight you gave a talk about your

398

00:16:03,430 --> 00:16:02,480

new book uh which we interviewed you

399

00:16:04,790 --> 00:16:03,440

about

400

00:16:06,389 --> 00:16:04,800

a few weeks ago on the skeptic zone

401
00:16:07,030 --> 00:16:06,399
maynard interviewed you how's the book

402
00:16:10,230 --> 00:16:07,040
going

403
00:16:11,590 --> 00:16:10,240
been trolled too much

404
00:16:13,590 --> 00:16:11,600
yet so that i don't know if that's a

405
00:16:16,069 --> 00:16:13,600
good or a bad thing but um

406
00:16:16,949 --> 00:16:16,079
we were time will tell but yeah but it's

407
00:16:20,710 --> 00:16:16,959
been received well

408
00:16:22,770 --> 00:16:20,720
um i haven't pissed too many people off

409
00:16:24,310 --> 00:16:22,780
and um you're not doing it right then

410
00:16:25,670 --> 00:16:24,320
[Music]

411
00:16:26,870 --> 00:16:25,680
oh it's good to see photos coming

412
00:16:28,710 --> 00:16:26,880
through from people finding the book at

413
00:16:30,150 --> 00:16:28,720

the airport and at different bookstores

414

00:16:30,710 --> 00:16:30,160

around so it's certainly out there and

415

00:16:31,829 --> 00:16:30,720

available

416

00:16:33,590 --> 00:16:31,839

that's that's really good and the book

417

00:16:34,550 --> 00:16:33,600

is called again it's called fake

418

00:16:37,590 --> 00:16:34,560

medicine

419

00:16:39,829 --> 00:16:37,600

perfect for skeptics and um yes

420

00:16:41,189 --> 00:16:39,839

a great passive aggressive present for

421

00:16:43,670 --> 00:16:41,199

all of your loved ones who

422

00:16:44,949 --> 00:16:43,680

believe in q anon conspiracy theories or

423

00:16:46,550 --> 00:16:44,959

in alternative medicine

424

00:16:47,990 --> 00:16:46,560

well folks i'll link to that once again

425

00:16:49,189 --> 00:16:48,000

in the show notes but brad thank you so

426

00:16:51,189 --> 00:16:49,199

much for being

427

00:16:53,030 --> 00:16:51,199

uh for being our first speaker back here

428

00:16:53,910 --> 00:16:53,040

in the pub after all this time it's very

429

00:17:00,310 --> 00:16:53,920

exciting yeah

430

00:17:15,350 --> 00:17:02,230

i have not heard that one before thank

431

00:17:18,949 --> 00:17:17,750

hi this is rob palmer i write the

432

00:17:21,990 --> 00:17:18,959

well-known skeptic

433

00:17:23,429 --> 00:17:22,000

column in skeptical inquirer online and

434

00:17:25,429 --> 00:17:23,439

i'm a team member of the guerrilla

435

00:17:28,710 --> 00:17:25,439

skeptics on wikipedia project

436

00:17:29,750 --> 00:17:28,720

gsow but you find folks may know me

437

00:17:31,830 --> 00:17:29,760

because i contributed

438

00:17:33,190 --> 00:17:31,840

segments for several episodes of this

439

00:17:35,990 --> 00:17:33,200

podcast

440

00:17:39,270 --> 00:17:36,000

check out my interviews from cycon 2019

441

00:17:41,669 --> 00:17:39,280

starting with episode 576

442

00:17:43,350 --> 00:17:41,679

so here's a little known fact all of my

443

00:17:45,510 --> 00:17:43,360

skeptical activism stems from

444

00:17:48,950 --> 00:17:45,520

discovering the skeptic zone

445

00:17:51,350 --> 00:17:48,960

yep i first heard of the gsow project

446

00:17:52,630 --> 00:17:51,360

right here back in 2012 due to richard's

447

00:17:54,390 --> 00:17:52,640

selfless support of it

448

00:17:55,669 --> 00:17:54,400

and other skeptical activities around

449

00:17:58,150 --> 00:17:55,679

the world

450

00:17:59,669 --> 00:17:58,160

i can honestly say i'd likely still be a

451

00:18:02,870 --> 00:17:59,679

skeptical couch potato

452

00:18:05,029 --> 00:18:02,880

if i hadn't discovered this podcast

453

00:18:07,190 --> 00:18:05,039

so besides giving back to the zone by

454

00:18:08,950 --> 00:18:07,200

contributing occasional segments

455

00:18:11,510 --> 00:18:08,960

i contribute to the success of the show

456

00:18:13,510 --> 00:18:11,520

with ongoing monthly micropayments

457

00:18:14,630 --> 00:18:13,520

and i'm asking you to consider doing the

458

00:18:16,630 --> 00:18:14,640

same

459

00:18:17,750 --> 00:18:16,640

you can do that by following the patreon

460

00:18:21,190 --> 00:18:17,760

or paypal links

461

00:18:22,310 --> 00:18:21,200

at skepticzone.tv every donation

462

00:18:31,370 --> 00:18:22,320

supports the show

463

00:18:50,230 --> 00:18:48,549

[Music]

464

00:18:52,350 --> 00:18:50,240

let's take a look at the australian

465

00:18:54,070 --> 00:18:52,360

skeptics newsletter newsletter number

466

00:18:57,350 --> 00:18:54,080

124

467

00:19:00,870 --> 00:18:57,360

and this was sent on the 1st

468

00:19:03,430 --> 00:19:00,880

of june 2021

469

00:19:04,390 --> 00:19:03,440

hi all it says lately we've had a

470

00:19:07,190 --> 00:19:04,400

cluster of

471

00:19:08,870 --> 00:19:07,200

science rejection slash denial stories

472

00:19:12,070 --> 00:19:08,880

and a cluster of

473

00:19:14,310 --> 00:19:12,080

ufo stories coincidence i think not

474

00:19:15,190 --> 00:19:14,320

plus believe it or not a few stories

475

00:19:19,110 --> 00:19:15,200

uncovered

476
00:19:21,669 --> 00:19:19,120
and vaccination what a surprise read on

477
00:19:23,590 --> 00:19:21,679
tim bendum and of course this is written

478
00:19:26,710 --> 00:19:23,600
and compiled by tim menden

479
00:19:33,430 --> 00:19:26,720
and each story has a link you can click

480
00:19:39,590 --> 00:19:36,470
covert elimination not mitigation

481
00:19:41,590 --> 00:19:39,600
creates best outcomes french study says

482
00:19:43,029 --> 00:19:41,600
that countries that consistently aim for

483
00:19:46,390 --> 00:19:43,039
elimination

484
00:19:48,230 --> 00:19:46,400
maximum action to control sars covet 2

485
00:19:49,750 --> 00:19:48,240
and stop community transmission as

486
00:19:52,870 --> 00:19:49,760
quickly as possible

487
00:19:54,630 --> 00:19:52,880
including lockdown have generally fed

488
00:19:56,150 --> 00:19:54,640

better than countries that opt for

489

00:19:59,190 --> 00:19:56,160

mitigation

490

00:20:02,549 --> 00:19:59,200

i.e action increased in a

491

00:20:04,830 --> 00:20:02,559

stepwise targeted way to reduce cases

492

00:20:06,789 --> 00:20:04,840

so as not to overwhelm the healthcare

493

00:20:09,029 --> 00:20:06,799

systems

494

00:20:10,710 --> 00:20:09,039

why you should be skeptical of recent

495

00:20:13,830 --> 00:20:10,720

ufo reports

496

00:20:16,230 --> 00:20:13,840

a story on recent ufo videos in the u.s

497

00:20:19,750 --> 00:20:16,240

with good scientific explanations

498

00:20:22,710 --> 00:20:19,760

but ufo's stories still abound see later

499

00:20:23,909 --> 00:20:22,720

in this newsletter u.s study low

500

00:20:26,549 --> 00:20:23,919

vaccination

501

00:20:27,990 --> 00:20:26,559

and low iq study looks at u.s

502

00:20:30,789 --> 00:20:28,000

vaccination rates

503

00:20:32,070 --> 00:20:30,799

there's others average iq scores the

504

00:20:34,549 --> 00:20:32,080

result

505

00:20:35,669 --> 00:20:34,559

five of the 10 states with the lowest

506

00:20:38,149 --> 00:20:35,679

iqs

507

00:20:40,310 --> 00:20:38,159

are among the 10 states with the lowest

508

00:20:43,669 --> 00:20:40,320

rates of fully vaccinated

509

00:20:47,110 --> 00:20:43,679

adults and half of the 10 smartest

510

00:20:49,590 --> 00:20:47,120

states rank among the 10 most vaccinated

511

00:20:51,909 --> 00:20:49,600

ones one question has to be asked

512

00:20:53,350 --> 00:20:51,919

is the rating of average iq

513

00:20:56,710 --> 00:20:53,360

substantiated

514

00:20:58,789 --> 00:20:56,720

a tough one to consider why people

515

00:21:00,230 --> 00:20:58,799

aren't getting vaccinated a brief

516

00:21:02,470 --> 00:21:00,240

article offering

517

00:21:03,510 --> 00:21:02,480

categories based on people's support or

518

00:21:07,029 --> 00:21:03,520

rejection of

519

00:21:09,190 --> 00:21:07,039

covert vaccination factors contributing

520

00:21:10,789 --> 00:21:09,200

to science rejection across countries

521

00:21:13,029 --> 00:21:10,799

a paper from the netherlands looks at

522

00:21:15,990 --> 00:21:13,039

why people choose to believe nonsense

523

00:21:17,029 --> 00:21:16,000

this is the subject of the feature in

524

00:21:20,149 --> 00:21:17,039

the coming issue

525

00:21:22,470 --> 00:21:20,159

of the skeptic magazine

526
00:21:23,669 --> 00:21:22,480
and a link there so you can subscribe

527
00:21:25,870 --> 00:21:23,679
but of course

528
00:21:26,980 --> 00:21:25,880
you can subscribe by going to

529
00:21:29,029 --> 00:21:26,990
skeptics.com.edu

530
00:21:31,590 --> 00:21:29,039
[Music]

