

COMPLAINT FOR VIOLATIONS OF THE
CONSUMER PROTECTION ACT

On behalf of itself, corporation of the District of Columbia, Plaintiff

Episode 707

THE SKEPTIC ZONE PODCAST

24 April 2022

www.skepticzone.tv

The Skeptic Zone Podcast



Adrienne Hill

The Skeptic Zone Podcast



Tim Mendham



Richard Saunders

Homoeopathy

on trial

Australian Skeptics
Newsletter

The Book of Tim

TROVE looks at
Naturopaths



claim:

1
00:00:00,000 --> 00:00:06,550

[Music]

2
00:00:16,830 --> 00:00:09,190

welcome to the skeptic zone the podcast

3
00:00:25,109 --> 00:00:23,429

[Music]

4
00:00:29,830 --> 00:00:25,119

yes it's the skeptic zone podcast

5
00:00:35,430 --> 00:00:32,310

i haven't been on a 707 for a long time

6
00:00:38,069 --> 00:00:35,440

for the 24th of april 2022 richard

7
00:00:39,910 --> 00:00:38,079

saunders coming to you from a sunny

8
00:00:41,990 --> 00:00:39,920

sydney australia

9
00:00:45,190 --> 00:00:42,000

what's on the show this week what's on

10
00:00:48,150 --> 00:00:45,200

the show this week homeopathy on trial

11
00:00:50,310 --> 00:00:48,160

we follow up from a story we carried oh

12
00:00:53,270 --> 00:00:50,320

some time ago about the center for

13
00:00:56,630 --> 00:00:53,280

inquiry taking legal action against the

14

00:00:59,830 --> 00:00:56,640

walmart and cvs pharmacy

15

00:01:01,510 --> 00:00:59,840

companies for selling what we consider

16

00:01:03,510 --> 00:01:01,520

to be quackery

17

00:01:06,230 --> 00:01:03,520

useless products

18

00:01:08,230 --> 00:01:06,240

homeopathy in their stores

19

00:01:11,350 --> 00:01:08,240

we're going to see what the latest

20

00:01:15,350 --> 00:01:11,360

on that story is including a report

21

00:01:17,910 --> 00:01:15,360

on a court trial which is going on at

22

00:01:19,030 --> 00:01:17,920

the moment and also new

23

00:01:24,070 --> 00:01:19,040

news

24

00:01:27,830 --> 00:01:24,080

center for inquiry against the boiron

25

00:01:29,270 --> 00:01:27,840

homeopathic company itself now of course

26

00:01:31,749 --> 00:01:29,280

for a long time we've known that

27

00:01:32,789 --> 00:01:31,759

homeopathic

28

00:01:33,590 --> 00:01:32,799

products

29

00:01:35,830 --> 00:01:33,600

are

30

00:01:37,429 --> 00:01:35,840

practically useless

31

00:01:39,350 --> 00:01:37,439

they don't actually do anything because

32

00:01:41,990 --> 00:01:39,360

they can't do anything

33

00:01:43,830 --> 00:01:42,000

not in this universe anyway

34

00:01:45,910 --> 00:01:43,840

so i think you'll find this story to

35

00:01:47,670 --> 00:01:45,920

kick off the show

36

00:01:49,270 --> 00:01:47,680

enlightening following that it's the

37

00:01:51,510 --> 00:01:49,280

australian skeptic's newsletter

38

00:01:54,230 --> 00:01:51,520

wonderfully read once again by adrian

39

00:01:56,069 --> 00:01:54,240

hill in canada let's see what's caught

40

00:01:57,749 --> 00:01:56,079

the attention of the australian skeptics

41

00:01:59,830 --> 00:01:57,759

in the last week

42

00:02:01,190 --> 00:01:59,840

after that it's part two of the book of

43

00:02:04,389 --> 00:02:01,200

tim

44

00:02:07,350 --> 00:02:04,399

of out of body out of mind

45

00:02:10,790 --> 00:02:07,360

where we look at uh body dysphoria

46

00:02:13,830 --> 00:02:10,800

phantom limbs and so on of course this

47

00:02:15,589 --> 00:02:13,840

is a reading from the skeptic magazine

48

00:02:18,710 --> 00:02:15,599

then to round off the show

49

00:02:21,110 --> 00:02:18,720

trove the trove archives we look for

50

00:02:23,350 --> 00:02:21,120

references in the australian

51
00:02:25,510 --> 00:02:23,360
digitized history

52
00:02:27,670 --> 00:02:25,520
to naturopaths

53
00:02:30,390 --> 00:02:27,680
naturopaths which sort of ties in a

54
00:02:32,790 --> 00:02:30,400
little bit to the very first story

55
00:02:35,509 --> 00:02:32,800
of uh homeopathy i think

56
00:02:37,270 --> 00:02:35,519
now if you hear this episode in time

57
00:02:41,190 --> 00:02:37,280
i'm trying to put it out as soon as i

58
00:02:44,550 --> 00:02:41,200
can because at 11 a.m today

59
00:02:47,750 --> 00:02:44,560
11 a.m today eastern australian time

60
00:02:50,470 --> 00:02:47,760
sydney time brisbane melbourne time

61
00:02:52,710 --> 00:02:50,480
how about i think uh we have an online

62
00:02:54,630 --> 00:02:52,720
talk by none other than susan gerbic and

63
00:02:56,949 --> 00:02:54,640

she'll be talking for the gold coast

64

00:02:59,430 --> 00:02:56,959

skeptics up in queensland

65

00:03:01,750 --> 00:02:59,440

if you hear this uh in time if you're an

66

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

early downloader and i get this out in

67

00:03:07,589 --> 00:03:03,120

time

68

00:03:08,630 --> 00:03:07,599

before 11am here on the east coast of

69

00:03:10,470 --> 00:03:08,640

australia

70

00:03:12,869 --> 00:03:10,480

uh click the link in the show notes and

71

00:03:15,190 --> 00:03:12,879

you can watch a free talk by susan

72

00:03:16,470 --> 00:03:15,200

gerbic all about

73

00:03:19,750 --> 00:03:16,480

operation

74

00:03:22,149 --> 00:03:19,760

onion ring and this is about exposing

75

00:03:23,830 --> 00:03:22,159

medium thomas john

76

00:03:25,589 --> 00:03:23,840

now just before i go

77

00:03:28,550 --> 00:03:25,599

running down the stairs to look for

78

00:03:31,910 --> 00:03:28,560

something to uh to munch on

79

00:03:33,589 --> 00:03:31,920

if you're planning a long trip today i

80

00:03:35,350 --> 00:03:33,599

hope the skeptic zone can keep you

81

00:03:36,309 --> 00:03:35,360

company in the car i know a lot of

82

00:03:41,110 --> 00:03:36,319

people

83

00:03:42,470 --> 00:03:41,120

zone while driving along through traffic

84

00:03:44,470 --> 00:03:42,480

if you're one of those people today

85

00:03:46,789 --> 00:03:44,480

thank you for listening and i hope the

86

00:03:47,750 --> 00:03:46,799

skeptic zone makes your driving your

87

00:03:49,509 --> 00:03:47,760

trip

88

00:03:50,949 --> 00:03:49,519

more enjoyable

89

00:03:53,350 --> 00:03:50,959

but now it is time for me to run

90

00:03:55,110 --> 00:03:53,360

downstairs grab that cup of coffee i

91

00:03:58,470 --> 00:03:55,120

wonder if there's a donut

92

00:04:03,990 --> 00:03:58,480

i will ask henrietta the cat and maude

93

00:04:08,710 --> 00:04:07,350

penny do you have any doughnuts

94

00:04:11,429 --> 00:04:08,720

yeah she doesn't want to answer that

95

00:04:13,740 --> 00:04:11,439

while i do that i hope you enjoy the

96

00:04:35,749 --> 00:04:13,750

skeptic zone

97

00:04:37,749 --> 00:04:35,759

[Music]

