

Episode **572**

THE
**SKEPTIC
ZONE**
PODCAST

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29 September 2019

The Skeptic Zone Podcast



Ben Radford

Episode **572** - 29 Sept 2019

Area 51
Flop of the decade
With Ben Radford

Horse Chiropractor?
With Heidi Robertson

The Wallaby Award

Did We Say That?
Creationists change their mind

The Skeptic Zone Podcast



Heidi Robertson

Episode **572** - 29 Sept 2019

1
00:00:11,860 --> 00:00:09,110
welcome to the skeptic zone the podcast

2
00:00:13,940 --> 00:00:11,870
from Australia for science and reason

3
00:00:16,900 --> 00:00:13,950
[Music]

4
00:00:22,000 --> 00:00:16,910
[Applause]

5
00:00:25,100 --> 00:00:22,010
[Music]

6
00:00:28,970 --> 00:00:25,110
yes it's the skeptic zone podcast

7
00:00:31,520 --> 00:00:28,980
episode number 572 for the 29th of

8
00:00:35,450 --> 00:00:31,530
September 2019 Richard Saunders here

9
00:00:39,080 --> 00:00:35,460
with you from Sydney Australia coming up

10
00:00:43,610 --> 00:00:39,090
on this week's show no aliens were set

11
00:00:46,130 --> 00:00:43,620
free at area 51 what a shock you may

12
00:00:50,560 --> 00:00:46,140
have heard that people did gather at

13
00:00:55,940 --> 00:00:50,570

area 51 and the surrounding locations

14

00:00:58,280 --> 00:00:55,950

for this storm area 51 event which sort

15

00:01:00,380 --> 00:00:58,290

of sort of sort of happened a bit a

16

00:01:03,920 --> 00:01:00,390

little bit around the fringes there sort

17

00:01:05,630 --> 00:01:03,930

of didn't see any released aliens but

18

00:01:11,420 --> 00:01:05,640

never mind we're going to chat to Ben

19

00:01:14,690 --> 00:01:11,430

Radford about the fast Fiasco flop that

20

00:01:17,180 --> 00:01:14,700

was storm area 51 coming up at the top

21

00:01:19,480 --> 00:01:17,190

of the show as poor aliens we'll just

22

00:01:21,920 --> 00:01:19,490

have to wait for another another time

23

00:01:24,080 --> 00:01:21,930

after that we talked about the Wallaby

24

00:01:25,880 --> 00:01:24,090

award now coming up this year at the

25

00:01:29,749 --> 00:01:25,890

Australian skeptics National Convention

26
00:01:32,059 --> 00:01:29,759
and I hope to see you there will be the

27
00:01:34,130 --> 00:01:32,069
awarding of the Wallaby award or the

28
00:01:36,499 --> 00:01:34,140
Barry Williams award for skeptical

29
00:01:38,840 --> 00:01:36,509
journalism there is a cash prize

30
00:01:41,600 --> 00:01:38,850
attached to this award if you are a

31
00:01:44,120 --> 00:01:41,610
journalist or you know a journalist in

32
00:01:47,719 --> 00:01:44,130
Australia you may be very interested in

33
00:01:50,630 --> 00:01:47,729
this award and keep listening to find

34
00:01:53,090 --> 00:01:50,640
out how to apply after that we have the

35
00:01:55,999 --> 00:01:53,100
raw skeptic Heidi Robinson talking about

36
00:01:57,859 --> 00:01:56,009
a horse chiropractor and not only that

37
00:02:02,990 --> 00:01:57,869
it's a double whammy it's a chiropractor

38
00:02:05,120 --> 00:02:03,000

who uses homeopathy on horses it boggles

39

00:02:07,669 --> 00:02:05,130

the mind folks it boggles the mind find

40

00:02:09,440 --> 00:02:07,679

out more with Heidi Robinson then to

41

00:02:11,600 --> 00:02:09,450

round off the show we have from the

42

00:02:14,330 --> 00:02:11,610

pages of the skeptic the journal from

43

00:02:16,250 --> 00:02:14,340

Australian skeptics not to be confused

44

00:02:19,070 --> 00:02:16,260

with any other magazine around the world

45

00:02:23,180 --> 00:02:19,080

will word skeptic in it an article

46

00:02:26,589 --> 00:02:23,190

called did we say that creationists

47

00:02:30,350 --> 00:02:26,599

farewell some old friends that

48

00:02:33,350 --> 00:02:30,360

particularly interesting report article

49

00:02:36,350 --> 00:02:33,360

about the way that creationists

50

00:02:39,470 --> 00:02:36,360

have quietly let go of some of their

51
00:02:41,840 --> 00:02:39,480
strongest arguments which weren't that

52
00:02:44,810 --> 00:02:41,850
strong in the first place I guess now if

53
00:02:46,790 --> 00:02:44,820
you're in Sydney on October 3rd a the

54
00:02:49,970 --> 00:02:46,800
3rd of October coming up very soon

55
00:02:53,680 --> 00:02:49,980
come to skeptics in the pub Australian

56
00:02:56,360 --> 00:02:53,690
skeptics skeptics in the pub at the

57
00:02:59,510 --> 00:02:56,370
Occidental hotel which is in York Street

58
00:03:02,449 --> 00:02:59,520
Sydney just near whinnied train station

59
00:03:06,350 --> 00:03:02,459
and the presentation will be by none

60
00:03:08,600 --> 00:03:06,360
other than Trish Hann who does the Trish

61
00:03:11,600 --> 00:03:08,610
and chip segment on the sceptic zone

62
00:03:15,260 --> 00:03:11,610
from time to time and her talk is time

63
00:03:16,070 --> 00:03:15,270

equals brain a new dawn in stroke

64

00:03:18,650 --> 00:03:16,080

treatment

65

00:03:20,570 --> 00:03:18,660

Trish Hann committee member of the

66

00:03:22,880 --> 00:03:20,580

Australian skeptics Inc will talk about

67

00:03:25,430 --> 00:03:22,890

the latest methods and discoveries in

68

00:03:27,740 --> 00:03:25,440

the treatment of strokes Trish is a

69

00:03:30,050 --> 00:03:27,750

radiographer at the Royal Prince Alfred

70

00:03:32,870 --> 00:03:30,060

Hospital and is currently involved in

71

00:03:35,199 --> 00:03:32,880

clinical trials in this area and of

72

00:03:37,850 --> 00:03:35,209

course Sydney skeptics in the pub is

73

00:03:40,190 --> 00:03:37,860

normally the first Thursday of the month

74

00:03:42,800 --> 00:03:40,200

from 6:00 p.m. at the Occidental hotel

75

00:03:45,979 --> 00:03:42,810

and if you can make it along that would

76

00:03:48,080 --> 00:03:45,989

be great come up and say hello more

77

00:03:50,870 --> 00:03:48,090

information look for the link in this

78

00:03:52,310 --> 00:03:50,880

week's show notes now October the 1st

79

00:03:55,370 --> 00:03:52,320

Tuesday October the 1st

80

00:03:57,680 --> 00:03:55,380

Maynard's movie night flying high and

81

00:04:00,500 --> 00:03:57,690

this will be at the red bar which is

82

00:04:04,130 --> 00:04:00,510

upstairs at 36 Lee Point Road in glebe

83

00:04:05,949 --> 00:04:04,140

from 7 p.m. and that's not far from the

84

00:04:09,199 --> 00:04:05,959

Broadway for those people in Sydney

85

00:04:13,390 --> 00:04:09,209

tickets are only \$10 link in this week's

86

00:04:19,400 --> 00:04:13,400

show notes or just go to [tinyurl.com /](http://tinyurl.com/)

87

00:04:21,770 --> 00:04:19,410

fh maynard flying high with me nod hope

88

00:04:23,540 --> 00:04:21,780

to see you there well that's all from me

89

00:04:24,320 --> 00:04:23,550

at the moment it's time for me to run

90

00:04:34,180 --> 00:04:24,330

downstairs

91

00:04:38,690 --> 00:04:34,190

why not have a traditional breakfast of

92

00:04:41,540 --> 00:04:38,700

Vegemite toast why not followed by

93

00:04:43,850 --> 00:04:41,550

coffee or maybe some coffee first well I

94

00:04:44,150 --> 00:04:43,860

do that I hope you enjoy the skeptic

95

00:04:52,940 --> 00:04:44,160

zone

96

00:05:08,410 --> 00:04:52,950

[Music]

97

00:05:08,420 --> 00:05:12,280

[Applause]