531
00:21:32,789 --> 00:21:31,600
pseudoscience can lead to real harm a

532
00:21:36,549 --> 00:21:32,799
heartfelt plea

533
00:21:38,950 --> 00:21:36,559
from a teacher retiring from promoting

534
00:21:40,549 --> 00:21:38,960
popular science a lot of this you've

535
00:21:43,190 --> 00:21:40,559
probably met before

536
00:21:44,070 --> 00:21:43,200
but this is a succinct argument in favor

537
00:21:46,230 --> 00:21:44,080
of reasonable

538
00:21:47,909 --> 00:21:46,240

thinking in the face of rampant

539

00:21:50,870 --> 00:21:47,919

pseudoscience

540

00:21:53,110 --> 00:21:50,880

why you should reconsider astrology

541

00:21:54,470 --> 00:21:53,120

wouldn't normally bother too much about

542

00:21:57,110 --> 00:21:54,480

an article written by an

543

00:21:57,990 --> 00:21:57,120

astrologer to convince themselves of the

544

00:22:01,029 --> 00:21:58,000

legitimacy

545

00:22:04,070 --> 00:22:01,039

of their art but this one is notable

546

00:22:05,590 --> 00:22:04,080

for misunderstanding objections to

547

00:22:09,029 --> 00:22:05,600

astrology

548

00:22:10,390 --> 00:22:09,039

quote skeptics generally fall into one

549

00:22:12,789 --> 00:22:10,400

of two categories

550

00:22:13,510 --> 00:22:12,799

the first bunch is dismissive of

551
00:22:16,230 --> 00:22:13,520
astrology

552
00:22:17,029 --> 00:22:16,240
because they never got a legit intro to

553
00:22:20,549 --> 00:22:17,039
it

554
00:22:23,590 --> 00:22:20,559
generalized

555
00:22:25,350 --> 00:22:23,600
amateur written horoscopes the second is

556
00:22:28,470 --> 00:22:25,360
the full-blown haters

557
00:22:31,510 --> 00:22:28,480
hell-bent on blowing it off as

558
00:22:32,230 --> 00:22:31,520
useful as a fortune cookie or magic

559
00:22:34,390 --> 00:22:32,240
8-ball

560
00:22:35,990 --> 00:22:34,400
and they're somehow incensed by its mere

561
00:22:38,870 --> 00:22:36,000
existence main quote

562
00:22:40,230 --> 00:22:38,880
nothing then about astrology being an

563
00:22:41,510 --> 00:22:40,240

unproven practice based on

564

00:22:43,990 --> 00:22:41,520

pseudoscientific

565

00:22:46,549 --> 00:22:44,000

nonsense university of wollongong

566

00:22:48,549 --> 00:22:46,559

teaching dowsing to kids update

567

00:22:51,350 --> 00:22:48,559

and you might remember we mentioned this

568

00:22:53,430 --> 00:22:51,360

an episode or two ago

569

00:22:55,270 --> 00:22:53,440

last newsletter we alerted our readers

570

00:22:57,190 --> 00:22:55,280

to the university of wollongong

571

00:23:00,149 --> 00:22:57,200

promoting a course for kids

572

00:23:01,110 --> 00:23:00,159

in years three and four on dowsing as

573

00:23:03,669 --> 00:23:01,120

part of its early

574

00:23:04,549 --> 00:23:03,679

learning lab workshops the blurb for the

575

00:23:08,390 --> 00:23:04,559

course was

576

00:23:10,470 --> 00:23:08,400

full-on quote this is for real end quote

577

00:23:12,549 --> 00:23:10,480

our readers were outraged and contacted

578

00:23:15,909 --> 00:23:12,559

the uni to express their concern

579

00:23:19,110 --> 00:23:15,919

within minutes the course was cancelled

580

00:23:22,470 --> 00:23:19,120

this wasn't a huge thing just a short

581

00:23:24,950 --> 00:23:22,480

course for kids nothing like a uni

582

00:23:27,590 --> 00:23:24,960

giving a phd to an anti-vaccination

583

00:23:29,669 --> 00:23:27,600

rant for instance but it does show that

584

00:23:31,909 --> 00:23:29,679

skeptical activism works

585

00:23:33,270 --> 00:23:31,919

and can work quickly when the message is

586

00:23:34,950 --> 00:23:33,280

clear and forthright

587

00:23:36,789 --> 00:23:34,960

keep that in mind when the next

588

00:23:40,870 --> 00:23:36,799

pseudo-scientific phd

589

00:23:43,190 --> 00:23:40,880

comes along this secret science club

590

00:23:44,549 --> 00:23:43,200

we're told that this monthly series of

591

00:23:46,950 --> 00:23:44,559

science lectures

592

00:23:48,630 --> 00:23:46,960

ran live in brooklyn new york for some

593

00:23:50,870 --> 00:23:48,640

years before the pandemic

594

00:23:53,190 --> 00:23:50,880

it's now moved online it's free although

595

00:23:55,110 --> 00:23:53,200

donations are gratefully accepted

596

00:23:57,669 --> 00:23:55,120

for the first time they are releasing

597

00:23:59,269 --> 00:23:57,679

recordings of past presentations

598

00:24:01,110 --> 00:23:59,279

then we have information about the next

599

00:24:04,230 --> 00:24:01,120

issue of the skeptic magazine

600

00:24:06,230 --> 00:24:04,240

the june 2021 issue of the skeptic will

601
00:24:07,029 --> 00:24:06,240
hit stands very soon metaphorically

602
00:24:08,870 --> 00:24:07,039
speaking

603
00:24:11,350 --> 00:24:08,880
it has a major feature on why people

604
00:24:13,750 --> 00:24:11,360
believe as opposed to what they believe

605
00:24:15,830 --> 00:24:13,760
what psychologists and science leaders

606
00:24:16,630 --> 00:24:15,840
think the legal implications of holding

607
00:24:19,190 --> 00:24:16,640
beliefs

608
00:24:21,190 --> 00:24:19,200
and case studies of the victory of

609
00:24:23,750 --> 00:24:21,200
belief over reason

610
00:24:25,830 --> 00:24:23,760
we'll also be looking at the myths and

611
00:24:28,390 --> 00:24:25,840
conspiracies associated

612
00:24:29,430 --> 00:24:28,400
with the port arthur massacre that

613
00:24:31,830 --> 00:24:29,440

tragic event

614

00:24:34,230 --> 00:24:31,840

which occurred 25 years ago and a

615

00:24:37,190 --> 00:24:34,240

history of your favorite organization

616

00:24:38,070 --> 00:24:37,200

the oxymetrical society the newsletter

617

00:24:40,710 --> 00:24:38,080

also lists

618

00:24:42,950 --> 00:24:40,720

upcoming events in sydney queensland

619

00:24:44,070 --> 00:24:42,960

canberra perth adelaide victoria gold

620

00:24:47,190 --> 00:24:44,080

coast

621

00:24:49,190 --> 00:24:47,200

canberra again they are busy and

622

00:24:50,310 --> 00:24:49,200

items of interest include various links

623

00:24:53,350 --> 00:24:50,320

to recent

624

00:24:54,870 --> 00:24:53,360

alien stories including former president

625

00:24:57,110 --> 00:24:54,880

barack obama

626
00:24:58,149 --> 00:24:57,120
and another late item here sydney

627
00:25:00,549 --> 00:24:58,159
highway

628
00:25:01,590 --> 00:25:00,559
that locals say is haunted by slain

629
00:25:04,230 --> 00:25:01,600
hitchhiker

630
00:25:06,070 --> 00:25:04,240
a pair of ghost hunters investigating a

631
00:25:07,750 --> 00:25:06,080
paranormal australian highway

632
00:25:09,750 --> 00:25:07,760
claimed to have encountered the spirit

633
00:25:10,710 --> 00:25:09,760
of a slain hitchhiker while wandering

634
00:25:12,870 --> 00:25:10,720
the road

635
00:25:14,549 --> 00:25:12,880
late at night you don't see many

636
00:25:16,630 --> 00:25:14,559
hitchhikers around anymore

637
00:25:18,390 --> 00:25:16,640
sydney's wakehurst parkway is hardly a

638
00:25:20,149 --> 00:25:18,400

highway a stretch of road

639

00:25:21,830 --> 00:25:20,159

winding through bushland in the city's

640

00:25:25,350 --> 00:25:21,840

northern beaches

641

00:25:28,390 --> 00:25:25,360

but it quote is known for falling into

642

00:25:30,230 --> 00:25:28,400

near-total darkness at night end quote

643

00:25:33,029 --> 00:25:30,240

most of it is through the bush so

644

00:25:36,470 --> 00:25:33,039

naturally falls into darkness

645

00:25:38,630 --> 00:25:36,480

and finally psychic parrot sees the

646

00:25:41,990 --> 00:25:38,640

ghost of a dog friend

647

00:25:44,310 --> 00:25:42,000

a forage slapper actually this is more

648

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

about the pros and cons of living with a

649

00:25:47,350 --> 00:25:45,760

noisy pet parrot

650

00:25:48,950 --> 00:25:47,360

but the video of the talking bird is

651

00:25:54,830 --> 00:25:48,960

cute but

652

00:25:54,840 --> 00:25:59,110

paragraph

653

00:26:03,029 --> 00:26:01,190

and just mentioning ufos the seven

654

00:26:07,510 --> 00:26:03,039

network runners feature

655

00:26:09,750 --> 00:26:07,520

special on last sunday night ufos

656

00:26:10,710 --> 00:26:09,760

australia's own ufo cover-up exposed in

657

00:26:13,909 --> 00:26:10,720

seven new

658

00:26:15,430 --> 00:26:13,919

spotlight investigation it went for an

659

00:26:19,430 --> 00:26:15,440

hour and a half

660

00:26:22,870 --> 00:26:19,440

much and delivered

661

00:26:24,070 --> 00:26:22,880

nothing sadly what annoyed me was having

662

00:26:26,310 --> 00:26:24,080

to sit through it in the first place

663

00:26:27,350 --> 00:26:26,320

well that's pretty annoying but the

664

00:26:30,789 --> 00:26:27,360

frequent

665

00:26:33,090 --> 00:26:30,799

use of debunked videos like tic tac and

666

00:26:35,029 --> 00:26:33,100

go fast and the recent pyramid ones

667

00:26:36,830 --> 00:26:35,039

[Music]