98

00:04:38,870 --> 00:04:37,759

visit for inquiry

99

00:04:40,870 --> 00:04:38,880

and

100

00:04:45,510 --> 00:04:40,880

homeopathy

101
00:04:48,230 --> 00:04:45,520
in 2020 and even back in 2019 i ran some

102
00:04:50,230 --> 00:04:48,240
stories regarding homeopathy in 2019 it

103
00:04:51,830 --> 00:04:50,240
was an interview with nick little from

104
00:04:54,030 --> 00:04:51,840
the center for inquiry

105
00:04:55,590 --> 00:04:54,040
and that was on episode number

106
00:04:58,070 --> 00:04:55,600
553

107
00:04:59,909 --> 00:04:58,080
now i was chatting to nick about the

108
00:05:02,870 --> 00:04:59,919
legal action undertaken by the center

109
00:05:06,390 --> 00:05:02,880
for inquiry against walmart and cvs

110
00:05:08,310 --> 00:05:06,400
pharmacies for selling homeopathy

111
00:05:10,230 --> 00:05:08,320
and i'm happy to bring you an update to

112
00:05:12,390 --> 00:05:10,240
that story

113
00:05:14,230 --> 00:05:12,400

and i'll quote from a page over at the

114

00:05:16,070 --> 00:05:14,240

center for inquiry which i'll link to in

115

00:05:21,110 --> 00:05:16,080

this

116

00:05:25,590 --> 00:05:21,120

cfi center for inquiry meets walmart and

117

00:05:27,350 --> 00:05:25,600

cvs in dc court over homeopathy lawsuit

118

00:05:29,909 --> 00:05:27,360

and this was published on january the

119

00:05:32,390 --> 00:05:29,919

27th on january 13 the center for

120

00:05:34,310 --> 00:05:32,400

inquiry reached a major milestone in its

121

00:05:37,029 --> 00:05:34,320

groundbreaking consumer protection

122

00:05:38,870 --> 00:05:37,039

lawsuits against retail giants walmart

123

00:05:40,629 --> 00:05:38,880

and cvs

124

00:05:41,990 --> 00:05:40,639

for those of you in australia and other

125

00:05:45,590 --> 00:05:42,000

parts of the world

126

00:05:47,029 --> 00:05:45,600

cvs is a massive chain of pharmacies in

127

00:05:49,350 --> 00:05:47,039

fact when i'm in the united states i

128

00:05:51,029 --> 00:05:49,360

often find myself in a cvs pharmacy for

129

00:05:53,670 --> 00:05:51,039

one reason or another

130

00:05:54,550 --> 00:05:53,680

and i have noticed the homeopathy they

131

00:05:57,350 --> 00:05:54,560

sell

132

00:05:59,749 --> 00:05:57,360

cfi is suing these mammoth corporations

133

00:06:01,270 --> 00:05:59,759

over their deceptive sale and marketing

134

00:06:04,309 --> 00:06:01,280

of homeopathic products under the

135

00:06:07,590 --> 00:06:04,319

consumer protection laws of the district

136

00:06:10,629 --> 00:06:07,600

of columbia and on the 13th of january

137

00:06:13,270 --> 00:06:10,639

cfi legal director nick little presented

138

00:06:15,350 --> 00:06:13,280

oral arguments on four cases before the

139

00:06:16,390 --> 00:06:15,360

dc court of appeals

140

00:06:22,230 --> 00:06:16,400

and

141

00:06:24,469 --> 00:06:22,240

spent much of their briefing accusing

142

00:06:27,430 --> 00:06:24,479

the center for inquiry of being obsessed

143

00:06:29,350 --> 00:06:27,440

with homeopathy and then he says and

144

00:06:31,510 --> 00:06:29,360

they aren't totally wrong in that

145

00:06:33,510 --> 00:06:31,520

accusation of obsession

146

00:06:35,590 --> 00:06:33,520

we are very very determined to ensure

147

00:06:38,309 --> 00:06:35,600

that this multi-billion dollar a year

148

00:06:41,270 --> 00:06:38,319

fraud on consumers is stopped we will

149

00:06:43,029 --> 00:06:41,280

explore every avenue to protect them the

150

00:06:45,430 --> 00:06:43,039

article goes on to say that walmart and

151
00:06:47,270 --> 00:06:45,440
cvs meanwhile are very very determined

152
00:06:51,189 --> 00:06:47,280
to prove that cfi

153
00:06:54,070 --> 00:06:51,199
has no standing claiming that we

154
00:06:55,909 --> 00:06:54,080
cfi don't actually count as a consumer

155
00:06:57,749 --> 00:06:55,919
protection organization

156
00:07:01,029 --> 00:06:57,759
but that's an argument that falls apart

157
00:07:05,029 --> 00:07:01,039
under even the slightest scrutiny and it

158
00:07:07,270 --> 00:07:05,039
goes on to say what cfi does is consumer

159
00:07:09,430 --> 00:07:07,280
protection whether it is challenging

160
00:07:12,070 --> 00:07:09,440
psychics to stop acting as grief

161
00:07:14,150 --> 00:07:12,080
vampires pressing state governments to

162
00:07:16,550 --> 00:07:14,160
properly regulate charlatans like

163
00:07:19,110 --> 00:07:16,560

acupuncturists and naturopaths or using

164

00:07:20,950 --> 00:07:19,120

the dc courts to stop mega retailers

165

00:07:22,390 --> 00:07:20,960

misrepresenting homeopathy to their

166

00:07:24,230 --> 00:07:22,400

customers

167

00:07:25,270 --> 00:07:24,240

and that was another quote from nick

168

00:07:27,110 --> 00:07:25,280

little

169

00:07:29,830 --> 00:07:27,120

opposition to pseudoscience isn't a

170

00:07:31,830 --> 00:07:29,840

philosophical position alone it has a

171

00:07:34,150 --> 00:07:31,840

purpose fighting quackery is about

172

00:07:36,070 --> 00:07:34,160

consumer protection and that's what we

173

00:07:37,270 --> 00:07:36,080

told the court

174

00:07:38,790 --> 00:07:37,280

now

175

00:07:41,189 --> 00:07:38,800

what is interesting

176

00:07:43,270 --> 00:07:41,199

and i found this fascinating is that the

177

00:07:45,350 --> 00:07:43,280

court proceedings were

178

00:07:49,350 --> 00:07:45,360

on zoom

179

00:07:51,350 --> 00:07:49,360

and were recorded and are on youtube i

180

00:07:53,510 --> 00:07:51,360

will link to this page in this week's

181

00:07:54,869 --> 00:07:53,520

show notes you can read that roundup for

182

00:07:57,189 --> 00:07:54,879

yourself and then

183

00:07:59,510 --> 00:07:57,199

you can click the link since the

184

00:08:02,070 --> 00:07:59,520

arguments took place over zoom you can

185

00:08:04,629 --> 00:08:02,080

see it all unfold for yourself that's

186

00:08:06,390 --> 00:08:04,639

what the page says and indeed i did that

187

00:08:07,830 --> 00:08:06,400

i clicked the link and i was brought

188

00:08:09,909 --> 00:08:07,840

into

189

00:08:12,550 --> 00:08:09,919

or over to the um

190

00:08:14,790 --> 00:08:12,560

the official court video i imagine and i

191

00:08:17,350 --> 00:08:14,800

watched with fascination the arguments

192

00:08:19,670 --> 00:08:17,360

the legal arguments put forward by nick

193

00:08:22,629 --> 00:08:19,680

little and then the representatives for

194

00:08:25,350 --> 00:08:22,639

walmart and cvs now what i found was

195

00:08:28,309 --> 00:08:25,360

fascinating was the defendants the

196

00:08:29,670 --> 00:08:28,319

attorneys for walmart and cvs

197

00:08:31,990 --> 00:08:29,680

were putting up these interesting

198

00:08:34,870 --> 00:08:32,000

arguments that really weren't in my

199

00:08:37,190 --> 00:08:34,880

humble opinion my non-legal opinion they

200

00:08:39,110 --> 00:08:37,200

really weren't applicable

201
00:08:40,469 --> 00:08:39,120
trying to suggest the center for inquiry

202
00:08:42,949 --> 00:08:40,479
didn't like the fact that maybe two

203
00:08:44,949 --> 00:08:42,959
products were next to each other

204
00:08:46,949 --> 00:08:44,959
they talked about butter and margarine

205
00:08:50,310 --> 00:08:46,959
or milk and almond milk

206
00:08:53,430 --> 00:08:50,320
but right at the end of the the session

207
00:08:55,110 --> 00:08:53,440
nicholas little counted with

208
00:08:57,910 --> 00:08:55,120
i'm paraphrasing here that's not really

209
00:08:59,430 --> 00:08:57,920
the question and he made the point

210
00:09:01,350 --> 00:08:59,440
that uh

211
00:09:04,470 --> 00:09:01,360
what the argument is

212
00:09:07,190 --> 00:09:04,480
is that homeopathy is not in fact

213
00:09:09,190 --> 00:09:07,200

medicine or does not in fact work

214

00:09:11,430 --> 00:09:09,200

you might want to view that proceeding

215

00:09:13,590 --> 00:09:11,440

for yourself it's most interesting

216

00:09:15,829 --> 00:09:13,600

but this brings us now to more action

217

00:09:17,990 --> 00:09:15,839

taken by the center for inquiry

218

00:09:20,150 --> 00:09:18,000

and in

219

00:09:22,150 --> 00:09:20,160

february 2020

220

00:09:23,910 --> 00:09:22,160

in the before times just but before the

221

00:09:24,870 --> 00:09:23,920

pandemic hit

222

00:09:32,949 --> 00:09:24,880

i

223

00:09:35,030 --> 00:09:32,959

a free booklet

224

00:09:37,110 --> 00:09:35,040

i think i got from a cvs pharmacy or

225

00:09:39,350 --> 00:09:37,120

another pharmacy from the boyron company

226

00:09:41,110 --> 00:09:39,360

boyron are a huge manufacturer of

227

00:09:42,949 --> 00:09:41,120

homeopathic products for the united

228

00:09:44,710 --> 00:09:42,959

states market i i guess they'd probably

229

00:09:46,310 --> 00:09:44,720

sell them elsewhere too

230

00:09:48,790 --> 00:09:46,320

and in that episode i looked at the

231

00:09:51,030 --> 00:09:48,800

claims and information in the booklet

232

00:09:52,230 --> 00:09:51,040

which borders on

233

00:09:54,470 --> 00:09:52,240

farcical

234

00:09:56,949 --> 00:09:54,480

no it doesn't border on bicycle it it

235

00:09:58,150 --> 00:09:56,959

travels into farcical country lock stock

236

00:09:59,910 --> 00:09:58,160

and barrel

237

00:10:01,350 --> 00:09:59,920

which brings me to the next part of this

238

00:10:04,069 --> 00:10:01,360

story

239

00:10:05,670 --> 00:10:04,079

concerning the boiron company and the

240

00:10:07,269 --> 00:10:05,680

center for inquiry

241

00:10:09,750 --> 00:10:07,279

which brings me to

242

00:10:12,470 --> 00:10:09,760

a report on a website i was not familiar

243

00:10:14,310 --> 00:10:12,480

with before called techy live

244

00:10:16,230 --> 00:10:14,320

i think it's pronounced techie live i'm

245

00:10:21,269 --> 00:10:16,240

not really sure

246

00:10:24,310 --> 00:10:21,279

take i live anyway d e c h i l i v e dot

247

00:10:26,710 --> 00:10:24,320

i n if you're interested and briefly the

248

00:10:29,509 --> 00:10:26,720

story says scientific integrity watchdog

249

00:10:30,550 --> 00:10:29,519

slaps lawsuit on maker of homeopathic

250

00:10:33,269 --> 00:10:30,560

pills

251
00:10:36,550 --> 00:10:33,279
a non-profit scientific advocacy group

252
00:10:38,790 --> 00:10:36,560
sued boy ron last week for deceptively

253
00:10:41,110 --> 00:10:38,800
marketing its homeopathic products legal

254
00:10:43,990 --> 00:10:41,120
documents show

255
00:10:46,949 --> 00:10:44,000
the center for inquiry cfi filed the

256
00:10:48,790 --> 00:10:46,959
lawsuit against boeron a pennsylvania

257
00:10:51,670 --> 00:10:48,800
based manufacturer that sells

258
00:10:54,150 --> 00:10:51,680
homeopathic treatments claiming that the

259
00:10:56,630 --> 00:10:54,160
company deceives customers about the

260
00:10:59,590 --> 00:10:56,640
nature and effectiveness of its products

261
00:11:02,230 --> 00:10:59,600
the complaint alleges that boyron sells

262
00:11:04,949 --> 00:11:02,240
a plethora of identical treatments that

263
00:11:06,790 --> 00:11:04,959

consist of sugar pills and powders

264

00:11:10,150 --> 00:11:06,800

all while claiming that each of the

265

00:11:11,430 --> 00:11:10,160

products treat a specific illness or

266

00:11:12,870 --> 00:11:11,440

ailment

267

00:11:14,949 --> 00:11:12,880

now i thought it would be interesting to

268

00:11:18,069 --> 00:11:14,959

look at this legal document

269

00:11:20,150 --> 00:11:18,079

which is online at the pdf is over at

270

00:11:22,470 --> 00:11:20,160

the center for inquiry

271

00:11:24,790 --> 00:11:22,480

and it says superior court of the

272

00:11:26,790 --> 00:11:24,800

district of columbia civil division

273

00:11:29,350 --> 00:11:26,800

center for inquiry inc

274

00:11:32,310 --> 00:11:29,360

plaintiff versus boyron inc

275

00:11:35,030 --> 00:11:32,320

defendant complaint for violations of

276
00:11:37,590 --> 00:11:35,040
the consumer protection procedures act

277
00:11:39,030 --> 00:11:37,600
on behalf of itself consumers and the

278
00:11:42,310 --> 00:11:39,040
general public of the district of

279
00:11:45,030 --> 00:11:42,320
columbia plaintiff center for inquiry

280
00:11:46,790 --> 00:11:45,040
brings this action against defendant

281
00:11:49,030 --> 00:11:46,800
boyron inc

282
00:11:51,590 --> 00:11:49,040
for the unfair and deceptive trade

283
00:11:54,230 --> 00:11:51,600
practices it regularly utilizes in the

284
00:11:55,430 --> 00:11:54,240
marketing and sale of homeopathic

285
00:11:57,190 --> 00:11:55,440
products

286
00:11:58,550 --> 00:11:57,200
now i'll just mention some of the points

287
00:12:01,829 --> 00:11:58,560
that they point out

288
00:12:04,790 --> 00:12:01,839

defendant repeatedly violated and

289

00:12:08,829 --> 00:12:04,800

continues to operate in violation of the

290

00:12:12,629 --> 00:12:08,839

consumer protection procedures act

291

00:12:14,629 --> 00:12:12,639

cppa through a carefully crafted scheme

292

00:12:18,710 --> 00:12:14,639

of misrepresentation

293

00:12:20,310 --> 00:12:18,720

obfuscation ambiguity innuendos and

294

00:12:23,509 --> 00:12:20,320

falsities

295

00:12:25,829 --> 00:12:23,519

boyron offloads otherwise worthless

296

00:12:27,509 --> 00:12:25,839

products upon the unwitting

297

00:12:29,110 --> 00:12:27,519

the ill-informed

298

00:12:30,870 --> 00:12:29,120

and the vulnerable

299

00:12:34,069 --> 00:12:30,880

upon the investigation of council

300

00:12:37,750 --> 00:12:34,079

information and belief plaintiff alleges

301
00:12:39,910 --> 00:12:37,760
the following in support of its claim

302
00:12:40,949 --> 00:12:39,920
let's look at some of these

303
00:12:44,310 --> 00:12:40,959
one

304
00:12:45,670 --> 00:12:44,320
homeopathy is pseudoscience quackery

305
00:12:47,670 --> 00:12:45,680
faux medicine

306
00:12:51,110 --> 00:12:47,680
health fraud

307
00:12:54,069 --> 00:12:51,120
two boy ron is the self-described world

308
00:12:55,269 --> 00:12:54,079
leader in quote homeopathic medicines

309
00:12:56,310 --> 00:12:55,279
end quote

310
00:12:58,230 --> 00:12:56,320
3.