98

00:05:17,210 --> 00:05:15,040

joining me now all the way from

99

00:05:17,780 --> 00:05:17,220

beautiful and I mean this folks cuz I've

100

00:05:20,000 --> 00:05:17,790

been there

101
00:05:21,590 --> 00:05:20,010
Albuquerque New Mexico it's my old

102
00:05:24,200 --> 00:05:21,600
friend Ben Radford hello Ben

103
00:05:26,600 --> 00:05:24,210
hello there Richard hello now I don't

104
00:05:29,570 --> 00:05:26,610
think I don't think you made the effort

105
00:05:31,250 --> 00:05:29,580
to go to area 51 but some people did can

106
00:05:34,880 --> 00:05:31,260
you give our listeners a quick update on

107
00:05:37,640 --> 00:05:34,890
that bizarre situation with the B Fiasco

108
00:05:40,760 --> 00:05:37,650
yes I know wherever you speak I have

109
00:05:43,160 --> 00:05:40,770
been to area 51 it was several years ago

110
00:05:46,690 --> 00:05:43,170
and I certainly didn't didn't do it for

111
00:05:50,180 --> 00:05:46,700
part of the recent storm area 51

112
00:05:52,580 --> 00:05:50,190
movement which because I'm sensible nor

113
00:05:56,870 --> 00:05:52,590

did I show up for the the the later

114

00:06:01,040 --> 00:05:56,880

alien stock which became a fiasco but

115

00:06:03,770 --> 00:06:01,050

yes so as just to just to just to remind

116

00:06:07,610 --> 00:06:03,780

people what happened so there was a June

117

00:06:12,200 --> 00:06:07,620

27th Facebook basically joke titled

118

00:06:16,310 --> 00:06:12,210

storm area 51 so this this this guy on

119

00:06:19,040 --> 00:06:16,320

Facebook I decided that he wanted to you

120

00:06:21,530 --> 00:06:19,050

know hey they can't stop all of us let's

121

00:06:24,260 --> 00:06:21,540

all run towards area 51 the the military

122

00:06:28,130 --> 00:06:24,270

base and see what happens this was of

123

00:06:29,420 --> 00:06:28,140

course a bad idea and soon he admitted

124

00:06:29,810 --> 00:06:29,430

no it was all a joke I didn't really

125

00:06:32,690 --> 00:06:29,820

mean it

126

00:06:36,440 --> 00:06:32,700

the military was not not impressed by

127

00:06:39,380 --> 00:06:36,450

this idea so then it sort of became

128

00:06:40,880 --> 00:06:39,390

transformed into so a few weeks after

129

00:06:42,380 --> 00:06:40,890

that someone said okay well we already

130

00:06:44,090 --> 00:06:42,390

have all this interest in it people

131

00:06:48,020 --> 00:06:44,100

already talking about the area 51 thing

132

00:06:51,530 --> 00:06:48,030

let's have a festival let's have a lien

133

00:06:53,450 --> 00:06:51,540

stock so that was supposed to happen in

134

00:06:56,570 --> 00:06:53,460

the small town of Rachel and by a small

135

00:06:58,460 --> 00:06:56,580

town I mean tiny town with the

136

00:06:59,630 --> 00:06:58,470

population of like under a hundred or so

137

00:07:02,480 --> 00:06:59,640

Wow

138

00:07:04,350 --> 00:07:02,490

yeah a small little place there this

139

00:07:06,929 --> 00:07:04,360

fiasco this disaster

140

00:07:08,640 --> 00:07:06,939

waiting to happen so the thought was

141

00:07:10,860 --> 00:07:08,650

well can we have all this interest in it

142

00:07:14,279 --> 00:07:10,870

why don't we you know we're gonna have a

143

00:07:16,649 --> 00:07:14,289

band and we're gonna have music and

144

00:07:18,110 --> 00:07:16,659

there'll be art and this this hole is

145

00:07:21,600 --> 00:07:18,120

supposed to be this whole production

146

00:07:24,499 --> 00:07:21,610

meanwhile the town of Rachel and its

147

00:07:27,330 --> 00:07:24,509

inhabitants were very worried about this

148

00:07:31,740 --> 00:07:27,340

because there's no infrastructure out

149

00:07:34,290 --> 00:07:31,750

there at all there's one small one small

150

00:07:36,330 --> 00:07:34,300

place a little restaurant places as I

151

00:07:38,640 --> 00:07:36,340

think ten rooms a bit of an inn there

152

00:07:40,740 --> 00:07:38,650

but basically there's there's nothing

153

00:07:43,950 --> 00:07:40,750

out there there's nothing there's no way

154

00:07:49,459 --> 00:07:43,960

to feed or clothe their house that many

155

00:07:51,029 --> 00:07:49,469

people so that that also imploded quite

156

00:07:53,850 --> 00:07:51,039

spectacularly actually apparently

157

00:07:56,909 --> 00:07:53,860

allegedly their lawsuits come forth

158

00:07:59,809 --> 00:07:56,919

doing oh no the the the people of the

159

00:08:02,369 --> 00:07:59,819

town of Rachel and the the initial

160

00:08:05,519 --> 00:08:02,379

initial people who were selling tickets

161

00:08:07,679 --> 00:08:05,529

for food trucks and things like that so

162

00:08:10,619 --> 00:08:07,689

that all didn't happen and then sort of

163

00:08:13,740 --> 00:08:10,629

this is sort of the the Plan C or D is

164

00:08:16,170 --> 00:08:13,750

this point they eventually moved a part

165

00:08:18,079 --> 00:08:16,180

of it to Las Vegas where there's lots of

166

00:08:20,040 --> 00:08:18,089

infrastructure in Vegas there's uh

167

00:08:25,350 --> 00:08:20,050

showgirls there's magicians

168

00:08:28,140 --> 00:08:25,360

there's hotels food shelter things like

169

00:08:32,219 --> 00:08:28,150

that and apparently there was a a much

170

00:08:35,370 --> 00:08:32,229

much smaller festival there this past

171

00:08:36,839 --> 00:08:35,380

week so I think I think it drew maybe a

172

00:08:39,360 --> 00:08:36,849

couple thousand people but it was

173

00:08:41,430 --> 00:08:39,370

nothing like what was originally planned

174

00:08:43,019 --> 00:08:41,440

well I'm just having a quick look now

175

00:08:46,050 --> 00:08:43,029

because there are photographs online

176

00:08:48,480 --> 00:08:46,060

folks of the alien stock and there's a

177

00:08:50,550 --> 00:08:48,490

little stage a couple of people dancing

178

00:08:52,230 --> 00:08:50,560

I look at some other photographs some

179

00:08:55,829 --> 00:08:52,240

people actually went to the trouble to

180

00:08:58,949 --> 00:08:55,839

dress up as well aliens or in spacesuits

181

00:09:00,720 --> 00:08:58,959

or something like that I guess and

182

00:09:03,630 --> 00:09:00,730

somebody said they went along just to

183

00:09:06,030 --> 00:09:03,640

take the selfies sure and you know and

184

00:09:08,400 --> 00:09:06,040

you know on some level why wouldn't you

185

00:09:10,650 --> 00:09:08,410

right I mean people love aliens they

186

00:09:12,750 --> 00:09:10,660

love UFOs you know the the Roswell

187

00:09:15,480 --> 00:09:12,760

festival held here in New Mexico and

188

00:09:17,819 --> 00:09:15,490

Roswell every year is a testament to

189

00:09:18,240 --> 00:09:17,829

that so people love to dress up they

190

00:09:19,770 --> 00:09:18,250

love to

191

00:09:21,840 --> 00:09:19,780

do something fun and you know put on

192

00:09:24,180 --> 00:09:21,850

alien stuff so of course they're gonna

193

00:09:26,730 --> 00:09:24,190

pull this stuff out of their closets or

194

00:09:28,710 --> 00:09:26,740

it's possible the course some people you

195

00:09:32,160 --> 00:09:28,720

know just like that every day yeah

196

00:09:34,050 --> 00:09:32,170

possibly possibly so but that's so that

197

00:09:36,030 --> 00:09:34,060