668

00:26:38,070 --> 00:26:36,840

it's funny how these ufo hunters and

669

00:26:39,510 --> 00:26:38,080

investigators

670

00:26:41,190 --> 00:26:39,520

keep screaming that they want the truth

671

00:26:42,950 --> 00:26:41,200

to come out the truth come out

672

00:26:44,789 --> 00:26:42,960

when the truth is out there they ignore

673

00:26:45,909 --> 00:26:44,799

it or pretend it doesn't happen because

674

00:26:48,310 --> 00:26:45,919

it doesn't

675

00:26:50,549 --> 00:26:48,320

match with what they want and they want

676

00:26:52,390 --> 00:26:50,559

ufos to be real at least

677

00:26:54,149 --> 00:26:52,400

they want people to think ufos are real

678

00:26:55,350 --> 00:26:54,159

long enough to watch their program which

679

00:26:57,750 --> 00:26:55,360

i did

680

00:26:59,669 --> 00:26:57,760

the documentary circle documentary was

681

00:27:02,870 --> 00:26:59,679

also full of eyewitness accounts

682

00:27:04,710 --> 00:27:02,880

and claims of government conspiracy etc

683

00:27:07,269 --> 00:27:04,720

etc we've seen it all before we've heard

684

00:27:10,310 --> 00:27:07,279

it all before going back decades and

685

00:27:12,070 --> 00:27:10,320

decades and decades

686

00:27:14,149 --> 00:27:12,080

some of the gems from decades past

687

00:27:17,190 --> 00:27:14,159

include chariots of the gods

688

00:27:18,149 --> 00:27:17,200

overlords of the ufo mysteries of the

689

00:27:21,750 --> 00:27:18,159

gods

690

00:27:22,789 --> 00:27:21,760

it has begun ufo syndrome the alien

691

00:27:25,269 --> 00:27:22,799

autopsy

692

00:27:26,630 --> 00:27:25,279

australian ufos and alien encounters

693

00:27:29,669 --> 00:27:26,640

down under

694

00:27:32,310 --> 00:27:29,679

ufo phenomenon seeing is believing

695

00:27:33,510 --> 00:27:32,320

so this one seven new spotlight special

696

00:27:35,830 --> 00:27:33,520

the phenomenon

697

00:27:37,590 --> 00:27:35,840

likely use that word reveals the truth

698

00:27:40,630 --> 00:27:37,600

about ufos

699

00:27:42,710 --> 00:27:40,640

is simply next on the list

700

00:27:44,549 --> 00:27:42,720

and it will be catalogued and become

701
00:27:46,389 --> 00:27:44,559
part of history and

702
00:27:48,310 --> 00:27:46,399
i think in 10 years they'll have a brand

703
00:27:49,750 --> 00:27:48,320
new documentary exposing the truth and

704
00:27:52,389 --> 00:27:49,760
they're out there and the government's

705
00:27:53,909 --> 00:27:52,399
conspiracies

706
00:27:56,630 --> 00:27:53,919
mick west if you're listening we do

707
00:28:03,190 --> 00:27:58,549
and you can subscribe to that newsletter

708
00:28:13,909 --> 00:28:03,200
yourself at skeptics.com

709
00:28:17,510 --> 00:28:16,230
hey fellow skeptics ben radford here

710
00:28:19,029 --> 00:28:17,520
with celestia ward

711
00:28:21,430 --> 00:28:19,039
your friendly host of squaring the

712
00:28:22,710 --> 00:28:21,440
strange a podcast that looks at topics

713
00:28:25,110 --> 00:28:22,720

ranging from legends

714

00:28:26,470 --> 00:28:25,120

panics and cryptids to media myths

715

00:28:28,310 --> 00:28:26,480

psychology and folklore

716

00:28:30,149 --> 00:28:28,320

breaking things down and picking things

717

00:28:32,149 --> 00:28:30,159

apart as we skeptics do

718

00:28:34,549 --> 00:28:32,159

we bring a few different perspectives on

719

00:28:35,430 --> 00:28:34,559

things celestia for example is a witty

720

00:28:37,190 --> 00:28:35,440

cartoonist

721

00:28:38,870 --> 00:28:37,200

and ben is a brilliant writer and long

722

00:28:40,789 --> 00:28:38,880

time skeptical investigator

723

00:28:42,870 --> 00:28:40,799

we don't always agree but we have fun

724

00:28:45,350 --> 00:28:42,880

trying and we learn new things

725

00:28:47,430 --> 00:28:45,360

join us for new topics every week or two

726

00:28:48,230 --> 00:28:47,440

or browse our backlog of evergreen

727

00:28:51,269 --> 00:28:48,240

episodes

728

00:28:53,590 --> 00:28:51,279

available on itunes and all your podcast

729

00:28:56,830 --> 00:28:53,600

feeding troughs squaring the strange

730

00:29:08,310 --> 00:28:59,450

bye-bye

731

00:29:08,320 --> 00:29:14,549

and now a reading from the book of tim

732

00:29:21,430 --> 00:29:15,680

with tim menden

733

00:29:25,590 --> 00:29:23,669

hi my name's tim mendenham i'm the

734

00:29:26,630 --> 00:29:25,600

editor of australian skeptics magazine

735

00:29:28,070 --> 00:29:26,640

the skeptic

736

00:29:31,909 --> 00:29:28,080

and this one is for our friends in

737

00:29:36,950 --> 00:29:33,430

today i'll be reading from the skeptic

738

00:29:37,830 --> 00:29:36,960

magazine september 2017 which is volume

739

00:29:40,630 --> 00:29:37,840

37

740

00:29:41,590 --> 00:29:40,640

number three i'm taking the reading from

741

00:29:43,830 --> 00:29:41,600

our regular column

742

00:29:45,269 --> 00:29:43,840

what goes around which is based on the

743

00:29:47,190 --> 00:29:45,279

premise that you can start off with a

744

00:29:49,110 --> 00:29:47,200

particular fact or anecdote

745

00:29:50,549 --> 00:29:49,120

and by various connections work your way

746

00:29:52,070 --> 00:29:50,559

all the way back round to where you

747

00:29:55,029 --> 00:29:52,080

started from

748

00:29:55,909 --> 00:29:55,039

and the reading today is about staring

749

00:29:57,100 --> 00:29:55,919

storing

750

00:30:03,590 --> 00:29:57,110

and summoning up

751
00:30:05,830 --> 00:30:03,600

[Music]