311
00:13:00,629 --> 00:12:58,240
defendant's entire business is based

312
00:13:02,710 --> 00:13:00,639
upon a fiction a centuries-old

313
00:13:03,509 --> 00:13:02,720

confidence scheme long past its shelf

314

00:13:06,389 --> 00:13:03,519

life

315

00:13:09,269 --> 00:13:06,399

homeopathy does not heal

316

00:13:10,790 --> 00:13:09,279

homeopathy does not cure

317

00:13:13,670 --> 00:13:10,800

homeopathy is wishful thinking

318

00:13:15,350 --> 00:13:13,680

deceptively packaged and sold for a

319

00:13:17,110 --> 00:13:15,360

hefty profit

320

00:13:19,750 --> 00:13:17,120

nothing more

321

00:13:21,910 --> 00:13:19,760

and this next point is quite interesting

322

00:13:24,550 --> 00:13:21,920

equipped with an inventory in excess of

323

00:13:27,030 --> 00:13:24,560

1 000 various items

324

00:13:28,790 --> 00:13:27,040

including toxic plants

325

00:13:31,430 --> 00:13:28,800

animal venom

326

00:13:34,790 --> 00:13:31,440

noxious gases controlled substances

327

00:13:37,590 --> 00:13:34,800

heavy metals radioactive materials

328

00:13:39,350 --> 00:13:37,600

bacteria parasites

329

00:13:41,670 --> 00:13:39,360

virus particles

330

00:13:44,189 --> 00:13:41,680

excretions

331

00:13:47,670 --> 00:13:44,199

and even the urethral

332

00:13:50,710 --> 00:13:47,680

secretions of persons infected by a

333

00:13:53,030 --> 00:13:50,720

sexually transmitted disease

334

00:13:55,910 --> 00:13:53,040

proponents of homeopathy pedal quote

335

00:13:56,710 --> 00:13:55,920

drugs and quote they claim we'll treat

336

00:13:59,110 --> 00:13:56,720

all

337

00:14:01,110 --> 00:13:59,120

medical conditions

338

00:14:02,790 --> 00:14:01,120

point five defendant recommends and

339

00:14:05,590 --> 00:14:02,800

sells a variety of products each of

340

00:14:07,590 --> 00:14:05,600

which it claims will uniquely and

341

00:14:08,710 --> 00:14:07,600

specifically treat a plethora of

342

00:14:12,389 --> 00:14:08,720

conditions

343

00:14:15,470 --> 00:14:12,399

yet each product is materially identical

344

00:14:17,829 --> 00:14:15,480

in their contents and effects each

345

00:14:20,629 --> 00:14:17,839

indistinguishable but for the promises

346

00:14:21,990 --> 00:14:20,639

boron makes two consumers

347

00:14:23,990 --> 00:14:22,000

and just looking through some of the

348

00:14:27,110 --> 00:14:24,000

other points here point eight

349

00:14:30,550 --> 00:14:27,120

to consumers defendant deceptively holds

350

00:14:32,629 --> 00:14:30,560

out its products as medicine another

351
00:14:34,150 --> 00:14:32,639
point here may be

352
00:14:35,590 --> 00:14:34,160
when we look through some of the points

353
00:14:38,310 --> 00:14:35,600
point 10

354
00:14:40,470 --> 00:14:38,320
defendant utilizes carefully crafted

355
00:14:42,550 --> 00:14:40,480
marketing materials and packaging to

356
00:14:45,110 --> 00:14:42,560
convince consumers that boy ron products

357
00:14:46,310 --> 00:14:45,120
will treat injuries reduce muscle

358
00:14:48,629 --> 00:14:46,320
stiffness

359
00:14:50,870 --> 00:14:48,639
disappear bruises

360
00:14:53,910 --> 00:14:50,880
massage poor concentration and

361
00:14:56,230 --> 00:14:53,920
irritability due to overwork and even

362
00:14:58,790 --> 00:14:56,240
heal surgical wounds

363
00:15:01,829 --> 00:14:58,800

it convinces consumers to buy its goods

364

00:15:05,030 --> 00:15:01,839

at a premium with no intent to deliver

365

00:15:07,269 --> 00:15:05,040

the items as promised 0.11 through its

366

00:15:11,590 --> 00:15:07,279

statements acts and omissions through

367

00:15:13,269 --> 00:15:11,600

innuendo and ambiguity defendant dupes

368

00:15:17,110 --> 00:15:13,279

consumers

369

00:15:20,230 --> 00:15:17,120

and that legal document is about

370

00:15:22,310 --> 00:15:20,240

five or six or seven or eight pages long

371

00:15:25,350 --> 00:15:22,320

and just scrolling through it now it's

372

00:15:27,110 --> 00:15:25,360

quite interesting because the

373

00:15:28,470 --> 00:15:27,120

document goes on to

374

00:15:31,670 --> 00:15:28,480

show

375

00:15:34,389 --> 00:15:31,680

evidence to back up their uh claims here

376

00:15:36,790 --> 00:15:34,399

in the form of screenshots and package

377

00:15:38,069 --> 00:15:36,800

shots about the uh the products boy run

378

00:15:40,389 --> 00:15:38,079

cell

379

00:15:42,710 --> 00:15:40,399

including highlighting that uh right on

380

00:15:45,749 --> 00:15:42,720

one of their packages here

381

00:15:48,389 --> 00:15:45,759

they say homeopathic arnica

382

00:15:51,110 --> 00:15:48,399

pain reliever

383

00:15:54,470 --> 00:15:51,120

and other claims under the banner of

384

00:15:56,949 --> 00:15:54,480

natural safe and effective and another

385

00:15:59,269 --> 00:15:56,959

product here they're selling and this is

386

00:16:01,430 --> 00:15:59,279

pointed out in the document

387

00:16:03,509 --> 00:16:01,440

the claim is reduces duration and

388

00:16:05,749 --> 00:16:03,519

severity of flu symptoms

389

00:16:07,670 --> 00:16:05,759

and there are more examples

390

00:16:09,910 --> 00:16:07,680

listed here

391

00:16:11,590 --> 00:16:09,920

i'm going to link to this all these

392

00:16:14,470 --> 00:16:11,600

pages i've mentioned in this week's show

393

00:16:16,069 --> 00:16:14,480

notes and it's something that

394

00:16:18,389 --> 00:16:16,079

i think the skeptical community

395

00:16:19,509 --> 00:16:18,399

worldwide will be paying close attention

396

00:16:22,150 --> 00:16:19,519

to

397

00:16:24,069 --> 00:16:22,160

because uh what we've found here in

398

00:16:25,430 --> 00:16:24,079

australia i think

399

00:16:27,430 --> 00:16:25,440

and other places in the world have

400

00:16:29,110 --> 00:16:27,440

discovered this that if you really want

401
00:16:31,110 --> 00:16:29,120
to make changes

402
00:16:34,310 --> 00:16:31,120
then it's the slow path

403
00:16:35,590 --> 00:16:34,320
that normally does the trick of

404
00:16:38,550 --> 00:16:35,600
lengthy

405
00:16:40,710 --> 00:16:38,560
legal procedures red tape

406
00:16:41,530 --> 00:16:40,720
going through the correct channels

407
00:16:45,590 --> 00:16:41,540
and so forth

408
00:16:48,949 --> 00:16:45,600
[Music]

409
00:16:50,629 --> 00:16:48,959
we look forward to the next developments

410
00:16:52,710 --> 00:16:50,639
in the cases of

411
00:16:54,629 --> 00:16:52,720
the center for inquiry versus

412
00:16:57,829 --> 00:16:54,639
walmart and cvs

413
00:17:01,350 --> 00:16:57,839

and indeed the center for inquiry versus

414

00:17:10,710 --> 00:17:01,360

the boiron homeopathic company

415

00:17:13,429 --> 00:17:10,720

[Music]

416

00:17:15,029 --> 00:17:13,439

hi i'm ben radford co-host of squaring

417

00:17:17,590 --> 00:17:15,039

strange podcast

418

00:17:19,669 --> 00:17:17,600

in these trying times as we help each

419

00:17:21,669 --> 00:17:19,679

other out to hold on to hope we want you

420

00:17:23,669 --> 00:17:21,679

to know that we're here for you hey hey

421

00:17:25,029 --> 00:17:23,679

what are you going on about

422

00:17:28,069 --> 00:17:25,039

who's interrupting my heartfelt

423

00:17:30,150 --> 00:17:28,079

promotional copy it's me celestia ward

424

00:17:33,110 --> 00:17:30,160

your co-host

425

00:17:34,630 --> 00:17:33,120

really in these trying times that's the

426

00:17:36,070 --> 00:17:34,640

best you can do

427

00:17:37,990 --> 00:17:36,080

well i'm just doing what everyone else

428

00:17:39,029 --> 00:17:38,000

is doing i thought

429

00:17:40,630 --> 00:17:39,039

that's

430

00:17:42,630 --> 00:17:40,640

not what we do

431

00:17:46,710 --> 00:17:42,640

oh for crying out loud who else is here

432

00:17:49,430 --> 00:17:46,720

pasqual romero your other co-host hey

433

00:17:51,029 --> 00:17:49,440

we don't do what everybody else does ben

434

00:17:53,590 --> 00:17:51,039

that's kind of our thing at squaring the

435

00:17:55,350 --> 00:17:53,600

strange yeah we try to approach things a

436

00:17:57,590 --> 00:17:55,360

little differently than your standard

437

00:18:00,070 --> 00:17:57,600

skeptical talky talk show

438

00:18:02,390 --> 00:18:00,080

we do our own thing bringing science

439

00:18:03,990 --> 00:18:02,400

critical thinking and skepticism to bear

440

00:18:05,590 --> 00:18:04,000

on issues of the day

441

00:18:08,390 --> 00:18:05,600

we've got a professional skeptical

442

00:18:11,110 --> 00:18:08,400

author ben who has decades of experience

443

00:18:13,750 --> 00:18:11,120

researching topics for a dozen books and

444

00:18:15,669 --> 00:18:13,760

thousands of articles and a cartoonist

445

00:18:17,270 --> 00:18:15,679

skeptic celestia who knows her stuff

446

00:18:19,430 --> 00:18:17,280

when it comes to facial weirdness and

447

00:18:21,909 --> 00:18:19,440

the psychology of perception and a

448

00:18:24,150 --> 00:18:21,919

badass heavy metal rock star and tech

449

00:18:26,070 --> 00:18:24,160

engineer pascual who brings knowledge of

450

00:18:27,110 --> 00:18:26,080

all things audio plus a bunch of neck

451

00:18:28,950 --> 00:18:27,120

tattoos

452

00:18:31,190 --> 00:18:28,960

squaring the strange explores topics

453

00:18:34,150 --> 00:18:31,200

both mysterious and mundane through a

454

00:18:35,830 --> 00:18:34,160

critical lens monsters panics media

455

00:18:38,310 --> 00:18:35,840

literacy

456

00:18:40,789 --> 00:18:38,320

okay forget the whole trying times promo

457

00:18:46,220 --> 00:18:40,799

idea but we have chupacabras and clown

458

00:19:05,510 --> 00:19:03,190

[Music]

459

00:19:07,270 --> 00:19:05,520

hello everyone it's adrian hill from

460

00:19:10,789 --> 00:19:07,280

canada here to read the highlights from

461

00:19:13,830 --> 00:19:10,799

the australian skeptics newsletter

462

00:19:15,590 --> 00:19:13,840

this is newsletter number 146.