was the the I of people having a bit of

198

00:09:38,310 --> 00:09:36,040

fun you know a dance with aliens and

199

00:09:39,900 --> 00:09:38,320

whatever I mean why not sounds like fun

200

00:09:42,720 --> 00:09:39,910

indeed but this whole idea about

201
00:09:45,420 --> 00:09:42,730
storming area51 I think that was even a

202
00:09:46,950 --> 00:09:45,430
bigger flop wasn't it yes

203
00:09:50,130 --> 00:09:46,960
you know because keep in mind that area

204
00:09:52,260 --> 00:09:50,140
51 it's it is a it's a military base and

205
00:09:54,950 --> 00:09:52,270
it's it's a military installation and

206
00:09:59,070 --> 00:09:54,960
they do various things there including

207
00:10:01,410 --> 00:09:59,080
testing an aircraft and and and things

208
00:10:05,820 --> 00:10:01,420
like that in some cases maybe munitions

209
00:10:07,890 --> 00:10:05,830
um and it is a restricted place whether

210
00:10:10,650 --> 00:10:07,900
whether whether or not they have alien

211
00:10:14,550 --> 00:10:10,660
bodies and crash saucer is an entirely

212
00:10:16,440 --> 00:10:14,560
different question but but yeah so the

213
00:10:18,330 --> 00:10:16,450

the military of course had to take some

214

00:10:20,400 --> 00:10:18,340

of the seriously I mean the the military

215

00:10:22,740 --> 00:10:20,410

and the Pentagon you know they do have

216

00:10:24,270 --> 00:10:22,750

people that read social media hopefully

217

00:10:26,579 --> 00:10:24,280

they're they're not just you know

218

00:10:28,470 --> 00:10:26,589

building building a military

219

00:10:29,910 --> 00:10:28,480

infrastructure they have people that are

220

00:10:33,120 --> 00:10:29,920

paying attention to this and it came to

221

00:10:37,470 --> 00:10:33,130

their attention that you know this guy's

222

00:10:39,810 --> 00:10:37,480

has this strongly or 51 thing and the

223

00:10:42,810 --> 00:10:39,820

military and the base there needed to be

224

00:10:45,600 --> 00:10:42,820

aware of that and so they they issued a

225

00:10:50,730 --> 00:10:45,610

statement that was I would say polite

226
00:10:54,329 --> 00:10:50,740
but from yeah saying do not storm area

227
00:10:57,780 --> 00:10:54,339
51 Lethal lethal for that lethal force

228
00:10:59,940 --> 00:10:57,790
is authorized and same thing with any

229
00:11:02,400 --> 00:10:59,950
military base so and I guarantee you

230
00:11:05,579 --> 00:11:02,410
that if you if you try to store a

231
00:11:09,660 --> 00:11:05,589
military base in say Russia or France

232
00:11:13,110 --> 00:11:09,670
well yes or or England that won't go

233
00:11:15,360 --> 00:11:13,120
well either not generally speaking not a

234
00:11:18,030 --> 00:11:15,370
very good idea but I also noticed from

235
00:11:20,100 --> 00:11:18,040
the headlines that not much happen but

236
00:11:22,260 --> 00:11:20,110
two people were arrested for doing silly

237
00:11:27,900 --> 00:11:22,270
things yes apparently there were a

238
00:11:30,710 --> 00:11:27,910

couple alcohol-fueled arrests which is

239

00:11:32,790 --> 00:11:30,720

sort of a slow day around here

240

00:11:36,030 --> 00:11:32,800

Rachel but I mean that's that's the

241

00:11:39,389 --> 00:11:36,040

that's that's pretty low low low turnout

242

00:11:42,030 --> 00:11:39,399

and apparently I heard that some some

243

00:11:44,550 --> 00:11:42,040

sex workers up in that part of Nevada

244

00:11:47,639 --> 00:11:44,560

where prostitution is legal uh-huh they

245

00:11:51,150 --> 00:11:47,649

were apparently hoping for a dramatic

246

00:11:53,250 --> 00:11:51,160

increase in clients though that sadly

247

00:11:57,139 --> 00:11:53,260

for them did not materialize this story

248

00:11:59,430 --> 00:11:57,149

just gets stranger and stranger baby oh

249

00:12:02,130 --> 00:11:59,440

well look there we are folks there's a

250

00:12:04,199 --> 00:12:02,140

quick wrap up from bed radford the idea

251

00:12:06,180 --> 00:12:04,209

is if you want to go to area 51 for a

252

00:12:08,730 --> 00:12:06,190

bit of fun wear a funny costume and

253

00:12:10,019 --> 00:12:08,740

dance with aliens why not I mean if he

254

00:12:12,540 --> 00:12:10,029

can get away with it take your own

255

00:12:14,670 --> 00:12:12,550

Caravan I would suggest but the idea of

256

00:12:17,220 --> 00:12:14,680

trying to storm the military base to

257

00:12:20,060 --> 00:12:17,230

look for probably non-existent aliens is

258

00:12:22,440 --> 00:12:20,070

not one of the best ideas ever conceived

259

00:12:24,449 --> 00:12:22,450

exactly exactly

260

00:12:27,360 --> 00:12:24,459

well better how can people catch up with

261

00:12:29,910 --> 00:12:27,370

what you're up to well people of course

262

00:12:32,400 --> 00:12:29,920

can find me on my podcast squaring the

263

00:12:34,650 --> 00:12:32,410

strange we recently celebrated our 100th

264

00:12:36,740 --> 00:12:34,660

one hundred and first actually episode

265

00:12:41,189 --> 00:12:36,750

so that's kind of a it's that's right

266

00:12:43,800 --> 00:12:41,199

yeah I'm around and about I recently on

267

00:12:46,290 --> 00:12:43,810

a show a TV show with Josh gates called

268

00:12:48,389 --> 00:12:46,300

Expedition unknown which crinel

269

00:12:50,670 --> 00:12:48,399

chronicled our our investigation in

270

00:12:53,699 --> 00:12:50,680

Puerto Rico into the chupacabra all

271

00:12:55,530 --> 00:12:53,709

right my favorite monster yeah great

272

00:12:57,480 --> 00:12:55,540

okay folks lots of opportunities I'll

273

00:13:00,150 --> 00:12:57,490

link to you been in this week's show

274

00:13:03,509 --> 00:13:00,160

notes but for now until the next time we

275

00:13:06,430 --> 00:13:03,519

contemplate storming area 51 Ben Radford

276

00:13:09,799 --> 00:13:06,440

thank you very much thanks

277

00:13:13,170 --> 00:13:09,809

[Applause]

278

00:13:15,299 --> 00:13:13,180

hey fellow skeptics in Medford here with

279

00:13:17,340 --> 00:13:15,309

Celeste reward your friendly host of

280

00:13:19,199 --> 00:13:17,350

starting the strange a podcast that

281

00:13:21,569 --> 00:13:19,209

looks at topics ranging from legends

282

00:13:23,819 --> 00:13:21,579

panics and cryptids debating myths

283

00:13:25,889 --> 00:13:23,829

psychology and folklore breaking things

284

00:13:27,960 --> 00:13:25,899

down and picking things apart as we

285

00:13:30,269 --> 00:13:27,970

skeptics do we bring a few different

286

00:13:32,730 --> 00:13:30,279

perspectives on things pleasure for

287

00:13:33,869 --> 00:13:32,740

example is a witty cartoonist and Ben is

288

00:13:36,090 --> 00:13:33,879

a brilliant writer and longtime

289

00:13:38,519 --> 00:13:36,100

skeptical investigator we don't always

290

00:13:40,769 --> 00:13:38,529

agree well we have fun trying and we

291

00:13:43,439 --> 00:13:40,779

learn new things join us for new topics

292

00:13:45,720 --> 00:13:43,449

every week or two or browse our backlog

293

00:13:48,299 --> 00:13:45,730

of evergreen episodes available on

294

00:13:50,759 --> 00:13:48,309

iTunes and all your podcast feeding

295

00:13:56,240 --> 00:13:50,769

troughs squaring the strange take care

296

00:13:56,250 --> 00:14:10,999

[Music]