752
00:30:07,710 --> 00:30:05,840
and we're looking at the psychic staring

753
00:30:10,630 --> 00:30:07,720
effect which is sometimes called

754
00:30:12,710 --> 00:30:10,640
scopasthesia which is a supposed

755
00:30:15,669 --> 00:30:12,720
phenomenon in which humans

756
00:30:17,029 --> 00:30:15,679
detect being stared at by extrasensory

757
00:30:18,630 --> 00:30:17,039
means

758
00:30:20,230 --> 00:30:18,640
the idea was first explored by

759
00:30:24,149 --> 00:30:20,240
psychologist edward b

760
00:30:24,870 --> 00:30:24,159
titchener in 1898 after students in his

761
00:30:27,430 --> 00:30:24,880
junior

762
00:30:29,590 --> 00:30:27,440
classes reported being able to feel when

763
00:30:31,029 --> 00:30:29,600

somebody was looking at them

764

00:30:33,669 --> 00:30:31,039

even though they could not see this

765

00:30:35,590 --> 00:30:33,679

person titchener performed a series of

766

00:30:35,990 --> 00:30:35,600

laboratory experiments that found only

767

00:30:38,789 --> 00:30:36,000

negative

768

00:30:40,269 --> 00:30:38,799

results the effect has been the subject

769

00:30:41,590 --> 00:30:40,279

of contemporary attention from

770

00:30:44,070 --> 00:30:41,600

parapsychologists

771

00:30:44,950 --> 00:30:44,080

and friends researchers from the 1980s

772

00:30:47,510 --> 00:30:44,960

onwards

773

00:30:49,029 --> 00:30:47,520

not to mention a school classroom test

774

00:30:51,430 --> 00:30:49,039

by victorian skeptic

775

00:30:52,789 --> 00:30:51,440

adam van langenberg which you can read

776

00:30:53,669 --> 00:30:52,799

about in an earlier issue of our

777

00:30:56,389 --> 00:30:53,679

magazine

778

00:31:00,470 --> 00:30:56,399

volume 32 number three edward bradford

779

00:31:02,389 --> 00:31:00,480

titchener who lived from 1867 to 1927

780

00:31:03,990 --> 00:31:02,399

was a british psychologist best known

781

00:31:06,070 --> 00:31:04,000

for creating his version

782

00:31:07,590 --> 00:31:06,080

of psychology that described the

783

00:31:10,630 --> 00:31:07,600

structure of the mind

784

00:31:13,029 --> 00:31:10,640

structuralism he created the largest

785

00:31:13,750 --> 00:31:13,039

doctoral program in the united states at

786

00:31:15,669 --> 00:31:13,760

the time

787

00:31:16,789 --> 00:31:15,679

after becoming a professor at cornell

788

00:31:18,710 --> 00:31:16,799

university

789

00:31:20,070 --> 00:31:18,720

and his first graduate student margaret

790

00:31:21,990 --> 00:31:20,080

floy washburn

791

00:31:24,870 --> 00:31:22,000

became the first woman to be granted a

792

00:31:25,909 --> 00:31:24,880

phd in psychology

793

00:31:27,669 --> 00:31:25,919

he was a chartered member of the

794

00:31:29,430 --> 00:31:27,679

american psychological association

795

00:31:32,310 --> 00:31:29,440

became the american editor of

796

00:31:33,750 --> 00:31:32,320

mind magazine in 1894 an associate

797

00:31:34,710 --> 00:31:33,760

editor of the american journal of

798

00:31:38,630 --> 00:31:34,720

psychology

799

00:31:39,909 --> 00:31:38,640

in 1895 and wrote several books in 1904

800

00:31:42,070 --> 00:31:39,919

he founded the group

801
00:31:44,830 --> 00:31:42,080
the experimentalists which continues

802
00:31:47,909 --> 00:31:44,840
today as the society of experimental

803
00:31:49,990 --> 00:31:47,919
psychologists tituna's brain

804
00:31:52,789 --> 00:31:50,000
was donated to the wilder brain

805
00:31:55,110 --> 00:31:52,799
collection at cornell

806
00:31:56,630 --> 00:31:55,120
now the wilder brain collection in the

807
00:31:57,590 --> 00:31:56,640
cornell university department of

808
00:32:01,590 --> 00:31:57,600
psychology

809
00:32:03,190 --> 00:32:01,600
houses approximately 120 human brains

810
00:32:05,190 --> 00:32:03,200
from the original collection of 600 so

811
00:32:08,549 --> 00:32:05,200
i'm not sure what happened to the others

812
00:32:10,789 --> 00:32:08,559
it was created by bert wilder in 1889

813
00:32:12,710 --> 00:32:10,799

to collect the brains of educated and

814

00:32:15,110 --> 00:32:12,720

orderly persons

815

00:32:15,990 --> 00:32:15,120

brains on display include that of edward

816

00:32:17,830 --> 00:32:16,000

h roloff

817

00:32:20,789 --> 00:32:17,840

also known as roloff rulerson or

818

00:32:22,310 --> 00:32:20,799

roloffson a 19th century american doctor

819

00:32:24,149 --> 00:32:22,320

lawyer schoolmaster photographer

820

00:32:25,110 --> 00:32:24,159

inventor carpet designer phrenologist

821

00:32:28,149 --> 00:32:25,120

philologist

822

00:32:30,389 --> 00:32:28,159

and serial killer rolloff's brain is said

823

00:32:31,990 --> 00:32:30,399

to be one of the largest on record

824

00:32:34,710 --> 00:32:32,000

the collection also includes a piece of

825

00:32:37,990 --> 00:32:34,720

a pumpkin that was placed on the spike

826

00:32:41,269 --> 00:32:38,000

of the university's mcgraw tower in 1997

827

00:32:45,029 --> 00:32:41,279

and wilder's own brain bert green

828

00:32:47,750 --> 00:32:45,039

wilder born 1841 died 1925

829

00:32:49,430 --> 00:32:47,760

was an american comparative anatomist he

830

00:32:51,990 --> 00:32:49,440

graduated at harvard from the lawrence

831

00:32:54,870 --> 00:32:52,000

scientific school in 1862

832

00:32:56,710 --> 00:32:54,880

and the medical department in 1866

833

00:32:59,669 --> 00:32:56,720

during part of the u.s civil war

834

00:33:01,830 --> 00:32:59,679

he served as surgeon of the 55th negro

835

00:33:05,190 --> 00:33:01,840

massachusetts infantry

836

00:33:06,950 --> 00:33:05,200

from 1867 to his retirement in 1910

837

00:33:08,549 --> 00:33:06,960

he was professor of neurology and

838

00:33:12,230 --> 00:33:08,559

vertebrate zoology

839

00:33:14,549 --> 00:33:12,240

at cornell in 1885 he was president

840

00:33:16,710 --> 00:33:14,559

of the american neurological association

841

00:33:18,710 --> 00:33:16,720

and in 1898 of the association of

842

00:33:20,470 --> 00:33:18,720

american anatomists

843

00:33:22,230 --> 00:33:20,480

wilder is credited with the earliest

844

00:33:26,230 --> 00:33:22,240

known instance of the term

845

00:33:26,870 --> 00:33:26,240

neuron in 1884 when he used the word to

846

00:33:30,389 --> 00:33:26,880

describe

847

00:33:32,710 --> 00:33:30,399

the cerebrospinal axis also known as the

848

00:33:34,470 --> 00:33:32,720

central nervous system

849

00:33:35,990 --> 00:33:34,480

neurons are cells that send and receive

850

00:33:38,789 --> 00:33:36,000

electrochemical signals

851
00:33:40,950 --> 00:33:38,799
to and from the brain and nervous system

852
00:33:41,830 --> 00:33:40,960
there are about 100 billion neurons in

853
00:33:44,549 --> 00:33:41,840
the brain

854
00:33:45,350 --> 00:33:44,559
in 2012 mit researchers showed for the

855
00:33:47,430 --> 00:33:45,360
first time

856
00:33:48,789 --> 00:33:47,440
that memories are stored in specific

857
00:33:51,350 --> 00:33:48,799
brain cells

858
00:33:53,110 --> 00:33:51,360
by triggering a small cluster of neurons

859
00:33:54,230 --> 00:33:53,120
the researchers were able to force the

860
00:33:57,110 --> 00:33:54,240
subject to recall

861
00:33:57,909 --> 00:33:57,120
a specific memory by removing these

862
00:34:00,549 --> 00:33:57,919
neurons

863
00:34:02,470 --> 00:34:00,559

the subject would lose that memory the

864

00:34:05,350 --> 00:34:02,480

location of memory in the brain was the

865

00:34:07,990 --> 00:34:05,360

subject of a debate in the late 1980s

866

00:34:10,470 --> 00:34:08,000

between professor stephen rose

867

00:34:12,950 --> 00:34:10,480

neuroscientist from the open university

868

00:34:14,310 --> 00:34:12,960

and rupert sheldrake former biochemist

869

00:34:17,190 --> 00:34:14,320

and cell biologist

870

00:34:18,550 --> 00:34:17,200

at cambridge alfred rupert sheldrake

871

00:34:20,550 --> 00:34:18,560

1942

872

00:34:22,470 --> 00:34:20,560

and still living english author

873

00:34:24,389 --> 00:34:22,480

researcher and parapsychologist

874

00:34:26,629 --> 00:34:24,399

known for the debunked concept of

875

00:34:28,149 --> 00:34:26,639

morphic resonance

876

00:34:30,149 --> 00:34:28,159

in a column in the guardian he wrote

877

00:34:32,470 --> 00:34:30,159

that the idea that memories were stored

878

00:34:34,389 --> 00:34:32,480

in our brains was only a theory

879

00:34:37,349 --> 00:34:34,399

and despite decades of research the

880

00:34:39,669 --> 00:34:37,359

phenomenon of memory remains mysterious

881

00:34:41,589 --> 00:34:39,679

sheldrake attacked his critic rose for

882

00:34:43,190 --> 00:34:41,599

following materialism

883

00:34:44,950 --> 00:34:43,200

arguing that quantum physics had

884

00:34:47,030 --> 00:34:44,960

overturned materialism

885

00:34:47,990 --> 00:34:47,040

and suggested that memories may turn out

886

00:34:51,510 --> 00:34:48,000

to depend

887

00:34:53,750 --> 00:34:51,520

on morphic resonance rather than memory

888

00:34:55,589 --> 00:34:53,760

traces sheldrake ventured into

889

00:34:57,750 --> 00:34:55,599

paranormal areas

890

00:34:59,670 --> 00:34:57,760

one of his books being the sense of

891

00:35:02,230 --> 00:34:59,680

being stared at

892

00:35:04,630 --> 00:35:02,240

exploring telepathy precognition and the

893

00:35:06,240 --> 00:35:04,640

psychic staring effect which is where we

894

00:35:09,990 --> 00:35:06,250

came from in the start

895

00:35:12,550 --> 00:35:10,000

[Music]

896

00:35:15,510 --> 00:35:12,560

and that's what goes around from skeptic

897

00:35:17,510 --> 00:35:15,520

september 2017 volume 37

898

00:35:19,510 --> 00:35:17,520

number three and you can download that

899

00:35:24,230 --> 00:35:19,520

copy and most of our magazines

900

00:35:26,230 --> 00:35:24,240

from our website skeptics.com.iu

901
00:35:27,910 --> 00:35:26,240
and while you're there why not have a

902
00:35:30,390 --> 00:35:27,920
look at this subscription form

903
00:35:31,270 --> 00:35:30,400
and you can find out what future stories

904
00:35:33,780 --> 00:35:31,280
we'll have

905
00:35:40,440 --> 00:35:33,790
as soon as they arrive

906
00:35:40,450 --> 00:35:43,670
[Music]