463

00:19:17,669 --> 00:19:15,600

you can subscribe to this newsletter and

464

00:19:20,310 --> 00:19:17,679

get it delivered to your inbox every

465

00:19:27,430 --> 00:19:20,320

other week complete with links to all

466

00:19:30,390 --> 00:19:28,630

but now

467

00:19:32,789 --> 00:19:30,400

let's get to the newsletter and see what

468

00:19:34,140 --> 00:19:32,799

tim endum has lined up for us

469

00:19:35,510 --> 00:19:34,150

hi all says tim

470

00:19:37,270 --> 00:19:35,520

[Music]

471

00:19:39,510 --> 00:19:37,280

it's not surprising that the

472

00:19:41,430 --> 00:19:39,520

conspiracists were out in droves during

473

00:19:43,990 --> 00:19:41,440

the recent floods in queensland and new

474

00:19:46,230 --> 00:19:44,000

south wales the ones we've heard from

475

00:19:48,870 --> 00:19:46,240

the usual quote well-informed do your

476
00:19:51,270 --> 00:19:48,880
own research end quote family members

477
00:19:53,190 --> 00:19:51,280
concern cloud seeding designed to

478
00:19:55,350 --> 00:19:53,200
literally drown out dissenting voices

479
00:19:58,150 --> 00:19:55,360
among the alternative lifestylers in the

480
00:20:00,710 --> 00:19:58,160
northern coast of new south wales and

481
00:20:03,350 --> 00:20:00,720
move people into cities where they could

482
00:20:07,110 --> 00:20:03,360
be more closely monitored which is too

483
00:20:09,830 --> 00:20:07,120
bad for other less alternative areas but

484
00:20:11,950 --> 00:20:09,840
apparently they were collateral damage

485
00:20:14,230 --> 00:20:11,960
read on tim

486
00:20:16,740 --> 00:20:14,240
[Music]

487
00:20:17,909 --> 00:20:16,750
conspiracy theories on floods

488
00:20:20,470 --> 00:20:17,919

[Music]

489

00:20:23,430 --> 00:20:20,480

flood victims from australia's northeast

490

00:20:25,909 --> 00:20:23,440

coast who in droves now self-identify as

491

00:20:28,149 --> 00:20:25,919

climate refugees have converged on a

492

00:20:30,390 --> 00:20:28,159

grab bag of facebook groups and

493

00:20:33,110 --> 00:20:30,400

community message boards to condemn some

494

00:20:36,310 --> 00:20:33,120

byron bay locals who have taken to

495

00:20:39,270 --> 00:20:36,320

calling recent flooding a man-made

496

00:20:41,909 --> 00:20:39,280

weather event that definitely isn't

497

00:20:44,549 --> 00:20:41,919

linked to climate change

498

00:20:48,630 --> 00:20:44,559

not sure how that works

499

00:20:51,270 --> 00:20:48,640

homeopathy for covid 19 randomized trial

500

00:20:53,830 --> 00:20:51,280

shows it does not work who would have

501
00:20:58,870 --> 00:20:56,149
edzard ernst reports on a recent trial

502
00:21:00,789 --> 00:20:58,880
on homeopathy the authors of the report

503
00:21:04,549 --> 00:21:00,799
concluded that the results showed that

504
00:21:06,789 --> 00:21:04,559
natrum muriaticum lm2 was safe to use

505
00:21:08,630 --> 00:21:06,799
for coven 19 but there was no

506
00:21:11,270 --> 00:21:08,640
statistically significant difference in

507
00:21:14,789 --> 00:21:11,280
the primary endpoints of natrum

508
00:21:18,310 --> 00:21:14,799
muriaticum lm2 and placebo for mild

509
00:21:21,990 --> 00:21:18,320
covet 19 cases the full paper titled

510
00:21:23,350 --> 00:21:22,000
homeopathy for coven 19 in primary care

511
00:21:25,750 --> 00:21:23,360
a randomized double-blind

512
00:21:29,990 --> 00:21:25,760
placebo-controlled trial coveted simile

513
00:21:32,549 --> 00:21:30,000

study end quote is available for free

514

00:21:34,710 --> 00:21:32,559

conspiracy theories about the bermuda

515

00:21:37,029 --> 00:21:34,720

triangle

516

00:21:39,510 --> 00:21:37,039

popular mechanics does two bermuda

517

00:21:42,230 --> 00:21:39,520

triangle claims what it did to 911

518

00:21:45,590 --> 00:21:42,240

conspiracies takes them apart looks at

519

00:21:47,750 --> 00:21:45,600

them closely and throws most of them out

520

00:21:49,350 --> 00:21:47,760

the window with more hyperlinks per

521

00:21:53,029 --> 00:21:49,360

square inch than you can find on

522

00:21:59,110 --> 00:21:56,870

how ghosts became a national obsession

523

00:22:01,190 --> 00:21:59,120

a long and serious look at the uk

524

00:22:03,750 --> 00:22:01,200

phenomenon of increased interest in the

525

00:22:06,070 --> 00:22:03,760

paranormal and specifically ghosts and

526

00:22:09,110 --> 00:22:06,080

ufos with comment by skeptical

527

00:22:11,590 --> 00:22:09,120

researchers and paranormal investigators

528

00:22:13,270 --> 00:22:11,600

one of the latter quote i think culture

529

00:22:15,430 --> 00:22:13,280

is reflecting back the horror of our

530

00:22:17,750 --> 00:22:15,440

society the more extreme and horrific

531

00:22:20,470 --> 00:22:17,760

society is and lord knows with trump

532

00:22:22,549 --> 00:22:20,480

brexit coronavirus and ukraine it has

533

00:22:25,110 --> 00:22:22,559

been about as extreme as it gets within

534

00:22:27,750 --> 00:22:25,120

most of our lifetimes we seek ever more

535

00:22:30,230 --> 00:22:27,760

extreme forms of entertainment i noticed

536

00:22:33,270 --> 00:22:30,240

from the audiences in my podcast people

537

00:22:34,700 --> 00:22:33,280

are saying we want to feel that hit of

538

00:22:38,870 --> 00:22:34,710

fear end quote

539

00:22:43,110 --> 00:22:38,880

[Music]

540

00:22:45,830 --> 00:22:43,120

how ghosts became big business

541

00:22:48,470 --> 00:22:45,840

the daily mail has a long and considered

542

00:22:51,270 --> 00:22:48,480

article will wonders never cease on

543

00:22:53,350 --> 00:22:51,280

professional ghost hunters some use what

544

00:22:55,830 --> 00:22:53,360

they say are scientific approaches but

545

00:22:57,270 --> 00:22:55,840

they still want tour guides to show

546

00:22:59,750 --> 00:22:57,280

passion

547

00:23:02,630 --> 00:22:59,760

one hunter commented on the commercial

548

00:23:04,470 --> 00:23:02,640

tours quote it's unscientific profit

549

00:23:06,230 --> 00:23:04,480

motivated and there's an incentive to

550

00:23:08,630 --> 00:23:06,240

make sure something happens so people

551
00:23:10,710 --> 00:23:08,640
come back i'm not saying it's fake but

552
00:23:12,630 --> 00:23:10,720
some give members of the public pieces

553
00:23:14,710 --> 00:23:12,640
of kit without training them how to use

554
00:23:17,029 --> 00:23:14,720
them properly just because something

555
00:23:19,510 --> 00:23:17,039
lights up or moves doesn't necessarily

556
00:23:20,990 --> 00:23:19,520
mean anything supernatural is going on

557
00:23:23,270 --> 00:23:21,000
end quote

558
00:23:26,310 --> 00:23:23,280
[Music]