297

00:14:15,779 --> 00:14:13,169

now here's an announcement from the

298

00:14:18,449 --> 00:14:15,789

Australian skeptics at skeptics common

299

00:14:23,489 --> 00:14:18,459

today you Australian skeptics calls for

300

00:14:25,319 --> 00:14:23,499

nominations for media prize by Tim

301

00:14:29,459 --> 00:14:25,329

Mendham published on the 26th of

302

00:14:31,979 --> 00:14:29,469

September Australian skeptics in tears

303

00:14:34,229 --> 00:14:31,989

once again offering an annual award for

304

00:14:36,779 --> 00:14:34,239

the best piece of skeptical journalism

305

00:14:39,209 --> 00:14:36,789

the Barry Williams award for skeptical

306

00:14:42,479 --> 00:14:39,219

journalism recognizes the best piece of

307

00:14:44,849 --> 00:14:42,489

journalism in any medium that takes a

308

00:14:48,059 --> 00:14:44,859

critical and skeptical approach to

309

00:14:50,759 --> 00:14:48,069

topics that fall within our remit which

310

00:14:53,909 --> 00:14:50,769

is the scientific investigation of

311

00:14:56,459 --> 00:14:53,919

pseudoscience and the paranormal it is

312

00:14:59,489 --> 00:14:56,469

awarded annually with a citation and a

313

00:15:02,819 --> 00:14:59,499

two thousand dollar prize the first

314

00:15:05,369 --> 00:15:02,829

award was given in 2018 to news limited

315

00:15:07,589 --> 00:15:05,379

journalist Jane Hansen for a series of

316

00:15:12,679 --> 00:15:07,599

pieces on the anti-vaccination movement

317

00:15:15,659 --> 00:15:12,689

and the no jab no paid slash play

318

00:15:17,939 --> 00:15:15,669

legislation a panel made up of

319

00:15:20,399 --> 00:15:17,949

experienced award-winning journalists

320

00:15:23,219 --> 00:15:20,409

across differing media has been put

321

00:15:26,129 --> 00:15:23,229

together to review entries the award is

322

00:15:28,109 --> 00:15:26,139

named for the late William past

323

00:15:30,419 --> 00:15:28,119

president and executive officer of

324

00:15:33,389 --> 00:15:30,429

Australian skeptics Inc who was a

325

00:15:36,389 --> 00:15:33,399

regular on the Australian media the

326

00:15:39,839 --> 00:15:36,399

award is nicknamed the wallaby in memory

327

00:15:41,939 --> 00:15:39,849

of Sir Jim our wallaby the regular ngon

328

00:15:44,239 --> 00:15:41,949

de plume Barry used for his more

329

00:15:47,489 --> 00:15:44,249

whimsical editorial pieces

330

00:15:50,369 --> 00:15:47,499

Tim Mendham executive officer of

331

00:15:53,999 --> 00:15:50,379

Australian skeptics Inc and the editor

332

00:15:56,129 --> 00:15:54,009

of the journal the skeptic said quote we

333

00:15:59,249 --> 00:15:56,139

are calling for nominations for the 2019

334

00:16:01,589 --> 00:15:59,259

wallaby from skeptics the public and the

335

00:16:04,289 --> 00:16:01,599

media journalists can nominate their own

336

00:16:07,529 --> 00:16:04,299

work it would normally be given for one

337

00:16:10,349 --> 00:16:07,539

piece or a series used in print TV radio

338

00:16:14,459 --> 00:16:10,359

or online produced in Australia and

339

00:16:16,710 --> 00:16:14,469

quote the item or items nominated should

340

00:16:20,759 --> 00:16:16,720

have been published between November

341

00:16:22,199 --> 00:16:20,769

2018 and October 2019 inclusive

342

00:16:24,710 --> 00:16:22,209

nominations should be

343

00:16:29,579 --> 00:16:24,720

sent to the editor of the skeptic at

344

00:16:32,100 --> 00:16:29,589

editor at skeptics comdata you or send

345

00:16:36,919 --> 00:16:32,110

hard copies to Australian skeptics Pio

346

00:16:40,290 --> 00:16:36,929

box 20 Beecroft New South Wales 2 1 1 9

347

00:16:42,710 --> 00:16:40,300

deadline is November the 1st 2019

348

00:16:46,439 --> 00:16:42,720

Tim Mendham said that the key issue

349

00:16:49,369 --> 00:16:46,449

would be the nature of a sceptical piece

350

00:16:52,949 --> 00:16:49,379

of journalism quote should it take a

351

00:16:55,499 --> 00:16:52,959

debunking stance or more general

352

00:16:57,840 --> 00:16:55,509

critical thinking approach personally I

353

00:17:00,359 --> 00:16:57,850

would prefer the second the piece takes

354

00:17:03,389 --> 00:17:00,369

a critical investigative approach on the

355

00:17:05,519 --> 00:17:03,399

topic though I must admit I might have

356

00:17:11,340 --> 00:17:05,529

concerns if a piece came down in favor

357

00:17:13,110 --> 00:17:11,350

of the outer fringes of woo my view is

358

00:17:16,439 --> 00:17:13,120

that we should certainly not be

359

00:17:19,860 --> 00:17:16,449

rewarding a puff piece for either side

360

00:17:22,980 --> 00:17:19,870

of the argument serious journalism only

361

00:17:24,929 --> 00:17:22,990

need apply end quote the Wallaby will

362

00:17:27,720 --> 00:17:24,939

complement the skeptics other Awards

363

00:17:29,700 --> 00:17:27,730

which include the bench spoon which goes

364

00:17:31,740 --> 00:17:29,710

to the perpetrator of the most

365

00:17:34,680 --> 00:17:31,750

preposterous piece of paranormal piffle

366

00:17:37,320 --> 00:17:34,690

as well as the more positive skeptic of

367

00:17:39,630 --> 00:17:37,330

the year and the thorny reward for the

368

00:17:41,490 --> 00:17:39,640

promotion of Reason the latter goes to a

369

00:17:43,260 --> 00:17:41,500

member of the public who might not have

370

00:17:45,870 --> 00:17:43,270

anything to do with the skeptical

371

00:17:48,210 --> 00:17:45,880

movement both the wallaby and the Thor

372

00:17:50,940 --> 00:17:48,220

net Awards include a two thousand dollar

373

00:17:52,710 --> 00:17:50,950

prize the recipients of these awards are

374

00:17:56,220 --> 00:17:52,720

traditionally announced at the gala

375

00:17:59,070 --> 00:17:56,230

dinner at skeptic on the skeptics annual

376

00:18:03,890 --> 00:17:59,080

National Convention which this year will

377

00:18:09,360 --> 00:18:06,690

more details can be found by going to

378

00:18:11,740 --> 00:18:09,370

skeptics comm today you or following the

379

00:18:31,910 --> 00:18:11,750

link on this week's show notes

380

00:18:36,910 --> 00:18:33,270

[Music]

381

00:18:39,760 --> 00:18:36,920

olice masala Paola the delay Moses with

382

00:18:42,130 --> 00:18:39,770

other Buenos Aires in Argentina when the

383

00:18:44,230 --> 00:18:42,140

Kucha most podcasts Kucha mom I'm ok

384

00:18:46,840 --> 00:18:44,240

Kucha todo el mundo como the skeptics

385

00:18:49,540 --> 00:18:46,850

own ojala pueden madeira visit Ana's

386

00:18:52,150 --> 00:18:49,550

algun dia esperamos con nuestra rikishi

387

00:18:59,350 --> 00:18:52,160

Mikami de-localized yeah podemos hablar

388

00:19:01,540 --> 00:18:59,360

un tango mientras tanto sugandha Rotondo

389

00:19:01,990 --> 00:19:01,550

de su dosa same analogy NCI pensamiento

390

00:19:18,200 --> 00:19:02,000

racional

391

00:19:31,919 --> 00:19:22,169

it's the raw skeptic report with Heidi

392

00:19:34,169 --> 00:19:31,929

Robertson hello everyone Heidi Robertson

393

00:19:39,060 --> 00:19:34,179

from the Northern Rivers vaccination

394

00:19:42,539 --> 00:19:39,070

supporters this week a story hit the

395

00:19:46,669 --> 00:19:42,549

news online it was all over the internet

396

00:19:50,070 --> 00:19:46,679

in various different publications and I

397

00:19:52,529 --> 00:19:50,080

I got nothing I'm just going to read it

398

00:19:58,099 --> 00:19:52,539

out and you can see for yourself

399

00:20:02,849 --> 00:19:58,109

here we go September the 19th 2019

400

00:20:05,909 --> 00:20:02,859

Queensland HeLa sold water as Hendra

401
00:20:10,909 --> 00:20:05,919
vaccine in the Canberra Times calmed a

402
00:20:13,499 --> 00:20:10,919
you by Warren Barnsley a Queensland

403
00:20:16,680 --> 00:20:13,509
chiropractor turned alternative healer

404
00:20:18,570 --> 00:20:16,690
sold bottled water as a vaccine for the

405
00:20:22,169 --> 00:20:18,580
deadly Hendra virus

406
00:20:24,749 --> 00:20:22,179
Peter Lindsay as Dale also claimed the

407
00:20:27,299 --> 00:20:24,759
water could treat chickenpox and German

408
00:20:29,599 --> 00:20:27,309
measles while another product he

409
00:20:32,489 --> 00:20:29,609
promoted could relieve snakebites

410
00:20:36,419 --> 00:20:32,499
herbicide and pesticide poisoning and

411
00:20:39,210 --> 00:20:36,429
paralysis ticks as Dale who worked as an

412
00:20:43,019 --> 00:20:39,220
equine chiropractor in Warwick east of

413
00:20:47,580 --> 00:20:43,029

Brisbane relabeled the water by hand and

414

00:20:52,619 --> 00:20:47,590

sold it for \$35 a bottle to a buyer in

415

00:20:55,440 --> 00:20:52,629

January 2013 a number he wrote on the

416

00:20:59,669 --> 00:20:55,450

bottle was said to be a potency rating

417

00:21:02,759 --> 00:20:59,679

and just as an aside here I did read

418

00:21:05,940 --> 00:21:02,769

another article where he was quoted as

419

00:21:10,969 --> 00:21:05,950

saying that the mere act of him writing

420

00:21:14,099 --> 00:21:10,979

the potency rating which was 200 CE

421

00:21:18,570 --> 00:21:14,109

meant that the bottled water was

422

00:21:22,049 --> 00:21:18,580

automatically infused by these with

423

00:21:23,840 --> 00:21:22,059

these magical qualities so there you go

424

00:21:28,620 --> 00:21:23,850

just keep that in mind

425

00:21:30,539 --> 00:21:28,630

hmm and we go on he marketed it as safe

426
00:21:33,090 --> 00:21:30,549
and effective and better than the

427
00:21:37,110 --> 00:21:33,100
recommended Hendra virus vaccine because

428
00:21:38,789 --> 00:21:37,120
it was non-toxic quote doesn't matter

429
00:21:40,769 --> 00:21:38,799
whether you give it to a horse or

430
00:21:43,919 --> 00:21:40,779
yourself that should give you the

431
00:21:47,610 --> 00:21:43,929
protection you need and quote he said in

432
00:21:51,539 --> 00:21:47,620
a video on his equine energy website in

433
00:21:53,730 --> 00:21:51,549
mid 2015 as Dale came under the

434
00:21:56,639 --> 00:21:53,740
microscope of health authorities in late

435
00:21:58,919 --> 00:21:56,649
2015 after calling himself a

436
00:22:00,899 --> 00:21:58,929
chiropractor despite surrendering his

437
00:22:04,649 --> 00:22:00,909
registration to practice in the field

438
00:22:06,299 --> 00:22:04,659

several months earlier he later admitted

439

00:22:08,490 --> 00:22:06,309

that there was nothing in the product

440

00:22:11,610 --> 00:22:08,500

apart from water and it had not been

441

00:22:14,070 --> 00:22:11,620

clinically tested the only evidence he

442

00:22:15,149 --> 00:22:14,080

gave of his of its effectiveness was his

443

00:22:18,480 --> 00:22:15,159

own word

444

00:22:20,970 --> 00:22:18,490

in his defense he said claims the water

445

00:22:23,370 --> 00:22:20,980

was ineffective were unproven by any

446

00:22:27,029 --> 00:22:23,380

Authority with expertise in energy

447

00:22:29,730 --> 00:22:27,039

health care so quote I propose that the

448

00:22:32,820 --> 00:22:29,740

argument is totally invalid until we are

449

00:22:36,299 --> 00:22:32,830

able to demonstrate my claims and quote

450

00:22:38,639 --> 00:22:36,309

as Dale poses serious risk as a health

451

00:22:40,850 --> 00:22:38,649

practitioner because of his false claims

452

00:22:45,360 --> 00:22:40,860

the Queensland Civil and Administrative

453

00:22:47,220 --> 00:22:45,370

Tribunal ruled this week quote these

454

00:22:49,769 --> 00:22:47,230

claims put the public at risk from

455

00:22:52,680 --> 00:22:49,779

unvaccinated horses who may contract the

456

00:22:55,230 --> 00:22:52,690

virus upon their owners reliance on mr.