907
00:35:47,750 --> 00:35:46,390
hi my name's joe thornley and i'd like

908
00:35:50,230 --> 00:35:47,760
you to join my co

909
00:35:51,670 --> 00:35:50,240
um i'd like you to listen to my podcast

910
00:35:53,990 --> 00:35:51,680
about cults

911
00:35:55,990 --> 00:35:54,000
called zealot it's available pretty much

912
00:35:58,790 --> 00:35:56,000
anywhere you find podcasts with further

913
00:36:00,950 --> 00:35:58,800

reading on the zealot facebook page

914

00:36:02,790 --> 00:36:00,960

each episode a guest joins me to talk

915

00:36:04,630 --> 00:36:02,800

about a specific cult where we answer

916

00:36:09,670 --> 00:36:04,640

the big questions like

917

00:36:18,470 --> 00:36:11,960

and does anyone think they're jesus

918

00:36:22,310 --> 00:36:20,069

pop over to my compound and have a

919

00:36:26,790 --> 00:36:22,320

listen i've just mixed up a fresh batch

920

00:36:42,710 --> 00:36:26,800

of kool-aid

921

00:36:47,510 --> 00:36:44,710

now let's look once more into those

922

00:36:49,829 --> 00:36:47,520

digital archives from around the world

923

00:36:51,030 --> 00:36:49,839

online newspapers gazettes magazines and

924

00:36:55,349 --> 00:36:51,040

so on

925

00:36:58,310 --> 00:36:55,359

digitized by national libraries

926
00:36:59,910 --> 00:36:58,320
uh archivists whatever the case may be

927
00:37:03,270 --> 00:36:59,920
i'm glad they're doing it

928
00:37:05,270 --> 00:37:03,280
because it gives us access to a treasure

929
00:37:08,710 --> 00:37:05,280
trove of information

930
00:37:12,710 --> 00:37:08,720
now inspired by the so-called blood

931
00:37:14,870 --> 00:37:12,720
moon eclipse from a couple of weeks ago

932
00:37:17,270 --> 00:37:14,880
i thought we would look into reports

933
00:37:22,950 --> 00:37:17,280
about the full moon

934
00:37:25,990 --> 00:37:22,960
and crime

935
00:37:29,870 --> 00:37:26,000
and i've picked uh three items of

936
00:37:31,910 --> 00:37:29,880
interest the first one comes to us from

937
00:37:35,190 --> 00:37:31,920
1972

938
00:37:39,030 --> 00:37:35,200

published in the amarillo globe times

939

00:37:44,130 --> 00:37:39,040

on the 21st of june

940

00:37:48,310 --> 00:37:44,140

full moon on miami means rise in crime

941

00:37:52,790 --> 00:37:51,430

dallas associated press when the full

942

00:37:56,390 --> 00:37:52,800

moon peers down on

943

00:37:58,310 --> 00:37:56,400

dallas it doesn't send any chills up the

944

00:38:00,470 --> 00:37:58,320

spines of police

945

00:38:01,349 --> 00:38:00,480

a recent report from miami stated the

946

00:38:04,550 --> 00:38:01,359

police there

947

00:38:05,829 --> 00:38:04,560

literally dread the full moon even

948

00:38:08,310 --> 00:38:05,839

though it hasn't been

949

00:38:09,910 --> 00:38:08,320

scientifically proven that one means

950

00:38:12,550 --> 00:38:09,920

trouble

951
00:38:13,510 --> 00:38:12,560
the full moon is the miami police guide

952
00:38:15,990 --> 00:38:13,520
as to when the

953
00:38:17,670 --> 00:38:16,000
volume of crime both minor and violent

954
00:38:21,270 --> 00:38:17,680
will increase

955
00:38:23,589 --> 00:38:21,280
in dallas police scoff at that belief

956
00:38:25,349 --> 00:38:23,599
as far as we're concerned the full moon

957
00:38:27,829 --> 00:38:25,359
is just another day first

958
00:38:30,310 --> 00:38:27,839
we don't pay any attention to it said

959
00:38:33,349 --> 00:38:30,320
homicide captain jack davis

960
00:38:37,349 --> 00:38:33,359
however miami has a study on which

961
00:38:39,270 --> 00:38:37,359
to base its fear dr arnold lieber

962
00:38:41,270 --> 00:38:39,280
psychiatric consultant for its police

963
00:38:44,310 --> 00:38:41,280

department recently completed an

964

00:38:47,750 --> 00:38:44,320

in-depth study of all the crime data

965

00:38:49,270 --> 00:38:47,760

it indicated a definite trend that shows

966

00:38:52,390 --> 00:38:49,280

more service calls

967

00:38:56,470 --> 00:38:52,400

crime and other police activity on

968

00:38:58,950 --> 00:38:56,480

days of the full moon dr liebers said he

969

00:39:02,550 --> 00:38:58,960

studied the crime trend over a more

970

00:39:03,510 --> 00:39:02,560

than 10 year period while no major study

971

00:39:05,750 --> 00:39:03,520

on the

972

00:39:07,430 --> 00:39:05,760

moon crime relationship has been

973

00:39:09,589 --> 00:39:07,440

conducted in dallas

974

00:39:11,990 --> 00:39:09,599

a brief look at this year's murder rate

975

00:39:15,109 --> 00:39:12,000

seems to discount the theory

976

00:39:15,990 --> 00:39:15,119

through the first five full moons this

977

00:39:17,910 --> 00:39:16,000

year

978

00:39:19,910 --> 00:39:17,920

none of the city's 80 homicides were

979

00:39:23,270 --> 00:39:19,920

recorded on any of the days

980

00:39:26,470 --> 00:39:23,280

with full moons service calls on

981

00:39:28,470 --> 00:39:26,480

the alleged violent days have not been

982

00:39:30,150 --> 00:39:28,480

drastically above the total of other

983

00:39:33,349 --> 00:39:30,160

days only once

984

00:39:36,630 --> 00:39:33,359

on april 28th did the service calls

985

00:39:38,150 --> 00:39:36,640

rise sharply the most common explanation

986

00:39:41,190 --> 00:39:38,160

given for a belief in

987

00:39:43,910 --> 00:39:41,200

more crime on full moon days is the

988

00:39:45,670 --> 00:39:43,920

pressure exerted by a full moon it

989

00:39:48,310 --> 00:39:45,680

causes high tides and

990

00:39:49,030 --> 00:39:48,320

astrologists believe it puts the same

991

00:39:53,109 --> 00:39:49,040

pressure

992

00:39:56,069 --> 00:39:53,119

on the human brain thus making a person

993

00:39:58,310 --> 00:39:56,079

less likely to control his behavior or

994

00:40:00,870 --> 00:39:58,320

violent tendencies

995

00:40:02,710 --> 00:40:00,880

and that reminds me of something i heard

996

00:40:03,910 --> 00:40:02,720

just the other day on the radio as i was

997

00:40:05,750 --> 00:40:03,920

driving along

998

00:40:07,589 --> 00:40:05,760

and forgive me i can't remember who was

999

00:40:09,430 --> 00:40:07,599

speaking but it was about crime

1000

00:40:10,470 --> 00:40:09,440

statistics and full moons and things

1001
00:40:12,230 --> 00:40:10,480
like that

1002
00:40:13,829 --> 00:40:12,240
and the story related was that a certain

1003
00:40:16,069 --> 00:40:13,839
police department

1004
00:40:17,190 --> 00:40:16,079
thought that the full moon caused more

1005
00:40:20,790 --> 00:40:17,200
crime

1006
00:40:23,670 --> 00:40:20,800
moons

1007
00:40:25,510 --> 00:40:23,680
but it appears that is because the

1008
00:40:27,990 --> 00:40:25,520
police department

1009
00:40:30,230 --> 00:40:28,000
were more vigilant and sent out more

1010
00:40:33,670 --> 00:40:30,240
patrols on nights with full moons

1011
00:40:34,150 --> 00:40:33,680
thus the normal rate of crime that would

1012
00:40:37,349 --> 00:40:34,160
have

1013
00:40:38,630 --> 00:40:37,359

happened anyway well more of that was

1014

00:40:41,270 --> 00:40:38,640
reported

1015

00:40:43,589 --> 00:40:41,280
and so it was sort of like a um a

1016

00:40:45,750 --> 00:40:43,599
self-fulfilling prophecy

1017

00:40:47,190 --> 00:40:45,760
interesting stuff anyway the next item

1018

00:40:50,390 --> 00:40:47,200
we come to

1019

00:40:52,790 --> 00:40:50,400
is from the las vegas sun dated the 7th

1020

00:40:56,230 --> 00:40:52,800
of february 1976

1021

00:40:57,430 --> 00:40:56,240
a piece by harold hyman crime and the

1022

00:40:59,910 --> 00:40:57,440
full moon

1023

00:41:01,589 --> 00:40:59,920
a popular notion through the years has

1024

00:41:04,710 --> 00:41:01,599
been that the phases of the moon

1025

00:41:07,190 --> 00:41:04,720
and incidents of violent crime

1026
00:41:07,750 --> 00:41:07,200
are somehow related when the moon is

1027
00:41:10,470 --> 00:41:07,760
full

1028
00:41:12,870 --> 00:41:10,480
some people say the rate of violent or

1029
00:41:15,670 --> 00:41:12,880
passionate crime increases

1030
00:41:16,550 --> 00:41:15,680
by passionate crime they mean murder

1031
00:41:19,750 --> 00:41:16,560
suicide

1032
00:41:20,550 --> 00:41:19,760
assault rape family fights some type of

1033
00:41:23,750 --> 00:41:20,560
vandalism

1034
00:41:23,990 --> 00:41:23,760
automobile manslaughter reckless driving