559
00:23:28,310 --> 00:23:26,320
the march 2022 issue of the skeptic is

560
00:23:30,310 --> 00:23:28,320
out and it features a look at the ticks

561
00:23:32,789 --> 00:23:30,320
and tactics of high-level athletes to

562
00:23:34,710 --> 00:23:32,799
improve their performance a combination

563
00:23:37,270 --> 00:23:34,720

of superstition and pseudoscience that

564

00:23:39,110 --> 00:23:37,280

is nonetheless very influential on fans

565

00:23:41,269 --> 00:23:39,120

and would-be champions

566

00:23:44,950 --> 00:23:41,279

the issue also features articles on what

567

00:23:47,590 --> 00:23:44,960

exactly is agenda 21 what do your own

568

00:23:50,470 --> 00:23:47,600

research entails how a well-known critic

569

00:23:52,630 --> 00:23:50,480

of parapsychology had a change of heart

570

00:23:54,950 --> 00:23:52,640

sort of and much more

571

00:23:56,710 --> 00:23:54,960

and if you haven't subscribed yet now is

572

00:23:58,870 --> 00:23:56,720

the time to do so

573

00:24:01,029 --> 00:23:58,880

contact the editor if you're not sure if

574

00:24:02,230 --> 00:24:01,039

your existing subscription needs

575

00:24:04,870 --> 00:24:02,240

renewing

576

00:24:07,110 --> 00:24:04,880

to subscribe to the skeptic go to our

577

00:24:09,909 --> 00:24:07,120

shop to sign up for a hard copy or

578

00:24:11,669 --> 00:24:09,919

digital edition or both the digital is

579

00:24:13,909 --> 00:24:11,679

offered free to those who take up the

580

00:24:19,909 --> 00:24:13,919

hard copy version just head for

581

00:24:25,510 --> 00:24:22,870

oh yay statistics it's the silliest

582

00:24:29,750 --> 00:24:25,520

statistic of the week

583

00:24:32,549 --> 00:24:29,760

ufos leave women pregnant oh good grief

584

00:24:34,310 --> 00:24:32,559

ufos had sexual encounters with humans

585

00:24:36,230 --> 00:24:34,320

and even left one woman pregnant

586

00:24:38,470 --> 00:24:36,240

witnesses have alleged

587

00:24:40,549 --> 00:24:38,480

or so the report goes following the

588

00:24:42,630 --> 00:24:40,559

release of pentagon documents obtained

589

00:24:46,070 --> 00:24:42,640

by the sun uk from the defense

590

00:24:48,630 --> 00:24:46,080

intelligence agency or dia as part of a

591

00:24:51,029 --> 00:24:48,640

freedom of information request but

592

00:24:53,190 --> 00:24:51,039

investigators at snopes asked if the

593

00:24:55,750 --> 00:24:53,200

publicly available evidence proving

594

00:24:58,230 --> 00:24:55,760

these effects were the result of ufo

595

00:25:00,390 --> 00:24:58,240

encounters it says that in the

596

00:25:03,430 --> 00:25:00,400

unclassified file listing

597

00:25:06,070 --> 00:25:03,440

quote ufo related human physiological

598

00:25:09,190 --> 00:25:06,080

effects unquote the reported effects

599

00:25:11,750 --> 00:25:09,200

included not only burns skin sores and

600

00:25:14,549 --> 00:25:11,760

significant odors but also sexual

601
00:25:16,789 --> 00:25:14,559
encounters the report listed at least

602
00:25:19,350 --> 00:25:16,799
one encounter that allegedly resulted in

603
00:25:21,990 --> 00:25:19,360
an unaccounted for pregnancy

604
00:25:24,870 --> 00:25:22,000
trouble is it's one pregnancy listed

605
00:25:27,590 --> 00:25:24,880
among many other supposed effects but

606
00:25:29,269 --> 00:25:27,600
that nonetheless was the key item of

607
00:25:31,430 --> 00:25:29,279
media coverage

608
00:25:32,390 --> 00:25:31,440
and the evidence for it

609
00:25:34,310 --> 00:25:32,400
none

610
00:25:37,190 --> 00:25:34,320
just a claim made by someone who said

611
00:25:38,549 --> 00:25:37,200
they got pregnant thanks to aliens

612
00:25:40,710 --> 00:25:38,559
we'll leave it to you to picture the

613
00:25:42,020 --> 00:25:40,720

scenario when the woman involved made

614

00:25:43,269 --> 00:25:42,030

her announcement

615

00:25:44,789 --> 00:25:43,279

[Laughter]

616

00:25:48,950 --> 00:25:44,799

oh boy

617

00:25:51,510 --> 00:25:48,960

oh fly me to the moon in an alien

618

00:25:56,370 --> 00:25:51,520

spacecraft until next time this is

619

00:25:56,380 --> 00:26:07,750

[Music]

620

00:26:11,110 --> 00:26:09,669

g'day this is dr karl karl krishninsky

621

00:26:13,510 --> 00:26:11,120

proud to be a skeptic and you can find

622

00:26:18,390 --> 00:26:13,520

out more about me at drkarl.com and get

623

00:26:30,789 --> 00:26:26,070

[Music]

624

00:26:32,880 --> 00:26:30,799

and now

625

00:26:35,590 --> 00:26:32,890

a reading from the book of tim

626
00:26:38,410 --> 00:26:35,600

[Music]