457

00:22:57,870 --> 00:22:55,240

s Dale's alternative product end quote

458

00:23:00,930 --> 00:22:57,880

judge Suzanne Sheridan said in her

459

00:23:04,680 --> 00:23:00,940

judgement s Dale has been prohibited

460

00:23:07,590 --> 00:23:04,690

from advertising promoting and supplying

461

00:23:11,990 --> 00:23:07,600

any remedy vaccine or treatment not

462

00:23:17,039 --> 00:23:12,000

endorsed by science-based medicine and

463

00:23:19,259 --> 00:23:17,049

that's the end of that article I don't

464

00:23:21,870 --> 00:23:19,269

know what you think but one of my first

465

00:23:24,330 --> 00:23:21,880

thoughts on reading it was well why

466

00:23:27,120 --> 00:23:24,340

can't we now go after the other

467

00:23:29,879 --> 00:23:27,130

homeopaths who are selling homeo

468

00:23:33,659 --> 00:23:29,889

prophylaxis to parents for their

469

00:23:36,539 --> 00:23:33,669

children to supposedly protect them

470

00:23:39,480 --> 00:23:36,549

against all of these infectious diseases

471

00:23:41,399 --> 00:23:39,490

this is quite a common practice in the

472

00:23:43,590 --> 00:23:41,409

region I live in northern New South

473

00:23:46,049 --> 00:23:43,600

Wales it happens under the counter we

474

00:23:47,370 --> 00:23:46,059

know that it happens it's not advertised

475

00:23:52,760 --> 00:23:47,380

because they're not allowed to advertise

476
00:23:54,690 --> 00:23:52,770
it but we do know that it happens and

477
00:23:58,080 --> 00:23:54,700
parents are therefore giving their

478
00:24:00,750 --> 00:23:58,090
children essentially a bottled water or

479
00:24:03,149 --> 00:24:00,760
sugar pills with no active ingredients -

480
00:24:06,090 --> 00:24:03,159
in the belief that it is protecting them

481
00:24:10,010 --> 00:24:06,100
against serious infectious disease

482
00:24:14,460 --> 00:24:10,020
now this Peter as Dale has just been

483
00:24:16,770 --> 00:24:14,470
found to be a risk to the public why

484
00:24:20,250 --> 00:24:16,780
can't we do the same with the homeopaths

485
00:24:23,430 --> 00:24:20,260
that are distributing homeo prophylaxis

486
00:24:25,440 --> 00:24:23,440
now I know the homeopaths will just come

487
00:24:28,980 --> 00:24:25,450
back and say well mine's not bottled

488
00:24:34,370 --> 00:24:28,990

water mine has been whatever banged

489

00:24:37,590 --> 00:24:34,380

against a Bible 200 times and diluted 50

490

00:24:40,440 --> 00:24:37,600

gazillion times and still retains the

491

00:24:44,850 --> 00:24:40,450

memory of the original ingredient and

492

00:24:46,710 --> 00:24:44,860

therefore works but I mean really if it

493

00:24:49,140 --> 00:24:46,720

were to be lab tested and found that

494

00:24:53,010 --> 00:24:49,150

there was no active ingredient in it how

495

00:24:54,539 --> 00:24:53,020

is that different to this case obviously

496

00:24:56,340 --> 00:24:54,549

I'm not a lawyer there might be

497

00:25:00,270 --> 00:24:56,350

something very obvious that I'm missing

498

00:25:01,980 --> 00:25:00,280

here but it was just interesting to me

499

00:25:04,740 --> 00:25:01,990

that was then that was one of the first

500

00:25:06,330 --> 00:25:04,750

things that popped into my head anyway

501
00:25:09,060 --> 00:25:06,340
that's all I've got for you this week

502
00:25:11,820 --> 00:25:09,070
it's probably more than enough thanks

503
00:25:14,100 --> 00:25:11,830
for listening and until next time this

504
00:25:16,560 --> 00:25:14,110
has been Heidi Robertson from the

505
00:25:19,799 --> 00:25:16,570
Northern Rivers vaccination supporters

506
00:25:21,480 --> 00:25:19,809
and as usual you can find us on Facebook

507
00:25:24,680 --> 00:25:21,490
at Northern Rivers vaccinations

508
00:25:29,430 --> 00:25:24,690
supporters give us a like there and

509
00:25:31,430 --> 00:25:29,440
we're also on Twitter in VAX that's Dax

510
00:25:48,020 --> 00:25:31,440
supporters on

511
00:25:50,760 --> 00:25:48,030
okay till next time bye-bye skeptic on

512
00:25:52,890 --> 00:25:50,770
2019 the Australian skeptics National

513
00:25:58,440 --> 00:25:52,900

Convention will be in Melbourne from the

514

00:26:00,720 --> 00:25:58,450

6th to the 8th of December we have an

515

00:26:03,750 --> 00:26:00,730

impressive speaker line-up including the

516

00:26:07,290 --> 00:26:03,760

skeptics guide to the universe dr. Steve

517

00:26:10,890 --> 00:26:07,300

novella Jay novella Cara Santa Maria Bob

518

00:26:12,980 --> 00:26:10,900

novella and Evan Bernstein also susan

519

00:26:15,990 --> 00:26:12,990

gerbic from guerrilla skepticism on

520

00:26:19,410 --> 00:26:16,000

wikipedia and many other international

521

00:26:22,980 --> 00:26:19,420

and local guests including Joe Thorley

522

00:26:26,990 --> 00:26:22,990

the host of zealot a podcast about cults

523

00:26:29,640 --> 00:26:27,000

and an author of a book by the same name

524

00:26:32,190 --> 00:26:29,650

skeptic God includes a trivia night on

525

00:26:36,420 --> 00:26:32,200

Thursday the 5th of December to test

526

00:26:38,490 --> 00:26:36,430

your skeptical knowledge for more

527

00:26:40,970 --> 00:26:38,500

information about the event the speakers

528

00:26:44,850 --> 00:26:40,980

and how to buy tickets visit skeptic

529

00:26:46,220 --> 00:26:44,860

on.org dot a you or follow the link in

530

00:26:59,310 --> 00:26:46,230

this week's show notes

531

00:27:10,130 --> 00:26:59,320

[Music]

532

00:27:11,840 --> 00:27:10,140

now it's time to dive once again into

533

00:27:13,460 --> 00:27:11,850

the pages of the skeptic the journal

534

00:27:16,910 --> 00:27:13,470

from Australian skeptics and cover a

535

00:27:20,090 --> 00:27:16,920

topic we hardly ever mention any more on

536

00:27:21,940 --> 00:27:20,100

the skeptic zone one of those golden

537

00:27:25,840 --> 00:27:21,950

oldies from the past it's still around

538

00:27:28,490 --> 00:27:25,850

still around but in Australia it's

539

00:27:30,549 --> 00:27:28,500

really been pushed to the background and

540

00:27:33,260 --> 00:27:30,559

certainly on the back burner of

541

00:27:36,350 --> 00:27:33,270

skepticism that is the topic of

542

00:27:38,289 --> 00:27:36,360

creationism and in the early days of

543

00:27:42,049 --> 00:27:38,299

Australian skeptics it was a huge

544

00:27:44,060 --> 00:27:42,059

concern and many skeptics fought long

545

00:27:46,480 --> 00:27:44,070

and hard to curb the influence that

546

00:27:54,280 --> 00:27:46,490

creationists had on the education system

547

00:28:00,890 --> 00:27:54,290

so we go back to volume 23 number 1 from

548

00:28:05,180 --> 00:28:00,900

2003 on page 11 the story the report did

549

00:28:08,600 --> 00:28:05,190

we say that creationists Farewell some

550

00:28:11,460 --> 00:28:08,610

old friends by Brian Baxter

551

00:28:15,340 --> 00:28:11,470

[Music]

552

00:28:17,920 --> 00:28:15,350

push Dogma masquerading a science and

553

00:28:23,710 --> 00:28:17,930

you run the risk of looking ridiculous

554

00:28:26,260 --> 00:28:23,720

a cautionary tale imagine for a moment

555

00:28:29,620 --> 00:28:26,270

that you were the possessor of an

556

00:28:31,990 --> 00:28:29,630

infallible science textbook imagine

557

00:28:34,090 --> 00:28:32,000

though that you could contact the

558

00:28:37,150 --> 00:28:34,100

infallible author of this textbook at

559

00:28:40,030 --> 00:28:37,160

any time and receive guidance as to the

560

00:28:42,100 --> 00:28:40,040

book's correct interpretation with the

561

00:28:44,590 --> 00:28:42,110

system like this in place you'd be

562

00:28:46,780 --> 00:28:44,600

pretty right wouldn't you I mean you

563

00:28:49,240 --> 00:28:46,790

wouldn't keep putting your foot in it

564

00:28:52,440 --> 00:28:49,250

blundering along all over the place and

565

00:28:55,690 --> 00:28:52,450

having to post long lists of your

566

00:29:00,030 --> 00:28:55,700

egregious errors on your internet site

567

00:29:02,290 --> 00:29:00,040

now would you answers in genesis AIG

568

00:29:05,590 --> 00:29:02,300

Australia's major creationist

569

00:29:08,440 --> 00:29:05,600

organization has such a textbook it's

570

00:29:12,400 --> 00:29:08,450

called the Bible and its omniscient and

571

00:29:16,210 --> 00:29:12,410

author is readily contactable through

572

00:29:19,690 --> 00:29:16,220

the medium of prayer now everyone knows

573

00:29:24,700 --> 00:29:19,700

that God wouldn't steer you wrong so why

574

00:29:27,430 --> 00:29:24,710

does AIG need a webpage like WWE Answers

575

00:29:34,600 --> 00:29:27,440

in Genesis org slash home slash area /

576

00:29:37,900 --> 00:29:34,610

FAQ / don't underst is Don ASP this page

577

00:29:41,250 --> 00:29:37,910

contains an ever-expanding list of

578

00:29:44,830 --> 00:29:41,260

creationist arguments which AIG feels of

579

00:29:47,470 --> 00:29:44,840

past they used by date these are divided

580

00:29:50,620 --> 00:29:47,480

into arguments which should definitely

581

00:29:55,540 --> 00:29:50,630

not be used twenty-six of these as of

582

00:29:59,920 --> 00:29:55,550

February 2003 and a further 10 arguments

583

00:30:02,830 --> 00:29:59,930

which are doubtful hence in advisable to

584

00:30:05,650 --> 00:30:02,840

use AIG you seem to think that its

585

00:30:08,740 --> 00:30:05,660

credentials as a respectable scientific

586

00:30:13,260 --> 00:30:08,750

research body are significantly improved

587

00:30:16,510 --> 00:30:13,270

by the admissions of past era after all

588

00:30:19,240 --> 00:30:16,520

evolutionists continually revise their

589

00:30:21,940 --> 00:30:19,250

theories because of new data so it

590

00:30:23,980 --> 00:30:21,950

should not be surprising or distressing

591

00:30:26,290 --> 00:30:23,990

that some creationist

592

00:30:29,919 --> 00:30:26,300

scientific theories need to be revised

593

00:30:32,140 --> 00:30:29,929

to barley Charlie there is no comparison

594

00:30:34,840 --> 00:30:32,150

between the constant refining of

595

00:30:38,049 --> 00:30:34,850

established scientific theories and AI

596

00:30:41,919 --> 00:30:38,059

G's devastating attack on its own past

597

00:30:45,640 --> 00:30:41,929

as will be seen science may be pruning

598

00:30:49,950 --> 00:30:45,650

the roses but AIG is taking a chainsaw

599

00:30:53,590 --> 00:30:49,960

to its whole garden with our list of ex

600

00:30:55,960 --> 00:30:53,600

arguments in hand let us revisit some

601
00:30:59,770 --> 00:30:55,970
creationist publications and conferences

602
00:31:05,950 --> 00:30:59,780
of earlier times and see if anything has

603
00:31:07,220 --> 00:31:05,960
been left standing the rise and fall of

604
00:31:09,720 --> 00:31:07,230
moon dust

605
00:31:14,110 --> 00:31:09,730
[Music]