1035
00:41:26,710 --> 00:41:24,000
and

1036
00:41:27,750 --> 00:41:26,720
in general the kinds of crime that go

1037
00:41:30,790 --> 00:41:27,760
hand in hand with

1038
00:41:32,069 --> 00:41:30,800

strong emotion many policemen subscribe

1039

00:41:34,470 --> 00:41:32,079

to this theory

1040

00:41:35,990 --> 00:41:34,480

they watch the moon and when it

1041

00:41:39,030 --> 00:41:36,000

approaches the full

1042

00:41:40,309 --> 00:41:39,040

phase they will carry an extra gun in

1043

00:41:43,430 --> 00:41:40,319

their boot

1044

00:41:46,309 --> 00:41:43,440

approach people with extreme caution and

1045

00:41:47,030 --> 00:41:46,319

generally assume that the populace is

1046

00:41:50,950 --> 00:41:47,040

apt

1047

00:41:51,910 --> 00:41:50,960

to be squirrely a little aside here from

1048

00:41:53,829 --> 00:41:51,920

me

1049

00:41:56,309 --> 00:41:53,839

they will carry an extra gun in their

1050

00:41:58,309 --> 00:41:56,319

boot that's quite funny because here in

1051
00:42:01,589 --> 00:41:58,319
australia the boot

1052
00:42:03,829 --> 00:42:01,599
is the trunk of the car but here

1053
00:42:04,790 --> 00:42:03,839
i'm sure it means the boot the boot you

1054
00:42:07,190 --> 00:42:04,800
wear

1055
00:42:08,710 --> 00:42:07,200
so the police carry an extra gun in

1056
00:42:11,670 --> 00:42:08,720
their footwear

1057
00:42:13,990 --> 00:42:11,680
we read on a common phrase in the police

1058
00:42:14,470 --> 00:42:14,000
squad room before a work shift during

1059
00:42:21,910 --> 00:42:14,480
the

1060
00:42:25,030 --> 00:42:21,920
moon

1061
00:42:28,309 --> 00:42:25,040
somehow affects our bodies and causes

1062
00:42:30,870 --> 00:42:28,319
still not understood mood changes

1063
00:42:32,870 --> 00:42:30,880

after all our bodies are mostly water

1064

00:42:36,470 --> 00:42:32,880

and therefore subject to

1065

00:42:39,589 --> 00:42:36,480

moon caused tidal forces

1066

00:42:41,750 --> 00:42:39,599

just as oceans are adherents argue

1067

00:42:43,109 --> 00:42:41,760

one metro officer assigned to the county

1068

00:42:46,550 --> 00:42:43,119

jail swears

1069

00:42:49,990 --> 00:42:46,560

the full moon causes inmate disturbances

1070

00:42:50,630 --> 00:42:50,000

you can see it coming he says and his

1071

00:42:53,670 --> 00:42:50,640

eyes get

1072

00:42:55,109 --> 00:42:53,680

wide as the moon gets larger night after

1073

00:42:56,710 --> 00:42:55,119

night we have more fights

1074

00:42:58,390 --> 00:42:56,720

usually we can hold things down well

1075

00:42:59,750 --> 00:42:58,400

enough but there are those times and

1076

00:43:02,069 --> 00:42:59,760

they come with a full moon

1077

00:43:03,670 --> 00:43:02,079

when a mass inmate fight breaks out and

1078

00:43:06,790 --> 00:43:03,680

they half kill each other

1079

00:43:08,710 --> 00:43:06,800

before we can get in and stop it the

1080

00:43:11,910 --> 00:43:08,720

jailer adds that as the moon

1081

00:43:13,030 --> 00:43:11,920

wanes so do passions of inmates

1082

00:43:16,150 --> 00:43:13,040

disturbances

1083

00:43:19,270 --> 00:43:16,160

become less frequent when the moon is

1084

00:43:22,950 --> 00:43:19,280

in its final or new phase there is

1085

00:43:26,230 --> 00:43:22,960

absolutely no trouble at all he says

1086

00:43:28,470 --> 00:43:26,240

but what do statistics show

1087

00:43:29,430 --> 00:43:28,480

police keep accurate records of crimes

1088

00:43:32,069 --> 00:43:29,440

and arrests

1089

00:43:32,470 --> 00:43:32,079

their statistics do not support the full

1090

00:43:35,990 --> 00:43:32,480

moon

1091

00:43:37,510 --> 00:43:36,000

theory not at all passionate and violent

1092

00:43:40,069 --> 00:43:37,520

crimes occurred during

1093

00:43:41,349 --> 00:43:40,079

every phase of the moon during every

1094

00:43:43,349 --> 00:43:41,359

part of the month

1095

00:43:45,109 --> 00:43:43,359

certainly the night of a full moon may

1096

00:43:47,750 --> 00:43:45,119

see a rise in police

1097

00:43:49,589 --> 00:43:47,760

and ambulance calls but that rise can

1098

00:43:52,069 --> 00:43:49,599

and does occur at other times

1099

00:43:53,589 --> 00:43:52,079

times when the moon is waning and

1100

00:43:57,109 --> 00:43:53,599

according to the theory

1101
00:43:59,990 --> 00:43:57,119
when the incidence of lunar activity

1102
00:44:01,750 --> 00:44:00,000
should be decreasing conversely there

1103
00:44:04,069 --> 00:44:01,760
are full moon nights when there is

1104
00:44:06,630 --> 00:44:04,079
hardly any police activity at all

1105
00:44:07,670 --> 00:44:06,640
and the calls that do come in relate to

1106
00:44:10,790 --> 00:44:07,680
long-term

1107
00:44:12,390 --> 00:44:10,800
embezzlement forgery natural death and

1108
00:44:14,390 --> 00:44:12,400
the kinds of crimes that are not

1109
00:44:16,870 --> 00:44:14,400
governed by emotion or

1110
00:44:17,670 --> 00:44:16,880
by the moon or anything relating to

1111
00:44:20,470 --> 00:44:17,680
either

1112
00:44:21,589 --> 00:44:20,480
what one begins to suspect after talking

1113
00:44:24,630 --> 00:44:21,599

to policemen

1114

00:44:27,109 --> 00:44:24,640

who believe the full moon theory and

1115

00:44:30,069 --> 00:44:27,119

after examining the record is that the

1116

00:44:33,270 --> 00:44:30,079

policemen themselves are squirrels

1117

00:44:35,109 --> 00:44:33,280

and moon freaks they believe in

1118

00:44:37,670 --> 00:44:35,119

the theory because it is something to

1119

00:44:40,870 --> 00:44:37,680

believe in not because it is true

1120

00:44:44,390 --> 00:44:40,880

besides it is romantic or dramatic

1121

00:44:46,550 --> 00:44:44,400

something that puts zip into the day

1122

00:44:47,750 --> 00:44:46,560

or the night's activity and something

1123

00:44:51,030 --> 00:44:47,760

that makes great

1124

00:44:51,589 --> 00:44:51,040

party conversation let's switch from the

1125

00:44:54,630 --> 00:44:51,599

moon

1126

00:44:56,950 --> 00:44:54,640

but not from police the following

1127

00:44:58,710 --> 00:44:56,960

tidbit from police headquarters doesn't

1128

00:45:02,230 --> 00:44:58,720

normally get into the papers

1129

00:45:03,910 --> 00:45:02,240

and it's time that it does cops assigned

1130

00:45:05,829 --> 00:45:03,920

to west las vegas

1131

00:45:07,190 --> 00:45:05,839

take their lives in their hands whenever

1132

00:45:10,309 --> 00:45:07,200

they answer a call

1133

00:45:11,190 --> 00:45:10,319

and that goes for black cops as well as

1134

00:45:13,910 --> 00:45:11,200

white

1135

00:45:16,470 --> 00:45:13,920

to most of the bums who hang around the

1136

00:45:20,150 --> 00:45:16,480

pool halls the bars and street corners

1137

00:45:22,230 --> 00:45:20,160

cops are pigs with depressing regularity

1138

00:45:24,390 --> 00:45:22,240

police cars are targets of rocks and

1139

00:45:25,270 --> 00:45:24,400

bottles when officers arrive to answer

1140

00:45:28,470 --> 00:45:25,280

the most

1141

00:45:29,829 --> 00:45:28,480

simple disturbance call this includes

1142

00:45:35,349 --> 00:45:29,839

north las vegas

1143

00:45:37,910 --> 00:45:35,359

went to a house on helen street

1144

00:45:38,550 --> 00:45:37,920

to answer a disturbance call from

1145

00:45:41,910 --> 00:45:38,560

neighbours

1146

00:45:44,150 --> 00:45:41,920

who complained of a too loud party

1147

00:45:45,270 --> 00:45:44,160

when the cops arrived they were met with

1148

00:45:48,150 --> 00:45:45,280

whiskey bottles

1149

00:45:49,030 --> 00:45:48,160

thrown from the front porch they called

1150

00:45:52,069 --> 00:45:49,040

for help

1151
00:45:55,349 --> 00:45:52,079
more bottles and large rocks were heaved

1152
00:45:57,670 --> 00:45:55,359
at the arriving squad cars metro came

1153
00:46:00,230 --> 00:45:57,680
in with extra assistance and the

1154
00:46:02,870 --> 00:46:00,240
confrontation became a standoff with

1155
00:46:04,390 --> 00:46:02,880
neither the cops nor the party-goers

1156
00:46:07,430 --> 00:46:04,400
giving an inch

1157
00:46:10,550 --> 00:46:07,440
the bottles and rocks stopped flying

1158
00:46:13,670 --> 00:46:10,560
but the party-goers would not disperse

1159
00:46:15,990 --> 00:46:13,680
the two sides just stood there

1160