627
00:26:43,750 --> 00:26:38,420
with tim mendez

628
00:26:46,310 --> 00:26:44,630
hi

629
00:26:48,630 --> 00:26:46,320
my name is tim mendem i'm the executive

630
00:26:51,269 --> 00:26:48,640
officer of australian skeptics inc and

631
00:26:53,590 --> 00:26:51,279
editor of our magazine the skeptic which

632
00:26:55,830 --> 00:26:53,600
you can read and download most of the

633
00:26:58,870 --> 00:26:55,840
issues for free from our website

634
00:27:03,190 --> 00:27:00,870
today i'm reading part two

635
00:27:05,830 --> 00:27:03,200
of an article by marcelo costa called

636
00:27:08,630 --> 00:27:05,840
out of body out of mind on the way the

637
00:27:10,549 --> 00:27:08,640
mind manipulates our view of ourselves

638
00:27:13,269 --> 00:27:10,559

this was published in

639

00:27:16,630 --> 00:27:13,279

the march 2010 issue of the skeptic

640

00:27:18,389 --> 00:27:16,640

magazine which was volume 30 number one

641

00:27:21,269 --> 00:27:18,399

you can download that whole issue off

642

00:27:22,950 --> 00:27:21,279

our website as i mentioned

643

00:27:25,110 --> 00:27:22,960

the part one covered uh sort of strange

644

00:27:26,789 --> 00:27:25,120

phenomena that our our mind can

645

00:27:29,590 --> 00:27:26,799

influence us to believe that we have

646

00:27:31,590 --> 00:27:29,600

phantom limbs or no limbs or that we are

647

00:27:32,950 --> 00:27:31,600

dead or various other things so it can

648

00:27:35,029 --> 00:27:32,960

be quite scary at times but this one

649

00:27:37,110 --> 00:27:35,039

looks at um our awareness of being in

650

00:27:38,710 --> 00:27:37,120

the world here and now

651
00:27:40,950 --> 00:27:38,720
when everything works well and we feel

652
00:27:43,430 --> 00:27:40,960
that our body fits like a glove we then

653
00:27:45,909 --> 00:27:43,440
feel part of a surrounding world

654
00:27:47,350 --> 00:27:45,919
we feel that we are here and now

655
00:27:49,029 --> 00:27:47,360
this feeling also involves an

656
00:27:51,510 --> 00:27:49,039
extraordinary integration of external

657
00:27:53,590 --> 00:27:51,520
sensory experiences combined together in

658
00:27:55,830 --> 00:27:53,600
the brain to give us the sense of being

659
00:27:58,870 --> 00:27:55,840
in a real world but what happens if the

660
00:28:00,230 --> 00:27:58,880
brain makes up some sensory experiences

661
00:28:02,710 --> 00:28:00,240
these are called hallucinations and

662
00:28:05,190 --> 00:28:02,720
hallucinations can be defined as any

663
00:28:07,350 --> 00:28:05,200

perceptual experience in the absence of

664

00:28:09,590 --> 00:28:07,360

external stimuli and must be

665

00:28:11,350 --> 00:28:09,600

sufficiently compelling to be considered

666

00:28:12,789 --> 00:28:11,360

a true perception

667

00:28:15,110 --> 00:28:12,799

there are many different conditions that

668

00:28:16,870 --> 00:28:15,120

can create hallucinations including

669

00:28:17,990 --> 00:28:16,880

things like psychedelic drugs such as

670

00:28:22,710 --> 00:28:18,000

lsd

671

00:28:25,029 --> 00:28:22,720

activates the neurochemical processes in

672

00:28:27,110 --> 00:28:25,039

the brain involved in the building of a

673

00:28:28,950 --> 00:28:27,120

realistic experience

674

00:28:32,470 --> 00:28:28,960

it stimulates the action of the

675

00:28:34,950 --> 00:28:32,480

endogenous transmitter serotonin

676

00:28:37,510 --> 00:28:34,960

its powerful action not only produces

677

00:28:39,350 --> 00:28:37,520

rich visual hallucinations but can also

678

00:28:43,269 --> 00:28:39,360

disrupt the very fabric of the

679

00:28:47,350 --> 00:28:45,269

the ease with which our experience of

680

00:28:49,750 --> 00:28:47,360

reality can be disrupted by merely

681

00:28:51,269 --> 00:28:49,760

changing a tiny chemical in the brain

682

00:28:53,029 --> 00:28:51,279

suggests that the normal functioning of

683

00:28:55,830 --> 00:28:53,039

the brain nerve cells

684

00:28:57,990 --> 00:28:55,840

weaves the very experience of reality

685

00:28:59,909 --> 00:28:58,000

usually in a way that is consistent with

686

00:29:01,990 --> 00:28:59,919

what is out there

687

00:29:04,710 --> 00:29:02,000

disruption of such processes is likely

688

00:29:06,950 --> 00:29:04,720

to result in abnormal experiences

689

00:29:09,909 --> 00:29:06,960

such as happens in schizophrenia and

690

00:29:13,510 --> 00:29:09,919

other mental disorders or as a result of

691

00:29:15,110 --> 00:29:13,520

other psychotropic drugs

692

00:29:16,789 --> 00:29:15,120

lesions of some parts of the right

693

00:29:18,710 --> 00:29:16,799

parietal cortex caused by some

694

00:29:20,870 --> 00:29:18,720

neurological disorders

695

00:29:22,950 --> 00:29:20,880

lead to strange behavior

696

00:29:25,029 --> 00:29:22,960

patients do not appear to be aware of

697

00:29:27,669 --> 00:29:25,039

any object in the external world on the

698

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

left of their visual field despite not

699

00:29:31,430 --> 00:29:29,200

being blind

700

00:29:33,909 --> 00:29:31,440

this spatial neglect discovered by

701
00:29:35,510 --> 00:29:33,919
italian neurologists a few decades ago

702
00:29:37,669 --> 00:29:35,520
open a new perspective in the

703
00:29:40,470 --> 00:29:37,679
understanding that it is the brain that

704
00:29:43,510 --> 00:29:40,480
constructs in a very crafty way our

705
00:29:45,430 --> 00:29:43,520
experience of what is out there

706
00:29:47,190 --> 00:29:45,440
what happens if there is some

707
00:29:50,310 --> 00:29:47,200
cross wiring between the different

708
00:29:52,470 --> 00:29:50,320
sensory components the result is a

709
00:29:54,470 --> 00:29:52,480
mixing up of experiences with sound

710
00:29:57,190 --> 00:29:54,480
being felt like colors and perhaps vice

711
00:29:59,110 --> 00:29:57,200
versa shapes and colors felt as sound

712
00:30:01,510 --> 00:29:59,120
synesthesia the term used to describe

713
00:30:03,830 --> 00:30:01,520

this odd situation is a relatively

714

00:30:05,990 --> 00:30:03,840

common condition probably due to the

715

00:30:08,310 --> 00:30:06,000

excess growth of neural connections

716

00:30:10,389 --> 00:30:08,320

between different parts of the brain

717

00:30:13,110 --> 00:30:10,399

small changes in the expression of the

718

00:30:15,350 --> 00:30:13,120

genes involved in the normal wiring of

719

00:30:17,590 --> 00:30:15,360

the growing brain are probably

720

00:30:20,310 --> 00:30:17,600

responsible for this increased

721

00:30:23,510 --> 00:30:20,320

creativity and perceptive imagination

722

00:30:26,549 --> 00:30:23,520

may be the positive side of synesthesia

723

00:30:28,149 --> 00:30:26,559

however as the human brain evolved there

724

00:30:30,070 --> 00:30:28,159

must be a delicate balance between

725

00:30:32,710 --> 00:30:30,080

experiencing just enough of what is

726
00:30:33,830 --> 00:30:32,720
there and enriching the experience too

727
00:30:35,750 --> 00:30:33,840
much

728
00:30:37,590 --> 00:30:35,760
for survival the brain must be able to

729
00:30:39,830 --> 00:30:37,600
establish quickly

730
00:30:41,750 --> 00:30:39,840
if what is out there is similar or

731
00:30:43,350 --> 00:30:41,760
different from what has been experienced

732
00:30:45,430 --> 00:30:43,360
before

733
00:30:47,269 --> 00:30:45,440
this is an ongoing process of checking

734
00:30:49,110 --> 00:30:47,279
and comparing memory events against new

735
00:30:50,710 --> 00:30:49,120
experiences the part of the brain

736
00:30:53,430 --> 00:30:50,720
involved in this delicate process is the

737
00:30:54,950 --> 00:30:53,440
hippocampus seahorse-shaped part of the

738
00:30:58,149 --> 00:30:54,960

cortex

739

00:31:00,389 --> 00:30:58,159

researchers at mit university in america

740

00:31:02,149 --> 00:31:00,399

genetically modified in mice some

741

00:31:04,549 --> 00:31:02,159

mechanism of communication between

742

00:31:06,389 --> 00:31:04,559

neurons involved in the process by which

743

00:31:08,630 --> 00:31:06,399

animals know where they are

744

00:31:10,630 --> 00:31:08,640

the result was an impairment in

745

00:31:13,190 --> 00:31:10,640

distinguishing between two similar but

746

00:31:14,870 --> 00:31:13,200

not identical environments this process

747

00:31:17,909 --> 00:31:14,880

may be the basis of the phenomenon of

748

00:31:20,230 --> 00:31:17,919

deja vu from the french already seen or

749

00:31:22,310 --> 00:31:20,240

lived that is experienced by a majority

750

00:31:23,350 --> 00:31:22,320

of normal individuals in some moments of

751
00:31:25,350 --> 00:31:23,360
their lives

752
00:31:27,990 --> 00:31:25,360
the sense of having seen something that

753
00:31:29,669 --> 00:31:28,000
has already been seen is a small shift

754
00:31:32,710 --> 00:31:29,679
in the ability to distinguish what is

755
00:31:34,310 --> 00:31:32,720
new and what is familiar the feeling of

756
00:31:36,470 --> 00:31:34,320
some individuals that they can predict

757
00:31:38,710 --> 00:31:36,480
the future is probably a similar small

758
00:31:41,909 --> 00:31:38,720
step further and reveals the subtle

759
00:31:43,509 --> 00:31:41,919
ongoing processes that bind us to a safe

760
00:31:45,909 --> 00:31:43,519
here and now

761
00:31:48,310 --> 00:31:45,919
the mysticism about reincarnation and

762
00:31:50,549 --> 00:31:48,320
past life experiences may reflect

763
00:31:52,789 --> 00:31:50,559

similar processes

764

00:31:54,870 --> 00:31:52,799

the whole issue is that being in control

765

00:31:57,190 --> 00:31:54,880

the most ingrained feeling of being a

766

00:31:58,789 --> 00:31:57,200

self is that of being in control of our

767

00:32:01,269 --> 00:31:58,799

own actions

768

00:32:04,149 --> 00:32:01,279

awareness of moving involves predicting

769

00:32:07,430 --> 00:32:04,159