606
00:31:19,480 --> 00:31:14,120
until 1997 AIG was known as the creation

607
00:31:23,799 --> 00:31:19,490
Science Foundation C SF and its flagship

608
00:31:27,370 --> 00:31:23,809
magazine was called X Nilo now entitled

609
00:31:31,120 --> 00:31:27,380
creation if we look through X Nilo of

610
00:31:34,060 --> 00:31:31,130
February 1984 and chop out the bits

611
00:31:36,759 --> 00:31:34,070
dependent on abandoned arguments this

612
00:31:40,060 --> 00:31:36,769
August journal looks like the puppies

613
00:31:42,580 --> 00:31:40,070

have been added out goes the Ordovician

614

00:31:45,490 --> 00:31:42,590

Hammer report including a photograph of

615

00:31:45,930 --> 00:31:45,500

the hammer found in 400 million year old

616

00:31:48,570 --> 00:31:45,940

rock

617

00:31:52,980 --> 00:31:48,580

according to AIG s current thinking

618

00:31:56,139 --> 00:31:52,990

items such as gold chains found in coal

619

00:31:59,830 --> 00:31:56,149

henceforth to be treated with reserve

620

00:32:02,619 --> 00:31:59,840

bordering on disdain moon dust also got

621

00:32:05,289 --> 00:32:02,629

a run in this issue although AIG was

622

00:32:08,499 --> 00:32:05,299

already beginning to back away from this

623

00:32:11,560 --> 00:32:08,509

argument its current position is that

624

00:32:14,980 --> 00:32:11,570

for a long time creationists claim that

625

00:32:17,499 --> 00:32:14,990

the dust layer on the moon was too thin

626
00:32:18,820 --> 00:32:17,509
if the dust had truly been falling on it

627
00:32:22,450 --> 00:32:18,830
for billions of years

628
00:32:25,810 --> 00:32:22,460
but early estimates of dust thickness

629
00:32:28,600 --> 00:32:25,820
who were wrong so the dust layer

630
00:32:30,210 --> 00:32:28,610
thickness can't be used as proof of a

631
00:32:32,120 --> 00:32:30,220
young moon

632
00:32:36,930 --> 00:32:32,130
[Music]

633
00:32:42,169 --> 00:32:40,229
all references to original scientific

634
00:32:44,849 --> 00:32:42,179
research in Paluxy River in Texas

635
00:32:48,450 --> 00:32:44,859
revealing human footprints in the same

636
00:32:51,659 --> 00:32:48,460
rock stratum with dinosaur tracks also

637
00:32:54,269 --> 00:32:51,669
have to go here though

638
00:32:56,879 --> 00:32:54,279

AIG wants to save something from the

639

00:32:59,549 --> 00:32:56,889

wreck some prominent creationist

640

00:33:02,249 --> 00:32:59,559

promoters of these tracks have long

641

00:33:04,769 --> 00:33:02,259

since withdrawn their support some of

642

00:33:07,700 --> 00:33:04,779

the allegedly human tracks may be

643

00:33:10,109 --> 00:33:07,710

artifacts of erosion of dinosaur tracks

644

00:33:12,509 --> 00:33:10,119

but they're not giving in without a

645

00:33:16,859 --> 00:33:12,519

fight however there is much evidence

646

00:33:20,669 --> 00:33:16,869

that dinosaurs and humans coexisted Arg

647

00:33:23,070 --> 00:33:20,679

now regards as officially doubtful the

648

00:33:26,549 --> 00:33:23,080

proposition that the speed of light has

649

00:33:29,239 --> 00:33:26,559

decreased over time see decay in that

650

00:33:32,249 --> 00:33:29,249

case they will also have to turf out

651
00:33:34,680 --> 00:33:32,259
Andrew Snelling 'he's blatant acceptance

652
00:33:37,409 --> 00:33:34,690
of bury set of fields work in this area

653
00:33:40,469 --> 00:33:37,419
that there is still a systematic pattern

654
00:33:43,139 --> 00:33:40,479
to the radiometric dates coinciding with

655
00:33:45,359 --> 00:33:43,149
the observed sequence of rock units that

656
00:33:48,899 --> 00:33:45,369
has been explained by a set of field as

657
00:33:52,440 --> 00:33:48,909
due to the decay in the speed of light

658
00:33:56,549 --> 00:33:52,450
and before we leave the february 1984

659
00:33:59,369 --> 00:33:56,559
issue does AIG still seriously maintain

660
00:34:03,330 --> 00:33:59,379
that Aboriginal Australians practice a

661
00:34:05,669 --> 00:34:03,340
large number of Jewish customs retaining

662
00:34:07,669 --> 00:34:05,679
traditions of creation Noah's Flood and

663
00:34:10,529 --> 00:34:07,679

the Tower of Babel

664

00:34:14,159 --> 00:34:10,539

perhaps this offensive argument is one

665

00:34:19,690 --> 00:34:14,169

more that they could add to their list

666

00:34:22,770 --> 00:34:19,700

collapse of canopy none of the other ex

667

00:34:25,990 --> 00:34:22,780

knee lows I looked at fared much better

668

00:34:28,869 --> 00:34:26,000

than the previous example the October

669

00:34:31,990 --> 00:34:28,879

1984 Edition featured recent dinosaur

670

00:34:35,109 --> 00:34:32,000

sightings in the Congo now presumably

671

00:34:37,680 --> 00:34:35,119

related to the Paluxy status Biloxi

672

00:34:41,020 --> 00:34:37,690

itself was pushed to the limit by CSF

673

00:34:44,050 --> 00:34:41,030

luminary Ken Ham research by

674

00:34:47,079 --> 00:34:44,060

creationists such as dr. John Marsh dr.