00:46:17,349 --> 00:46:16,000
and looked at each other finally the

1161
00:46:21,030 --> 00:46:17,359
cops backed off

1162
00:46:23,430 --> 00:46:21,040
they had to what else was there to do

1163
00:46:24,230 --> 00:46:23,440

the situation is not uncommon it happens

1164

00:46:27,670 --> 00:46:24,240

more often

1165

00:46:29,829 --> 00:46:27,680

as the months pass police cars assigned

1166

00:46:31,670 --> 00:46:29,839

to west las vegas frequently come back

1167

00:46:34,309 --> 00:46:31,680

to headquarters with their side

1168

00:46:35,990 --> 00:46:34,319

windows emergency red lights and

1169

00:46:38,550 --> 00:46:36,000

sometimes their windshields

1170

00:46:40,069 --> 00:46:38,560

broken out the cops think they're lucky

1171

00:46:40,870 --> 00:46:40,079

they don't come back in the same

1172

00:46:43,910 --> 00:46:40,880

condition

1173

00:46:44,790 --> 00:46:43,920

and the byline harold hyman a veteran

1174

00:46:46,710 --> 00:46:44,800

reporter

1175

00:46:49,349 --> 00:46:46,720

has covered crime for the sun for a

1176

00:46:51,190 --> 00:46:49,359

decade it was his personal suspicion

1177

00:46:52,230 --> 00:46:51,200

that crime frequency corresponded to

1178

00:46:55,109 --> 00:46:52,240

full moons

1179

00:46:56,710 --> 00:46:55,119

so he researched and found it untrue and

1180

00:46:58,309 --> 00:46:56,720

that was interesting that after the full

1181

00:47:00,870 --> 00:46:58,319

moon piece

1182

00:47:01,430 --> 00:47:00,880

the story went on about the problems

1183

00:47:03,910 --> 00:47:01,440

that

1184

00:47:04,870 --> 00:47:03,920

faced police in las vegas and i wonder

1185

00:47:07,349 --> 00:47:04,880

after about

1186

00:47:09,030 --> 00:47:07,359

what is it about 45 years whether that

1187

00:47:10,870 --> 00:47:09,040

is still the case

1188

00:47:12,550 --> 00:47:10,880

maybe my friend celestia ward from

1189

00:47:13,990 --> 00:47:12,560

squaring the strange who lives in las

1190

00:47:17,589 --> 00:47:14,000

vegas

1191

00:47:22,790 --> 00:47:17,599

she might know and finally we come

1192

00:47:25,750 --> 00:47:22,800

to the lethbridge herald

1193

00:47:27,349 --> 00:47:25,760

and i'm not sure where that is from the

1194

00:47:31,750 --> 00:47:27,359

lethbridge herald

1195

00:47:36,470 --> 00:47:31,760

anyway it's dated the 1st of august 2007

1196

00:47:40,309 --> 00:47:36,480

but it does involve a story from vienna

1197

00:47:43,510 --> 00:47:40,319

full moon is not connected to accidents

1198

00:47:46,150 --> 00:47:43,520

vienna austria associated press

1199

00:47:48,230 --> 00:47:46,160

ever whacked your thumb with a hammer or

1200

00:47:49,190 --> 00:47:48,240

wrenched your back after lifting a heavy

1201
00:47:52,230 --> 00:47:49,200
box

1202
00:47:55,750 --> 00:47:52,240
and blamed the full moon it's a popular

1203
00:47:57,670 --> 00:47:55,760
notion but there's no cosmic connection

1204
00:47:59,030 --> 00:47:57,680
austrian government researchers said

1205
00:48:01,510 --> 00:47:59,040
tuesday

1206
00:48:02,390 --> 00:48:01,520
robert sieberger a physicist and

1207
00:48:05,510 --> 00:48:02,400
astronomer

1208
00:48:05,990 --> 00:48:05,520
at the ministry of economic affairs said

1209
00:48:09,910 --> 00:48:06,000
a team

1210
00:48:11,349 --> 00:48:09,920
of experts analyzed 500 000 industrial

1211
00:48:14,790 --> 00:48:11,359
accidents in austria

1212
00:48:18,150 --> 00:48:14,800
between 2000 and 2004 and found

1213
00:48:20,069 --> 00:48:18,160

no link to lunar activity the full moon

1214

00:48:22,390 --> 00:48:20,079

does not unfavorably affect

1215

00:48:23,270 --> 00:48:22,400

the likelihood of an accident seaburger

1216

00:48:25,589 --> 00:48:23,280

said

1217

00:48:28,230 --> 00:48:25,599

the study released tuesday by the

1218

00:48:31,190 --> 00:48:28,240

general accident insurance office

1219

00:48:31,910 --> 00:48:31,200

said that on average there were 415

1220

00:48:35,270 --> 00:48:31,920

workplace

1221

00:48:36,470 --> 00:48:35,280

accidents registered per day yet on days

1222

00:48:41,750 --> 00:48:36,480

when the moon was

1223

00:48:43,270 --> 00:48:41,760

full the average actually dipped to 385

1224

00:48:45,430 --> 00:48:43,280

although the difference was not

1225

00:48:48,870 --> 00:48:45,440

statistically significant

1226

00:48:50,069 --> 00:48:48,880

the lunar influence theory dates at

1227

00:48:53,190 --> 00:48:50,079

least to the first

1228

00:48:55,030 --> 00:48:53,200

century a.d when the roman scholar

1229

00:48:56,950 --> 00:48:55,040

pliny the elder wrote that his

1230

00:48:59,990 --> 00:48:56,960

observations suggested

1231

00:49:03,190 --> 00:49:00,000

the moon produces drowsiness and

1232

00:49:04,230 --> 00:49:03,200

stupa in those who sleep outside beneath

1233

00:49:06,230 --> 00:49:04,240

her beams

1234

00:49:08,390 --> 00:49:06,240

seaburger who advises the austrian

1235

00:49:10,549 --> 00:49:08,400

government on accident prevention

1236

00:49:13,190 --> 00:49:10,559

said he and fellow researcher manfred

1237

00:49:14,549 --> 00:49:13,200

huber decided to take a closer look

1238

00:49:17,829 --> 00:49:14,559

because the full moon

1239

00:49:20,549 --> 00:49:17,839

theory kept surfacing again

1240

00:49:21,990 --> 00:49:20,559

and again they also checked for a

1241

00:49:23,990 --> 00:49:22,000

possible interplay

1242

00:49:25,829 --> 00:49:24,000

between the rate of accidents and the

1243

00:49:27,829 --> 00:49:25,839

position of the moon

1244

00:49:29,190 --> 00:49:27,839

theorizing that gravity might have some

1245

00:49:32,230 --> 00:49:29,200

effect in tripping

1246

00:49:32,950 --> 00:49:32,240

people up at work but the moon orbits

1247

00:49:36,069 --> 00:49:32,960

the planet

1248

00:49:38,150 --> 00:49:36,079

in almost a perfect circle and there was

1249

00:49:40,549 --> 00:49:38,160

no statistically significant

1250

00:49:43,270 --> 00:49:40,559

relationship between the accident rate

1251

00:49:44,630 --> 00:49:43,280

and the moon's closest proximity to

1252

00:49:47,910 --> 00:49:44,640

earth there were

1253

00:49:48,870 --> 00:49:47,920

an average of 400 accidents on days when

1254

00:49:51,990 --> 00:49:48,880

the moon

1255

00:49:54,190 --> 00:49:52,000

nudged closest the study found compared

1256

00:49:57,349 --> 00:49:54,200

to an average of

1257

00:49:59,829 --> 00:49:57,359

396 per day at other times

1258

00:50:01,990 --> 00:49:59,839

past studies have differed on whether

1259

00:50:05,589 --> 00:50:02,000

the full moon affects humans by

1260

00:50:06,630 --> 00:50:05,599

subtly influencing quote biological

1261

00:50:09,190 --> 00:50:06,640

tides

1262

00:50:12,150 --> 00:50:09,200

end quote a landmark study published in

1263

00:50:15,030 --> 00:50:12,160

1984 by the british medical journal

1264

00:50:18,630 --> 00:50:15,040

examined the incidence of crimes

1265

00:50:21,670 --> 00:50:18,640

reported to police from 1978 to 1982

1266

00:50:21,990 --> 00:50:21,680

in three locations in india one rural

1267

00:50:26,230 --> 00:50:22,000

one

1268

00:50:28,630 --> 00:50:26,240

in crime

1269

00:50:29,430 --> 00:50:28,640

on full moon days compared to all other

1270

00:50:32,870 --> 00:50:29,440

days

1271

00:50:35,430 --> 00:50:32,880

but another study done in canada in 1998

1272

00:50:36,470 --> 00:50:35,440

by university of saskatchewan

1273

00:50:39,750 --> 00:50:36,480

researchers

1274

00:50:42,390 --> 00:50:39,760

looked at nearly 250 000 traffic

1275

00:50:43,589 --> 00:50:42,400

accidents that caused property damage or

1276

00:50:46,790 --> 00:50:43,599

non-fatal injuries

1277

00:50:47,829 --> 00:50:46,800

over a nine-year period and found no

1278

00:50:50,549 --> 00:50:47,839

relationship

1279

00:50:52,829 --> 00:50:50,559

to the lunar phase most scientists agree

1280

00:50:56,069 --> 00:50:52,839

that at nearly

1281

00:50:59,109 --> 00:50:56,079

385 000 kilometers away

1282

00:51:00,630 --> 00:50:59,119

the moon is simply too distant and human

1283

00:51:03,270 --> 00:51:00,640

beings too small

1284

00:51:04,150 --> 00:51:03,280

for it to have any significant effect

1285

00:51:07,190 --> 00:51:04,160

there is no

1286

00:51:08,150 --> 00:51:07,200