the consequences in planning movements

770

00:32:09,430 --> 00:32:07,440

using ongoing sensory information

771

00:32:11,669 --> 00:32:09,440

we are aware of the movements we intend

772

00:32:14,470 --> 00:32:11,679

to make rather than those we actually

773

00:32:16,950 --> 00:32:14,480

make we are just ahead of time

774

00:32:18,870 --> 00:32:16,960

when we move as the feedback is too slow

775

00:32:20,789 --> 00:32:18,880

to give us the appropriate awareness

776

00:32:22,870 --> 00:32:20,799

tampering with this brain process leads

777

00:32:25,909 --> 00:32:22,880

to feelings of either not being in

778

00:32:28,230 --> 00:32:25,919

control or delusions of control

779

00:32:30,549 --> 00:32:28,240

the bizarre feeling that one's hand

780

00:32:32,950 --> 00:32:30,559

takes on a mind of its own is known as

781

00:32:35,350 --> 00:32:32,960

the alien hand syndrome

782

00:32:37,350 --> 00:32:35,360

this occurs in cases where a person has

783

00:32:39,830 --> 00:32:37,360

had the two hemispheres of their brain

784

00:32:41,909 --> 00:32:39,840

surgically separated a procedure

785

00:32:44,950 --> 00:32:41,919

sometimes used to relieve the symptoms

786

00:32:47,190 --> 00:32:44,960

of extreme cases of epilepsy

787

00:32:49,830 --> 00:32:47,200

it also occurs in some cases after other

788

00:32:52,630 --> 00:32:49,840

brain surgery strokes or infections

789

00:32:55,029 --> 00:32:52,640

the inability to distinguish self and

790

00:32:57,430 --> 00:32:55,039

externally produced actions is reported

791

00:32:59,190 --> 00:32:57,440

by many psychiatric patients

792

00:33:02,070 --> 00:32:59,200

these probably have disorders of those

793

00:33:04,710 --> 00:33:02,080

areas of the medial motor frontal region

794

00:33:06,870 --> 00:33:04,720

of the brain and parietal lobe where the

795

00:33:09,269 --> 00:33:06,880

integration of agency is built

796

00:33:11,909 --> 00:33:09,279

an alien hand feeling can be elicited in

797

00:33:14,470 --> 00:33:11,919

normal people by hypnosis and by some

798

00:33:16,549 --> 00:33:14,480

clever laboratory manipulation of visual

799

00:33:18,710 --> 00:33:16,559

and touch stimuli

800

00:33:21,269 --> 00:33:18,720

accounts of alien abductions are more

801
00:33:23,590 --> 00:33:21,279
likely to represent the extreme examples

802
00:33:25,269 --> 00:33:23,600
of such an illusion

803
00:33:27,509 --> 00:33:25,279
hearing voices as coming from other

804
00:33:29,269 --> 00:33:27,519
beings is a common hallucination in

805
00:33:32,310 --> 00:33:29,279
schizophrenic patients and is probably

806
00:33:34,310 --> 00:33:32,320
due to misattribution of inner speech

807
00:33:36,230 --> 00:33:34,320
in many ancient cultures the experience

808
00:33:38,389 --> 00:33:36,240
of auditory verbal hallucinations or

809
00:33:40,470 --> 00:33:38,399
hearing voices was considered a message

810
00:33:41,750 --> 00:33:40,480
from the gods or other spiritual

811
00:33:43,909 --> 00:33:41,760
entities

812
00:33:45,830 --> 00:33:43,919
a lot of popular and religious cultures

813
00:33:47,830 --> 00:33:45,840

have taken these phenomena as evidence

814

00:33:48,789 --> 00:33:47,840

of the separation of a soul from the

815

00:33:50,950 --> 00:33:48,799

body

816

00:33:53,029 --> 00:33:50,960

more natural explanations on the basis

817

00:33:55,350 --> 00:33:53,039

of neural circuits of the brain and

818

00:33:58,470 --> 00:33:55,360

their interconnections are beginning to

819

00:34:00,470 --> 00:33:58,480

replace such supernatural explanations

820

00:34:02,470 --> 00:34:00,480

extraordinary experiences

821

00:34:04,950 --> 00:34:02,480

mentioned in this article and as i have

822

00:34:06,630 --> 00:34:04,960

covered in these two presentations

823

00:34:09,190 --> 00:34:06,640

represent a window into the hidden

824

00:34:11,349 --> 00:34:09,200

working of the brain we as individual

825

00:34:13,510 --> 00:34:11,359

persons are made up in a continuous

826

00:34:16,230 --> 00:34:13,520

fashion by the interaction between our

827

00:34:18,389 --> 00:34:16,240

brain body and environment binding these

828

00:34:20,149 --> 00:34:18,399

different threads of experiences into

829

00:34:22,149 --> 00:34:20,159

one

830

00:34:23,669 --> 00:34:22,159

the early interest of philosophers such

831

00:34:27,190 --> 00:34:23,679

as satra

832

00:34:29,750 --> 00:34:27,200

hussein heidegger etc in the field of

833

00:34:32,069 --> 00:34:29,760

subjectivity and self-awareness begins

834

00:34:35,030 --> 00:34:32,079

to become a legitimate subject of

835

00:34:36,869 --> 00:34:35,040

investigations by neuroscientists

836

00:34:38,950 --> 00:34:36,879

it takes about half a second for neural

837

00:34:40,470 --> 00:34:38,960

activity to generate a conscious

838

00:34:43,109 --> 00:34:40,480

experience

839

00:34:45,270 --> 00:34:43,119

during this time millions of signals in

840

00:34:47,589 --> 00:34:45,280

parallel spread in the networks of

841

00:34:49,669 --> 00:34:47,599

neurons bringing together all this into

842

00:34:52,069 --> 00:34:49,679

one unified state associated with the

843

00:34:53,829 --> 00:34:52,079

strong experience of being a unified in

844

00:34:56,310 --> 00:34:53,839

controlled self is one of the most

845

00:34:59,430 --> 00:34:56,320

dramatic events in biology and one that

846

00:35:01,430 --> 00:34:59,440

happens continuously in every human as a

847

00:35:04,470 --> 00:35:01,440

result of ongoing interaction with our

848

00:35:06,150 --> 00:35:04,480

organism brain and body in a lifelong

849

00:35:09,190 --> 00:35:06,160

dance with the environment

850

00:35:11,430 --> 00:35:09,200

however given the ease of tampering with

851
00:35:13,910 --> 00:35:11,440
the self this raises all sorts of

852
00:35:15,670 --> 00:35:13,920
questions such as how can we be sure

853
00:35:18,870 --> 00:35:15,680
that we are capable of making free

854
00:35:19,829 --> 00:35:18,880
decisions are we automatons without free

855
00:35:21,589 --> 00:35:19,839
will

856
00:35:23,829 --> 00:35:21,599
the decision of the answers to such

857
00:35:25,170 --> 00:35:23,839
issues could be pursued in future

858
00:35:30,150 --> 00:35:25,180
discussions

859
00:35:35,510 --> 00:35:31,750
and that's out of body out of mind part

860
00:35:38,950 --> 00:35:35,520
two from the skeptic magazine march 2010

861
00:35:40,630 --> 00:35:38,960
or volume 30 number one which you can

862
00:35:42,390 --> 00:35:40,640
download for free and that whole issue

863
00:35:44,069 --> 00:35:42,400

of the magazine and most other issues

864

00:35:47,750 --> 00:35:44,079

with the skeptic as well from our

865

00:35:50,830 --> 00:35:47,760

website skeptics.com

866

00:36:06,550 --> 00:35:50,840

happy reading

867

00:36:09,910 --> 00:36:08,870

hello this is rob palmer you may have

868

00:36:11,670 --> 00:36:09,920

heard of me

869

00:36:13,430 --> 00:36:11,680

lately i've been interviewing scientists

870

00:36:15,109 --> 00:36:13,440

skeptics and other critical thinkers

871

00:36:18,069 --> 00:36:15,119

from around the world for my column in

872

00:36:21,990 --> 00:36:18,079

the skeptical inquirer and recently some

873

00:36:25,510 --> 00:36:23,829

my written interviews have included j

874

00:36:26,390 --> 00:36:25,520

novella from the skeptic's guide to the

875

00:36:28,710 --> 00:36:26,400

universe

876

00:36:31,430 --> 00:36:28,720

mass psychogenic illness expert robert

877

00:36:32,710 --> 00:36:31,440

bartholomew celestia ward from squaring

878

00:36:35,910 --> 00:36:32,720

the strange

879

00:36:38,069 --> 00:36:35,920

psychic busting private eye bob nygard

880

00:36:41,030 --> 00:36:38,079

skeptical activist michael marshall of

881

00:36:43,430 --> 00:36:41,040

the uk and even secular activists bailly

882

00:36:44,630 --> 00:36:43,440

harris and john delancey that's cue from

883

00:36:46,390 --> 00:36:44,640

star trek

884

00:36:47,829 --> 00:36:46,400

i even interviewed believe it or not a

885

00:36:50,310 --> 00:36:47,839

magic dragon

886

00:36:51,990 --> 00:36:50,320

and another really well-known skeptic

887

00:36:54,150 --> 00:36:52,000

richard saunders

888

00:36:56,710 --> 00:36:54,160

you can find my online column with these

889

00:36:58,870 --> 00:36:56,720

interviews and more by googling the

890

00:37:00,230 --> 00:36:58,880

well-known skeptic plus skeptical

891

00:37:02,310 --> 00:37:00,240

inquire

892

00:37:04,930 --> 00:37:02,320

also follow me on facebook at the

893

00:37:16,230 --> 00:37:04,940

well-known skeptic cheers

894

00:37:25,430 --> 00:37:18,900

so

895

00:37:31,390 --> 00:37:27,510

and now it's time once again to run back

896

00:37:35,030 --> 00:37:33,670

trove.nla.gov.au the online resource

897

00:37:36,310 --> 00:37:35,040

from the australian government at the

898

00:37:38,230 --> 00:37:36,320

national library of australia

899

00:37:39,670 --> 00:37:38,240

chock-a-block fall to the brim

900

00:37:43,270 --> 00:37:39,680

overflowing

901
00:37:44,870 --> 00:37:43,280
with digitised scans

902
00:37:47,670 --> 00:37:44,880
digitized scans something like that

903
00:37:49,829 --> 00:37:47,680
newspapers articles reports periodicals

904
00:37:51,910 --> 00:37:49,839
journals and so on going back decades

905
00:37:53,430 --> 00:37:51,920
and decades even centuries

906
00:37:55,430 --> 00:37:53,440
and this week

907
00:37:57,589 --> 00:37:55,440
this week in keeping with our

908
00:38:00,230 --> 00:37:57,599
general theme of looking at skeptical

909
00:38:01,349 --> 00:38:00,240
items hardly a surprise on the skeptic

910
00:38:03,910 --> 00:38:01,359
zone

911
00:38:06,310 --> 00:38:03,920
we're going to look at references in

912
00:38:07,589 --> 00:38:06,320
australian newspaper history

913
00:38:11,430 --> 00:38:07,599

to

914

00:38:16,710 --> 00:38:14,310

[Music]