675

00:34:49,629 --> 00:34:47,089

Clifford Wilson and dr. Carl Bao has

676
00:34:53,220 --> 00:34:49,639
established that there are human

677
00:34:57,820 --> 00:34:53,230
footprints that cannot be carvings oh

678
00:35:02,530 --> 00:34:57,830
dear not only has Paluxy gone but so has

679
00:35:06,310 --> 00:35:02,540
Koba Al G's position on Bao is that he's

680
00:35:08,470 --> 00:35:06,320
well-meaning but he unfortunately uses a

681
00:35:11,109 --> 00:35:08,480
lot of material that is not sound

682
00:35:15,520 --> 00:35:11,119
scientifically so we advise against

683
00:35:20,380 --> 00:35:15,530
relying on any evidence he produces back

684
00:35:22,660 --> 00:35:20,390
in 1984 Ken hams article burbled happily

685
00:35:25,900 --> 00:35:22,670
along telling us all about the aftermath

686
00:35:28,960 --> 00:35:25,910
of the deluge when the water canopy in

687
00:35:31,329 --> 00:35:28,970
the Bible implies existed around the

688
00:35:35,109 --> 00:35:31,339

Earth's atmosphere up to the time of

689

00:35:37,750 --> 00:35:35,119

Noah's Flood was gone sorry Ken but the

690

00:35:40,780 --> 00:35:37,760

water canopy argument has now been

691

00:35:43,960 --> 00:35:40,790

classified as doubtful hence in

692

00:35:46,900 --> 00:35:43,970

advisable to use which rather undermines

693

00:35:49,660 --> 00:35:46,910

your entire position Ham proceeded to

694

00:35:52,720 --> 00:35:49,670

identify job's Leviathan

695

00:35:55,690 --> 00:35:52,730

as having been some form of

696

00:35:59,349 --> 00:35:55,700

fire-breathing dragon and asserted that

697

00:36:00,160 --> 00:35:59,359

it could even be true that the Loch Ness

698

00:36:03,730 --> 00:36:00,170

monster

699

00:36:06,940 --> 00:36:03,740

if Nessie really exists is a variety of

700

00:36:09,579 --> 00:36:06,950

plesiosaur again the plesiosaur is

701
00:36:11,530 --> 00:36:09,589
persona non grata at the moment with the

702
00:36:13,960 --> 00:36:11,540
dead one allegedly found near New

703
00:36:17,530 --> 00:36:13,970
Zealand actually the decayed carcass of

704
00:36:20,920 --> 00:36:17,540
a basking shark also on Al G's hit list

705
00:36:24,339 --> 00:36:20,930
after the required excisions this issue

706
00:36:26,319 --> 00:36:24,349
of X knee low now resembles a piece of

707
00:36:28,900 --> 00:36:26,329
Swiss cheese

708
00:36:31,329 --> 00:36:28,910
perhaps we should toddle off to a

709
00:36:34,900 --> 00:36:31,339
creationist conference or two in the

710
00:36:42,939 --> 00:36:34,910
hope of discovering some infallible

711
00:36:45,880 --> 00:36:42,949
truths light relief we might skip the

712
00:36:49,239 --> 00:36:45,890
creation science weekend held it must

713
00:36:52,150 --> 00:36:49,249

fail in June 1983 sintering as it did on

714

00:36:56,130 --> 00:36:52,160

the work of Barry Satterfield now on the

715

00:36:59,559 --> 00:36:56,140

nose but then the brilliant astronomer

716

00:37:02,349 --> 00:36:59,569

physicist full-time Christian worker who

717

00:37:04,509 --> 00:37:02,359

is responsible for what is possibly the

718

00:37:08,349 --> 00:37:04,519

most sensational research discovery in

719

00:37:11,370 --> 00:37:08,359

the whole bible science field ie the

720

00:37:14,199 --> 00:37:11,380

slowing of the speed of light

721

00:37:17,259 --> 00:37:14,209

unfortunately we'll also miss a showing

722

00:37:20,489 --> 00:37:17,269

of the film footprints in the stone said

723

00:37:23,469 --> 00:37:20,499

around the Paluxy River a fast-moving

724

00:37:26,189 --> 00:37:23,479

documentary which shatters the widely

725

00:37:30,640 --> 00:37:26,199

taught geologic table of evolution

726

00:37:32,769 --> 00:37:30,650

surely we'll have better luck at the CSF

727

00:37:36,849 --> 00:37:32,779

Summer Institute held in Melbourne

728

00:37:40,839 --> 00:37:36,859

during January 1985 John McCoy shortly

729

00:37:43,319 --> 00:37:40,849

to become a CSF unperson kicked off

730

00:37:46,419 --> 00:37:43,329

proceedings by asking the question can

731

00:37:50,559 --> 00:37:46,429

science investigate the past briefly

732

00:37:54,849 --> 00:37:50,569

answered makai the answer is no perhaps

733

00:37:58,479 --> 00:37:54,859

this is an infallible truth as it does

734

00:38:00,549 --> 00:37:58,489

not appear on a IGS dump list but the

735

00:38:03,279 --> 00:38:00,559

audience may as well have gone home

736

00:38:06,219 --> 00:38:03,289

after this so replete was the conference

737

00:38:08,859 --> 00:38:06,229

with now discarded creation arguments

738

00:38:11,229 --> 00:38:08,869

Clifford Wilson banged on about Paluxy

739

00:38:14,949 --> 00:38:11,239

while Barry said a field told everyone

740

00:38:18,099 --> 00:38:14,959

about sea decay and moon dust another

741

00:38:20,229 --> 00:38:18,109

pointed to a young creation it's the

742

00:38:23,289 --> 00:38:20,239

same story with most creationist

743

00:38:26,859 --> 00:38:23,299

conference reports dating right back to

744

00:38:30,069 --> 00:38:26,869

the 1970s most of these theories are

745

00:38:32,679 --> 00:38:30,079

really more like wild surmises in which

746

00:38:35,019 --> 00:38:32,689

a momentary surprising observation is

747

00:38:37,779 --> 00:38:35,029

rapidly exaggerated out of all

748

00:38:39,470 --> 00:38:37,789

proportion to its significance audience

749

00:38:42,650 --> 00:38:39,480

at these lectures and

750

00:38:43,520 --> 00:38:42,660

seminars wasted huge amounts of time and

751
00:38:46,130 --> 00:38:43,530
money

752
00:38:53,660 --> 00:38:46,140
listening to pseudo scientific ideas

753
00:38:57,380 --> 00:38:53,670
with very brief half-lives Gish and the

754
00:39:04,099 --> 00:39:00,289
a case in point is dr. Dwayne Gish's

755
00:39:06,979 --> 00:39:04,109
lecture tour of Australia in 1975 Gish

756
00:39:09,200 --> 00:39:06,989
was at that time associate director of

757
00:39:11,779 --> 00:39:09,210
the Institute for Creation Research in

758
00:39:14,620 --> 00:39:11,789
California and his visit was organized

759
00:39:19,789 --> 00:39:14,630
by the evolution protest movement a

760
00:39:22,660 --> 00:39:19,799
precursor of CSF slash AIG a key element

761
00:39:25,640 --> 00:39:22,670
of dishes argument on this and many

762
00:39:29,410 --> 00:39:25,650
subsequent occasions was the second law

763
00:39:32,180 --> 00:39:29,420

of thermodynamics dish maintains that

764

00:39:34,789 --> 00:39:32,190

evolution is less scientific than

765

00:39:38,420 --> 00:39:34,799

creation because it contradicts some of

766

00:39:41,690 --> 00:39:38,430

our best established natural laws if the

767

00:39:44,960 --> 00:39:41,700

particles to people evolution theory is

768

00:39:48,019 --> 00:39:44,970

true matter must have the inherent

769

00:39:50,779 --> 00:39:48,029

ability to self-organize into even

770

00:39:53,539 --> 00:39:50,789

higher and higher levels of complexity

771

00:39:56,180 --> 00:39:53,549

the second law of thermodynamics one of

772

00:39:59,229 --> 00:39:56,190

the basic laws of science describes just

773

00:40:02,690 --> 00:39:59,239

the opposite tendency all natural

774

00:40:05,690 --> 00:40:02,700

spontaneously occurring processes result

775

00:40:08,720 --> 00:40:05,700

in a loss of order the universal

776

00:40:11,859 --> 00:40:08,730

tendency is to go from the complex to

777

00:40:14,509 --> 00:40:11,869

the simple from order to disorder

778

00:40:17,239 --> 00:40:14,519

evolution would require just the

779

00:40:20,120 --> 00:40:17,249

opposite creationist bodies elaborated

780

00:40:22,880 --> 00:40:20,130

the argument over the years so that the

781

00:40:25,849 --> 00:40:22,890

second law was postulated as having

782

00:40:29,509 --> 00:40:25,859

begun to operate when Adam and Eve fell

783

00:40:32,989 --> 00:40:29,519

from grace in Eden but guess what now

784

00:40:35,930 --> 00:40:32,999

appears on the AI G's definitely don't

785

00:40:39,829 --> 00:40:35,940

use these arguments list the second law

786

00:40:43,220 --> 00:40:39,839

of thermodynamics began at the fall this

787

00:40:46,239 --> 00:40:43,230

law says that the entropy disorder of

788

00:40:49,099 --> 00:40:46,249

the universe increases over time and

789

00:40:52,640 --> 00:40:49,109

some have thought that this was the

790

00:40:56,989 --> 00:40:52,650

result of the curse of God on Adam and

791

00:40:59,599 --> 00:40:56,999

his heirs and humanity however disorder

792

00:41:03,019 --> 00:40:59,609

isn't always harmful an obvious example

793

00:41:05,749 --> 00:41:03,029

is digestion breaking down large complex

794

00:41:08,630 --> 00:41:05,759

food molecules into their simpler

795

00:41:10,759 --> 00:41:08,640

building blocks a less obvious example

796

00:41:11,260 --> 00:41:10,769

to laymen might be the Sun heating the

797

00:41:14,720 --> 00:41:11,270

earth

798

00:41:17,180 --> 00:41:14,730

finally all beneficial processes in the

799

00:41:20,480 --> 00:41:17,190

world including the development of the

800

00:41:23,870 --> 00:41:20,490

embryo to adult increase the overall

801
00:41:27,520 --> 00:41:23,880
disorder of the universe showing that

802
00:41:31,040 --> 00:41:27,530
the second law is not inherently a curse

803
00:41:33,980 --> 00:41:31,050
this concession cuts ass wave through

804
00:41:36,500 --> 00:41:33,990
the content of innumerable creationist

805
00:41:39,070 --> 00:41:36,510
lectures and conferences although the

806
00:41:41,660 --> 00:41:39,080
above is a variant on Gish's long

807
00:41:45,110 --> 00:41:41,670
discredited argument the creation

808
00:41:47,390 --> 00:41:45,120
message has always been that a there was

809
00:41:51,410 --> 00:41:47,400
nothing good about the second law and

810
00:41:54,440 --> 00:41:51,420
that it involved inevitable decay and be

811
00:41:57,980 --> 00:41:54,450
that it's operation entirely precluded

812
00:42:00,350 --> 00:41:57,990
the process of evolution AIG supporters

813
00:42:03,010 --> 00:42:00,360

playing fundly to their pet theories a

814

00:42:06,830 --> 00:42:03,020

recent issue of creation

815

00:42:10,550 --> 00:42:06,840

refers to readers pining for their old

816

00:42:13,520 --> 00:42:10,560

moondust argument and now be howling at

817

00:42:15,260 --> 00:42:13,530

the moon for this one Gish also

818

00:42:17,630 --> 00:42:15,270

regularly claimed that transitional

819

00:42:21,560 --> 00:42:17,640

forms proposed by evolutionary theory

820

00:42:23,990 --> 00:42:21,570

were non-existent as gaps between the

821

00:42:27,110 --> 00:42:24,000