real reason why it should said d john

1287

00:51:10,549 --> 00:51:08,160

hillier

1288

00:51:11,589 --> 00:51:10,559

a professor of astronomy at the

1289

00:51:14,390 --> 00:51:11,599

university of

1290

00:51:15,670 --> 00:51:14,400

pittsburgh who was not involved in the

1291

00:51:18,069 --> 00:51:15,680

austrian study

1292

00:51:18,950 --> 00:51:18,079

it's often probably just cases of people

1293

00:51:21,190 --> 00:51:18,960

remembering

1294

00:51:23,750 --> 00:51:21,200

that there happened to be a full moon

1295

00:51:25,910 --> 00:51:23,760

when something occurred he said

1296

00:51:26,950 --> 00:51:25,920

when nothing special happens they tend

1297

00:51:30,309 --> 00:51:26,960

not to notice

1298

00:51:31,030 --> 00:51:30,319

what the moon is doing so this selective

1299

00:51:37,750 --> 00:51:31,040

memory

1300

00:51:39,990 --> 00:51:37,760

just keeps the legend going

1301
00:51:41,190 --> 00:51:40,000
and that was just three of the many many

1302
00:51:43,829 --> 00:51:41,200
many many

1303
00:51:45,510 --> 00:51:43,839
articles returned when i do a search for

1304
00:51:47,270 --> 00:51:45,520
full moon and crime

1305
00:51:49,030 --> 00:51:47,280
i guess i could have done one for full

1306
00:51:51,829 --> 00:51:49,040
moon and um

1307
00:51:53,750 --> 00:51:51,839
hospitals or something like that i might

1308
00:51:54,170 --> 00:51:53,760
have found some interesting results as

1309
00:51:56,950 --> 00:51:54,180
well

1310
00:51:59,270 --> 00:51:56,960
[Music]

1311
00:51:59,990 --> 00:51:59,280
by and large all in all i think it's

1312
00:52:03,990 --> 00:52:00,000
more or less

1313
00:52:05,670 --> 00:52:04,000

recognized that the full moon doesn't

1314

00:52:07,589 --> 00:52:05,680

have these sort of effects on humans

1315

00:52:09,829 --> 00:52:07,599

that are claimed

1316

00:52:11,190 --> 00:52:09,839

although like many myths it is fun to

1317

00:52:15,190 --> 00:52:11,200

research

1318

00:52:18,069 --> 00:52:15,200

articles and

1319

00:52:20,069 --> 00:52:18,079

newspapers and clippings and so on if

1320

00:52:20,790 --> 00:52:20,079

you're in australia or anywhere in the

1321

00:52:24,069 --> 00:52:20,800

world

1322

00:52:27,430 --> 00:52:24,079

you can go to trove at t-r-o-t-e

1323

00:52:30,870 --> 00:52:27,440

trove dot n-l-a dot gov

1324

00:52:31,430 --> 00:52:30,880

dot a-u but why not go online and check

1325

00:52:33,670 --> 00:52:31,440

out what

1326

00:52:34,710 --> 00:52:33,680

your country is doing by way of

1327

00:52:57,670 --> 00:52:34,720

archiving

1328

00:53:01,270 --> 00:52:59,430

thank you for listening to the skeptic

1329

00:53:03,190 --> 00:53:01,280

zone richard saunders here with you back

1330

00:53:05,589 --> 00:53:03,200

again in the studio

1331

00:53:07,109 --> 00:53:05,599

and what a fantastic time it was to be

1332

00:53:09,270 --> 00:53:07,119

out and about

1333

00:53:11,109 --> 00:53:09,280

meeting people at skeptics in the pub

1334

00:53:12,549 --> 00:53:11,119

really happy that's back again

1335

00:53:14,150 --> 00:53:12,559

and really feeling for the people in

1336

00:53:17,030 --> 00:53:14,160

victoria in melbourne

1337

00:53:18,390 --> 00:53:17,040

who are still suffering from the

1338

00:53:22,390 --> 00:53:18,400

lockdown

1339

00:53:25,510 --> 00:53:22,400

people in melbourne

1340

00:53:28,470 --> 00:53:25,520

it's uh it's a pain to be sure

1341

00:53:29,750 --> 00:53:28,480

it's not good but i think they've had

1342

00:53:32,390 --> 00:53:29,760

plenty of practice and

1343

00:53:34,069 --> 00:53:32,400

i think they're very adaptable and i'm

1344

00:53:35,510 --> 00:53:34,079

sure the people in melbourne are just

1345

00:53:37,430 --> 00:53:35,520

getting on with it they know what they

1346

00:53:38,549 --> 00:53:37,440

have to do they know what they have to

1347

00:53:40,150 --> 00:53:38,559

do i've got many good friends in

1348

00:53:43,670 --> 00:53:40,160

melbourne who i miss

1349

00:53:46,069 --> 00:53:43,680

very much and i

1350

00:53:47,430 --> 00:53:46,079

pay tribute to their resilience i think

1351

00:53:49,510 --> 00:53:47,440

they've been going in and out of

1352

00:53:50,230 --> 00:53:49,520

lockdown more than anywhere else in the

1353

00:53:52,950 --> 00:53:50,240

country

1354

00:53:55,510 --> 00:53:52,960

but it is a pity to see those protesters

1355

00:53:58,549 --> 00:53:55,520

fronting up at vaccination centers to

1356

00:54:01,910 --> 00:53:58,559

rail and rant and carry on

1357

00:54:03,589 --> 00:54:01,920

they make the news they yell freedom and

1358

00:54:05,829 --> 00:54:03,599

all these

1359

00:54:08,069 --> 00:54:05,839

sovereign citizen arguments and

1360

00:54:09,670 --> 00:54:08,079

conspiratorial thinking as i said and

1361

00:54:11,190 --> 00:54:09,680

the government are full of microchips

1362

00:54:11,910 --> 00:54:11,200

and blah blah blah you've heard it all

1363

00:54:13,430 --> 00:54:11,920

before

1364

00:54:15,349 --> 00:54:13,440

but it's good to see people in melbourne

1365

00:54:16,390 --> 00:54:15,359

are treating these people with the

1366

00:54:18,790 --> 00:54:16,400

contempt

1367

00:54:20,390 --> 00:54:18,800

they deserve and still fronting up to

1368

00:54:22,230 --> 00:54:20,400

get their vaccinations

1369

00:54:24,790 --> 00:54:22,240

coming up on next week's show more book

1370

00:54:26,470 --> 00:54:24,800

of tim with tim mendes more from the

1371

00:54:29,829 --> 00:54:26,480

trove archives

1372

00:54:31,510 --> 00:54:29,839

i just have to look and see what to do

1373

00:54:33,430 --> 00:54:31,520

see what to research in those trove

1374

00:54:33,990 --> 00:54:33,440

archives thank you to those people

1375

00:54:36,870 --> 00:54:34,000

who've

1376

00:54:38,470 --> 00:54:36,880

commented to me at the pub actually

1377

00:54:39,349 --> 00:54:38,480

skeptics in the pub how much they enjoy

1378

00:54:42,549 --> 00:54:39,359

the trove

1379

00:54:45,829 --> 00:54:42,559

segment uh historical

1380

00:54:47,510 --> 00:54:45,839

items and news reports about matters of

1381

00:54:48,950 --> 00:54:47,520

interest to skeptics

1382

00:54:50,549 --> 00:54:48,960

and thank you to those people who

1383

00:54:52,789 --> 00:54:50,559

contribute to the skeptic zone via

1384

00:54:56,150 --> 00:54:52,799

patreon or paypal

1385

00:54:57,910 --> 00:54:56,160

at skepticzone.tv it means the show

1386

00:55:00,470 --> 00:54:57,920

keeps going and all you people out there

1387

00:55:03,670 --> 00:55:00,480

listening to the show

1388

00:55:05,430 --> 00:55:03,680

regardless i'm very pleased to do that

1389

00:55:06,950 --> 00:55:05,440

but you can thank those people who

1390

00:55:09,030 --> 00:55:06,960

contribute even if it's

1391

00:55:10,789 --> 00:55:09,040

a dollar a week or two dollars a week or

1392

00:55:13,589 --> 00:55:10,799

something like that to the show

1393

00:55:14,390 --> 00:55:13,599

it means you get to listen to it but for

1394

00:55:16,549 --> 00:55:14,400

this week

1395

00:55:22,309 --> 00:55:16,559

this is richard saunders signing off

1396

00:55:25,510 --> 00:55:24,069

you've been listening to the skeptic

1397

00:55:28,750 --> 00:55:25,520

zone podcast

1398

00:55:30,069 --> 00:55:28,760

please visit our website at

1399

00:55:33,190 --> 00:55:30,079

www.skepticzone.tv

1400

00:55:35,190 --> 00:55:33,200

for show notes contacts and to access

1401

00:55:38,710 --> 00:55:35,200

the back catalog of episodes

1402

00:55:40,789 --> 00:55:38,720

going back to 2008 you can follow the

1403

00:55:44,230 --> 00:55:40,799

skeptic zone podcast on twitter

1404

00:55:47,750 --> 00:55:44,240

at skepticzone visit our facebook page

1405

00:55:49,190 --> 00:55:47,760

or leave a review on itunes you can also

1406

00:55:52,390 --> 00:55:49,200

support the skeptic zone

1407

00:55:53,109 --> 00:55:52,400

via patreon or paypal the skeptic zone

1408

00:55:56,069 --> 00:55:53,119

podcast

1409

00:55:57,829 --> 00:55:56,079

is an independent production the views

1410

00:55:58,230 --> 00:55:57,839

and opinions expressed on the skeptic

1411

00:56:00,230 --> 00:55:58,240

zone

1412

00:56:02,150 --> 00:56:00,240

are not necessarily those of australian