higher categories of plants and animals

822

00:42:29,560 --> 00:42:27,120

are systemic this situation directly

823

00:42:32,990 --> 00:42:29,570

supported creationist theory and

824

00:42:35,150 --> 00:42:33,000

contradicted evolution AIG is now

825

00:42:38,300 --> 00:42:35,160

backing away from such claims at the

826

00:42:41,000 --> 00:42:38,310

speed of light or at least a decayed

827

00:42:44,660 --> 00:42:41,010

version of it there are no transitional

828

00:42:47,120 --> 00:42:44,670

forms is now defunct since there are

829

00:42:50,810 --> 00:42:47,130

candidates even though they are highly

830

00:42:53,690 --> 00:42:50,820

dubious we should say instead while

831

00:42:55,970 --> 00:42:53,700

Darwin predicted that the fossil record

832

00:43:00,440 --> 00:42:55,980

would show numerous transitional fossils

833

00:43:03,800 --> 00:43:00,450

even 140 years later all we have are a

834

00:43:06,410 --> 00:43:03,810

handful of disputed examples from an

835

00:43:09,590 --> 00:43:06,420

historical point of view and despite the

836

00:43:14,450 --> 00:43:09,600

qualifications attached to it I would

837

00:43:16,310 --> 00:43:14,460

class this as a major retreat by AIG in

838

00:43:18,440 --> 00:43:16,320

over recent years it has been most

839

00:43:20,990 --> 00:43:18,450

interesting to observe this group

840

00:43:24,529 --> 00:43:21,000

gradually incorporate the language of

841

00:43:26,269 --> 00:43:24,539

evolution into its ideology

842

00:43:29,029 --> 00:43:26,279

it may come as a surprise to some

843

00:43:31,999 --> 00:43:29,039

skeptics to learn that creationists

844

00:43:36,159 --> 00:43:32,009

accept natural selection as an important

845

00:43:38,989 --> 00:43:36,169

part of creation full frame work that

846

00:43:43,239 --> 00:43:38,999

new species have been observed to form

847

00:43:47,689 --> 00:43:43,249

and that in some situations beneficial

848

00:43:50,269 --> 00:43:47,699

mutations do occur despite the spin

849

00:43:53,870 --> 00:43:50,279

which AIG imparts to statements like

850

00:43:56,779 --> 00:43:53,880

these one wonders how much more ground

851

00:44:00,499 --> 00:43:56,789

they can yield without attracting

852

00:44:09,250 --> 00:44:00,509

charges of apostasy from sterner Souls

853

00:44:14,230 --> 00:44:12,370

since creationism is a pseudoscience it

854

00:44:18,370 --> 00:44:14,240

should come as no surprise to learn that

855

00:44:20,800 --> 00:44:18,380

most of a I G's ideas are wrong however

856

00:44:23,700 --> 00:44:20,810

it is a little surprising to see the

857

00:44:26,620 --> 00:44:23,710

group carefully gathering its gaffes

858

00:44:29,230 --> 00:44:26,630

together and posting them on the

859

00:44:32,380 --> 00:44:29,240

internet writing in the unrelated field

860

00:44:36,120 --> 00:44:32,390

of Holocaust Studies Robert young Van

861

00:44:39,730 --> 00:44:36,130

Pelt has drawn attention to the Krays

862

00:44:43,150 --> 00:44:39,740

positivism of believers in the no

863

00:44:46,150 --> 00:44:43,160

Holocaust theory the assumption that the

864

00:44:48,609 --> 00:44:46,160

discovery of one little crack will bring

865

00:44:52,170 --> 00:44:48,619

the whole building down is the

866

00:44:55,810 --> 00:44:52,180

fundamental fallacy of Holocaust denial

867

00:44:57,760 --> 00:44:55,820

creationists to seek little cracks in

868

00:45:00,490 --> 00:44:57,770

the structure of evolution which

869

00:45:03,040 --> 00:45:00,500

ultimately form the basis of blooper

870

00:45:06,190 --> 00:45:03,050

lists like the one I have looked at here

871

00:45:07,180 --> 00:45:06,200

still they shouldn't have to worry for

872

00:45:10,420 --> 00:45:07,190

too much longer

873

00:45:12,370 --> 00:45:10,430

arcing back to 1986 we have it on the

874

00:45:16,690 --> 00:45:12,380

authority of Professor John Rendell

875

00:45:18,490 --> 00:45:16,700

short a former chairman of CSF that it

876

00:45:20,890 --> 00:45:18,500

is now clear that on the scientific

877

00:45:24,130 --> 00:45:20,900

level the theory of the evolution is

878

00:45:26,650 --> 00:45:24,140

rapidly losing ground some non

879

00:45:31,060 --> 00:45:26,660

creationists predict that it will be

880

00:45:35,020 --> 00:45:31,070

abandoned within 20 years so that'll be

881

00:45:41,890 --> 00:45:39,040

and that was did we say that

882

00:45:45,650 --> 00:45:41,900

creationists farewell some old friends

883

00:45:48,950 --> 00:45:45,660

written by Brian Baxter and you can find

884

00:45:50,570 --> 00:45:48,960

that on page 11 of volume 23 number one

885

00:45:54,220 --> 00:45:50,580

of the skeptic the journal from

886

00:45:57,290 --> 00:45:54,230

Australian skeptics free to download at

887

00:46:07,310 --> 00:45:57,300

WWF Descamps a you

888

00:46:10,170 --> 00:46:07,320

[Music]

889

00:46:13,290 --> 00:46:10,180

the skeptic magazine the journal from

890

00:46:15,510 --> 00:46:13,300

Australian skeptics subscribe online to

891

00:46:21,000 --> 00:46:15,520

the world's second oldest skeptical

892

00:46:24,030 --> 00:46:21,010

magazine visit WWF XCOM and click the

893

00:46:28,410 --> 00:46:24,040

publication's link you can also find

894

00:46:31,560 --> 00:46:28,420

there over 30 years of back issues free

895

00:46:49,080 --> 00:46:31,570

to download the skeptic magazine from

896

00:46:50,970 --> 00:46:49,090

Australian skeptics thank you for

897

00:46:54,210 --> 00:46:50,980

listening to the skeptic zone and again

898

00:46:56,670 --> 00:46:54,220

I hope to see you at those events I

899

00:46:59,900 --> 00:46:56,680

mentioned Maynard movie night on the 1st

900

00:47:03,110 --> 00:46:59,910

of October here in Sydney and glebe and

901
00:47:07,320 --> 00:47:03,120
skeptics in the pub with Trish Han on

902
00:47:10,380 --> 00:47:07,330
the first Thursday of October at the

903
00:47:12,270 --> 00:47:10,390
Occidental hotel in Sydney thank you to

904
00:47:15,150 --> 00:47:12,280
those people who keep supporting the

905
00:47:18,360 --> 00:47:15,160
show via patreon and thank you to my new

906
00:47:21,360 --> 00:47:18,370
patrons in the last week or week or two

907
00:47:24,420 --> 00:47:21,370
thank you very much every bit helps to

908
00:47:27,320 --> 00:47:24,430
keep the skeptic zone running going on

909
00:47:29,790 --> 00:47:27,330
the air in your ears on the interwebs

910
00:47:32,190 --> 00:47:29,800
something like that thanks to the

911
00:47:36,480 --> 00:47:32,200
generosity and continuing support of you

912
00:47:38,310 --> 00:47:36,490
people who do what's that now I'm back

913
00:47:42,450 --> 00:47:38,320

in Australia there's some weird birds

914

00:47:45,690 --> 00:47:42,460

chirping outside the window hmm it's

915

00:47:47,700 --> 00:47:45,700

thanks to the generosity of people who

916

00:47:50,700 --> 00:47:47,710

do contribute I was able to buy some

917

00:47:53,250 --> 00:47:50,710

very nice new recording equipment which

918

00:47:56,040 --> 00:47:53,260

I'll be putting to good use I hope at

919

00:47:58,200 --> 00:47:56,050

the Australian skeptics convention in

920

00:47:59,430 --> 00:47:58,210

Melbourne that's going to be an exciting

921

00:48:01,920 --> 00:47:59,440

time and I think the good people in

922

00:48:05,220 --> 00:48:01,930

Melbourne are arranging for Maine are

923

00:48:07,680 --> 00:48:05,230

denied to have a an area room for

924

00:48:09,150 --> 00:48:07,690

podcast interviews hey if you're coming

925

00:48:10,770 --> 00:48:09,160

along you might end up being interviewed

926
00:48:12,380 --> 00:48:10,780
you probably will there's a good chance

927
00:48:14,660 --> 00:48:12,390
of that actually

928
00:48:16,700 --> 00:48:14,670
but for this week this is Richard

929
00:48:23,120 --> 00:48:16,710
Saunders signing off from Sydney

930
00:48:25,849 --> 00:48:23,130
Australia you've been listening to the

931
00:48:32,509 --> 00:48:25,859
skeptic zone podcast please visit our

932
00:48:35,299 --> 00:48:32,519
website at wwlp.com tax and to access

933
00:48:38,930 --> 00:48:35,309
the bat catalog of episodes going back

934
00:48:42,559 --> 00:48:38,940
to 2008 you can follow the skeptic zone

935
00:48:44,960 --> 00:48:42,569
podcast on twitter at skeptic zone visit

936
00:48:45,849 --> 00:48:44,970
our facebook page or leave a review on

937
00:48:48,529 --> 00:48:45,859
itunes

938
00:48:51,920 --> 00:48:48,539

you can also support the skeptic zone

939

00:48:54,640 --> 00:48:51,930

via patreon or paypal the skeptic zone

940

00:48:57,019 --> 00:48:54,650

podcast is an independent production

941

00:48:59,150 --> 00:48:57,029

reviews and opinions expressed on the

942

00:49:01,490 --> 00:48:59,160

skeptic zone are not necessarily those

943

00:49:03,290 --> 00:49:01,500

of Australian skeptics or any other

944

00:49:13,810 --> 00:49:03,300

sceptical organisation

945

00:49:17,290 --> 00:49:15,850

hello to the afterthoughts the people

946

00:49:18,910 --> 00:49:17,300

who listened after the music haven't

947

00:49:21,580 --> 00:49:18,920

done this for a little while it's the

948

00:49:24,850 --> 00:49:21,590

old use your psychic predictive powers

949

00:49:27,010 --> 00:49:24,860

or dumb luck to guess the role of a 10

950

00:49:31,540 --> 00:49:27,020

sided die this is a nice one it's sort

951
00:49:38,680 --> 00:49:31,550
of translucent orange orange oh there's

952
00:49:39,970 --> 00:49:38,690
that bird again well whatever alright so

953
00:49:43,120 --> 00:49:39,980
for those of you haven't played before

954
00:49:45,880 --> 00:49:43,130
I'm gonna roll this D 10 pin sided die

955
00:49:48,910 --> 00:49:45,890
10 times no I'm not three times three

956
00:49:51,640 --> 00:49:48,920
times and see how you go see you've got

957
00:49:54,240 --> 00:49:51,650
a 1 in 1,000 chance of guessing all

958
00:49:58,180 --> 00:49:54,250
three numbers correctly give it a shake

959
00:49:59,770 --> 00:49:58,190
think of the first number from 1 to 10

960
00:50:05,190 --> 00:49:59,780
think think think have your prediction

961
00:50:09,820 --> 00:50:05,200
here it comes and the first number is 3

962
00:50:11,410 --> 00:50:09,830
where's my skeptic Zone pen write this

963
00:50:18,990 --> 00:50:11,420

down on this bit of skipped exam paper

964

00:50:28,930 --> 00:50:19,000

here 3 alright next number here it comes

965

00:50:33,760 --> 00:50:28,940

5 all right 3 5 last one last number is

966

00:50:37,210 --> 00:50:33,770

Oh another 5 I wonder if people use this

967

00:50:42,160 --> 00:50:37,220

too as the basis of their um pin codes