915

00:38:19,030 --> 00:38:16,720

now we often

916

00:38:20,950 --> 00:38:19,040

say here at the skeptics and other

917

00:38:23,750 --> 00:38:20,960

skeptical groups i've noticed

918

00:38:26,870 --> 00:38:23,760

the initials n d

919

00:38:29,270 --> 00:38:26,880

after a naturopath stand for

920

00:38:31,430 --> 00:38:29,280

not a doctor

921

00:38:34,470 --> 00:38:31,440

and i think one of the broadest problems

922

00:38:36,150 --> 00:38:34,480

people have with the naturopaths is

923

00:38:39,510 --> 00:38:36,160

they have

924

00:38:45,190 --> 00:38:39,520

training

925

00:38:47,990 --> 00:38:45,200

wildly off the rails and dives into

926
00:38:50,790 --> 00:38:48,000
unproven therapies like uridology

927
00:38:52,390 --> 00:38:50,800
homeopathy reflexology

928
00:38:55,589 --> 00:38:52,400
and such like

929
00:38:59,230 --> 00:38:55,599
energy medicine things like this

930
00:39:02,470 --> 00:38:59,240
and before we go a quick look over at uh

931
00:39:04,710 --> 00:39:02,480
naturowatch which is part of quack watch

932
00:39:06,710 --> 00:39:04,720
many naturopathic theories and practices

933
00:39:08,950 --> 00:39:06,720
are not based on the body of basic

934
00:39:10,870 --> 00:39:08,960
knowledge related to health disease and

935
00:39:13,750 --> 00:39:10,880
health care which have been widely

936
00:39:16,630 --> 00:39:13,760
accepted by the scientific community

937
00:39:19,190 --> 00:39:16,640
moreover naturopathic education does not

938
00:39:20,790 --> 00:39:19,200

prepare practitioners to make adequate

939

00:39:23,670 --> 00:39:20,800

diagnoses

940

00:39:25,670 --> 00:39:23,680

and provide appropriate treatment

941

00:39:27,349 --> 00:39:25,680

this website provides information about

942

00:39:29,910 --> 00:39:27,359

naturopathy

943

00:39:31,349 --> 00:39:29,920

that is difficult or impossible to find

944

00:39:33,030 --> 00:39:31,359

elsewhere

945

00:39:35,190 --> 00:39:33,040

and one of the links there says read

946

00:39:36,470 --> 00:39:35,200

this first all right it brings us to a

947

00:39:39,670 --> 00:39:36,480

page

948

00:39:40,829 --> 00:39:39,680

by uh stephen barrett md called a close

949

00:39:43,829 --> 00:39:40,839

look at

950

00:39:47,750 --> 00:39:43,839

naturopathy or naturopathy depending on

951
00:39:53,190 --> 00:39:50,630
naturopathy sometimes referred to as

952
00:39:55,990 --> 00:39:53,200
quote natural medicine and quote is a

953
00:39:57,589 --> 00:39:56,000
largely pseudoscientific approach said

954
00:39:59,430 --> 00:39:57,599
to quote

955
00:40:00,470 --> 00:39:59,440
assist nature

956
00:40:03,030 --> 00:40:00,480
and

957
00:40:05,109 --> 00:40:03,040
support the body's own innate capacity

958
00:40:07,430 --> 00:40:05,119
to achieve optimal health

959
00:40:08,630 --> 00:40:07,440
and facilitate the body's

960
00:40:11,790 --> 00:40:08,640
inherent

961
00:40:15,589 --> 00:40:11,800
healing mechanisms

962
00:40:18,550 --> 00:40:15,599
naturopaths assert that diseases are the

963
00:40:21,030 --> 00:40:18,560

body's effort to purify itself

964

00:40:22,829 --> 00:40:21,040

and that cures result from increasing

965

00:40:25,030 --> 00:40:22,839

the patient's

966

00:40:26,550 --> 00:40:25,040

vital force

967

00:40:28,870 --> 00:40:26,560

they claim to stimulate the body's

968

00:40:32,950 --> 00:40:28,880

natural healing processes by

969

00:40:35,030 --> 00:40:32,960

ridding it of waste products and toxins

970

00:40:37,510 --> 00:40:35,040

at first glance this approach may appear

971

00:40:39,510 --> 00:40:37,520

sensible however a close look will show

972

00:40:41,910 --> 00:40:39,520

that naturopathy's

973

00:40:45,030 --> 00:40:41,920

philosophy is simplistic

974

00:40:46,309 --> 00:40:45,040

and that its practices are riddled with

975

00:40:49,589 --> 00:40:46,319

quackery

976

00:40:51,190 --> 00:40:49,599

as i said before often things like uh

977

00:40:54,230 --> 00:40:51,200

iridology

978

00:40:56,790 --> 00:40:54,240

and homeopathy

979

00:40:58,790 --> 00:40:56,800

and that is a lengthy item

980

00:41:01,430 --> 00:40:58,800

well worth your time to read and i'll

981

00:41:03,109 --> 00:41:01,440

link to that in this week's show notes

982

00:41:06,309 --> 00:41:03,119

and of course you may recall the story

983

00:41:08,309 --> 00:41:06,319

of britta hermes who studied as a

984

00:41:09,990 --> 00:41:08,319

naturopath until she discovered the

985

00:41:11,750 --> 00:41:10,000

glaring problems

986

00:41:14,870 --> 00:41:11,760

in the whole system

987

00:41:17,670 --> 00:41:14,880

and then was sued

988

00:41:20,309 --> 00:41:17,680

for her remarks about naturopathy

989

00:41:22,630 --> 00:41:20,319

and the skeptics some years ago came to

990

00:41:24,150 --> 00:41:22,640

her aid and she eventually won her court

991

00:41:26,390 --> 00:41:24,160

case

992

00:41:27,829 --> 00:41:26,400

but flicking back to trove now let's

993

00:41:30,390 --> 00:41:27,839

discover

994

00:41:32,069 --> 00:41:30,400

what we can find here

995

00:41:34,309 --> 00:41:32,079

let's find what we can discover let's

996

00:41:37,270 --> 00:41:34,319

discover what we can find and here's a

997

00:41:40,390 --> 00:41:37,280

reference here's an item from the

998

00:41:42,069 --> 00:41:40,400

times victor harbour south australia and

999

00:41:44,069 --> 00:41:42,079

i seem to remember we've quoted from

1000

00:41:47,190 --> 00:41:44,079

this newspaper before

1001
00:41:49,589 --> 00:41:47,200
uh and this is dated the 20th of june

1002
00:41:51,670 --> 00:41:49,599
1995

1003
00:41:52,790 --> 00:41:51,680
under the banner healthy life

1004
00:41:54,870 --> 00:41:52,800
herbs

1005
00:41:57,270 --> 00:41:54,880
an alternative cure

1006
00:42:00,710 --> 00:41:57,280
sometimes even the most outstanding

1007
00:42:02,950 --> 00:42:00,720
doctors can't find a cure for your blues

1008
00:42:04,790 --> 00:42:02,960
you may have a recurring illness

1009
00:42:05,990 --> 00:42:04,800
feel generally sick

1010
00:42:07,829 --> 00:42:06,000
or be

1011
00:42:10,710 --> 00:42:07,839
constantly tired

1012
00:42:13,510 --> 00:42:10,720
undiagnosed illnesses can not only be

1013
00:42:15,829 --> 00:42:13,520

frustrating but can lead to depression

1014

00:42:17,109 --> 00:42:15,839

and lack of confidence and low

1015

00:42:19,030 --> 00:42:17,119

self-esteem

1016

00:42:21,589 --> 00:42:19,040

if treatments don't seem to be working

1017

00:42:23,670 --> 00:42:21,599

it may be time to try a different type

1018

00:42:26,309 --> 00:42:23,680

of therapy

1019

00:42:29,430 --> 00:42:26,319

naturopaths are becoming more and more

1020

00:42:31,910 --> 00:42:29,440

accepted by the broader community

1021

00:42:34,870 --> 00:42:31,920

no longer are herbal concoctions thought

1022

00:42:37,589 --> 00:42:34,880

of as witches brews

1023

00:42:39,670 --> 00:42:37,599

even though there are still skeptics

1024

00:42:40,790 --> 00:42:39,680

a visit to the naturopath can seem bit

1025

00:42:42,470 --> 00:42:40,800

strange

1026

00:42:44,390 --> 00:42:42,480

even daunting

1027

00:42:46,309 --> 00:42:44,400

you will be faced with a barrage of

1028

00:42:49,030 --> 00:42:46,319

questions about your general health

1029

00:42:51,030 --> 00:42:49,040

health history way of life and even

1030

00:42:53,670 --> 00:42:51,040

family background but all the

1031

00:42:54,790 --> 00:42:53,680

information is used to create a profile

1032

00:42:57,190 --> 00:42:54,800

of you

1033

00:43:01,030 --> 00:42:57,200

instead of the usual checkup routine and

1034

00:43:02,550 --> 00:43:01,040

naturopath looks into your eyes

1035

00:43:04,309 --> 00:43:02,560

there you go

1036

00:43:07,270 --> 00:43:04,319

looks into your eyes to get an idea

1037

00:43:09,349 --> 00:43:07,280

about the body's state of health

1038

00:43:11,750 --> 00:43:09,359

this is called iridology i swear i

1039

00:43:14,309 --> 00:43:11,760

didn't i didn't look this up before i

1040

00:43:17,270 --> 00:43:14,319

made my comments before but there you go

1041

00:43:19,750 --> 00:43:17,280

this is called iridology and involves

1042

00:43:21,589 --> 00:43:19,760

viewing the iris of the eye and gaining

1043

00:43:24,069 --> 00:43:21,599

an understanding of the person's

1044

00:43:27,190 --> 00:43:24,079

constitution what can be read from the

1045

00:43:29,030 --> 00:43:27,200

eyes can be quite amazing the naturopath

1046

00:43:31,990 --> 00:43:29,040

will be able to tell you things about

1047

00:43:37,030 --> 00:43:32,000

your health which you haven't revealed

1048

00:43:40,950 --> 00:43:38,790

it's quite strange to be told that you

1049

00:43:44,069 --> 00:43:40,960

get thirsty a lot or you don't get much

1050

00:43:45,750 --> 00:43:44,079

exercise from having someone look in

1051
00:43:48,470 --> 00:43:45,760
your eyes

1052
00:43:50,390 --> 00:43:48,480
but it does give clients a faith in

1053
00:43:53,270 --> 00:43:50,400
their naturopath knowledge

1054
00:43:55,990 --> 00:43:53,280
and the prescribed treatment

1055
00:43:58,550 --> 00:43:56,000
in many cases the naturopath will mix up

1056
00:44:00,870 --> 00:43:58,560
a course of herbal medicine

1057
00:44:04,150 --> 00:44:00,880
concocted from a number of herbal

1058
00:44:06,790 --> 00:44:04,160
solutions which are combined and bottled

1059
00:44:09,349 --> 00:44:06,800
each person has their medicine made

1060
00:44:12,069 --> 00:44:09,359
just to suit them

1061
00:44:16,390 --> 00:44:12,079
it may seem that treatment isn't working

1062
00:44:22,150 --> 00:44:19,270
but it is important to persevere

1063
00:44:25,589 --> 00:44:22,160

a lifelong ailment could take months to

1064

00:44:27,670 --> 00:44:25,599

be reversed or even subdued

1065

00:44:30,309 --> 00:44:27,680

eventually the entire mind body and

1066

00:44:31,589 --> 00:44:30,319

spirit should feel the benefits of

1067

00:44:33,190 --> 00:44:31,599

natural

1068

00:44:37,190 --> 00:44:33,200

medicine

1069

00:44:40,710 --> 00:44:37,200

and the accompanying photograph of a

1070

00:44:41,589 --> 00:44:40,720

a woman holding up a bottle it appears

1071

00:44:44,470 --> 00:44:41,599

to be

1072

00:44:46,630 --> 00:44:44,480

port elliot naturopath anna mcvoy

1073

00:44:49,829 --> 00:44:46,640

can tell you plenty about your state of

1074

00:44:52,069 --> 00:44:49,839

health by looking into your eyes

1075

00:44:53,109 --> 00:44:52,079

and now we turn to the telegraph which

1076

00:44:57,910 --> 00:44:53,119

was

1077

00:45:00,870 --> 00:44:57,920

published in brisbane queensland in 1946

1078

00:45:03,910 --> 00:45:00,880

on the 14th of may

1079

00:45:06,069 --> 00:45:03,920

naturopath charged with fraud

1080

00:45:09,349 --> 00:45:06,079

allegations that john charles mcgregor

1081

00:45:11,589 --> 00:45:09,359

54 naturopath had falsely pretended to a

1082

00:45:14,069 --> 00:45:11,599

woman that he could diagnose certain

1083

00:45:15,510 --> 00:45:14,079

ills by means of an optical instrument

1084

00:45:17,670 --> 00:45:15,520

inspection

1085

00:45:19,190 --> 00:45:17,680

and that he had the ability to cure her

1086

00:45:22,150 --> 00:45:19,200

with tablets

1087

00:45:25,270 --> 00:45:22,160

were made in the criminal court today

1088

00:45:28,069 --> 00:45:25,280

mcgregor pleaded not guilty to a charge

1089

00:45:31,349 --> 00:45:28,079

of false pretenses the indictment

1090

00:45:34,230 --> 00:45:31,359

alleged that mcgregor on or about august

1091

00:45:38,710 --> 00:45:34,240

1st had obtained seven and six for a

1092

00:45:42,309 --> 00:45:38,720

bottle of tablets from helen swindles

1093

00:45:46,069 --> 00:45:42,319

and i'm not making that name up swindles

1094

00:45:49,589 --> 00:45:46,079

helen swindles with intent there by to

1095

00:45:50,550 --> 00:45:49,599

defraud and he pretended to her that he

1096

00:45:53,589 --> 00:45:50,560

could

1097

00:45:55,750 --> 00:45:53,599

diagnose certain ills from which she was

1098

00:45:59,430 --> 00:45:55,760

then suffering and

1099

00:46:02,630 --> 00:45:59,440

he had so diagnosed a bad liver and a

1100

00:46:05,510 --> 00:46:02,640

tumor behind her right eye and that he

1101
00:46:06,550 --> 00:46:05,520
had the ability to cure the ills with

1102
00:46:10,230 --> 00:46:06,560
tablets

1103
00:46:12,630 --> 00:46:10,240
the crown prosecutor mr c j cosgrove

1104
00:46:15,270 --> 00:46:12,640
said evidence would be given

1105
00:46:18,470 --> 00:46:15,280
that mcgregor had told mrs swindles that

1106
00:46:21,270 --> 00:46:18,480
her blood pressure was 190 and if it had

1107
00:46:22,230 --> 00:46:21,280
reached 235 she would suffer a stroke

1108
00:46:26,150 --> 00:46:22,240
and die

1109
00:46:29,109 --> 00:46:26,160
and that unless he dissolved the tumor

1110
00:46:31,829 --> 00:46:29,119
behind her right eye she would go blind

1111
00:46:34,550 --> 00:46:31,839
he had told her that her liver was in a

1112
00:46:37,349 --> 00:46:34,560
bad condition said council

1113
00:46:39,030 --> 00:46:37,359

the hearing is before mr justice brennan

1114

00:46:42,390 --> 00:46:39,040

and the jury

1115

00:46:45,030 --> 00:46:42,400

mr rex king instructed by mesus

1116

00:46:46,550 --> 00:46:45,040

richardson carter and co appeared for

1117

00:46:48,550 --> 00:46:46,560

mcgregor

1118

00:46:50,150 --> 00:46:48,560

part heard

1119

00:46:52,150 --> 00:46:50,160

that's interesting i wonder if we can

1120

00:46:54,829 --> 00:46:52,160

follow this story up

1121

00:46:57,510 --> 00:46:54,839

and indeed i have

1122

00:47:00,150 --> 00:46:57,520

discovered what happened here

1123

00:47:04,309 --> 00:47:00,160

in the same newspaper the telegraph

1124

00:47:07,589 --> 00:47:04,319

dated the 15th of may 1946

1125

00:47:10,390 --> 00:47:07,599

naturopath not guilty of false pretenses

1126
00:47:13,109 --> 00:47:10,400
john charles mcgregor 54 naturopath was

1127
00:47:15,750 --> 00:47:13,119
discharged in the criminal court today

1128
00:47:17,829 --> 00:47:15,760
after a jury found him not guilty of a

1129
00:47:20,710 --> 00:47:17,839
charge of false pretenses the jury

1130
00:47:23,829 --> 00:47:20,720
retired for only six minutes

1131
00:47:27,750 --> 00:47:23,839
summing up for the jury his honor said

1132
00:47:29,510 --> 00:47:27,760
it was a most extraordinary and

1133
00:47:31,829 --> 00:47:29,520
unfortunate case

1134
00:47:34,549 --> 00:47:31,839
which had lasted four days at the first

1135
00:47:36,950 --> 00:47:34,559
hearing and two days at the second in

1136
00:47:40,630 --> 00:47:36,960
addition to involving considerable

1137
00:47:44,069 --> 00:47:40,640
expense over a man who had practiced

1138
00:47:45,990 --> 00:47:44,079

homeopathy over a number of years

1139

00:47:48,230 --> 00:47:46,000

there was a medical act which covered

1140

00:47:50,710 --> 00:47:48,240

offenses of persons who practiced

1141

00:47:52,710 --> 00:47:50,720

medical treatment without possessing the

1142

00:47:55,510 --> 00:47:52,720

necessary qualifications

1143

00:47:56,870 --> 00:47:55,520

and if it did not go

1144

00:47:59,030 --> 00:47:56,880

far enough

1145

00:48:00,470 --> 00:47:59,040

an amendment would be introduced by

1146

00:48:02,309 --> 00:48:00,480

legislation

1147

00:48:04,470 --> 00:48:02,319

said his honor

1148

00:48:07,349 --> 00:48:04,480

it did not seem right to use the

1149

00:48:09,349 --> 00:48:07,359

criminal code against one man while so

1150

00:48:12,390 --> 00:48:09,359

many others were doing practically the

1151

00:48:15,030 --> 00:48:12,400

same thing he said

1152

00:48:17,670 --> 00:48:15,040

mcgregor had pleaded not guilty it was

1153

00:48:19,829 --> 00:48:17,680

alleged in the indictment that mcgregor

1154

00:48:22,950 --> 00:48:19,839

on or about august 1st had obtained

1155

00:48:25,910 --> 00:48:22,960

seven and six for a bottle of tablets

1156

00:48:28,950 --> 00:48:25,920

from helen swindles

1157

00:48:32,390 --> 00:48:28,960

with intent thereby to defraud and he

1158

00:48:35,030 --> 00:48:32,400

pretended to her that he could diagnose

1159

00:48:36,790 --> 00:48:35,040

certain ills from which she was then

1160

00:48:39,670 --> 00:48:36,800

suffering by means of an optical

1161

00:48:42,950 --> 00:48:39,680

instrument inspection that he had

1162

00:48:44,549 --> 00:48:42,960

so diagnosed about liver and a tumor

1163

00:48:47,670 --> 00:48:44,559

behind her right eye

1164

00:48:50,230 --> 00:48:47,680

and he had the ability to cure the eels

1165

00:48:51,349 --> 00:48:50,240

with tablets the hearing was before mr

1166

00:48:53,990 --> 00:48:51,359

justice

1167

00:48:56,870 --> 00:48:54,000

brennan and a jury

1168

00:48:59,670 --> 00:48:56,880

so there you go he uh

1169

00:49:04,790 --> 00:49:01,990

now let's turn to the brisbane career

1170

00:49:07,030 --> 00:49:04,800

mail from 1951

1171

00:49:10,309 --> 00:49:07,040

on the 6th of april

1172

00:49:12,470 --> 00:49:10,319

10 pound fine called himself quote

1173

00:49:15,190 --> 00:49:12,480

doctor end quote

1174

00:49:16,790 --> 00:49:15,200

a naturopathic practitioner

1175

00:49:19,829 --> 00:49:16,800

who has been practicing in new south

1176

00:49:21,750 --> 00:49:19,839

wales in queensland for 17 years denied

1177

00:49:23,910 --> 00:49:21,760

in the summons court yesterday that he

1178

00:49:25,430 --> 00:49:23,920

was a charlatan

1179

00:49:29,589 --> 00:49:25,440

or a quack

1180

00:49:32,150 --> 00:49:29,599

he is maurice charles hewlett blackmore

1181

00:49:34,309 --> 00:49:32,160

of empire chambers wolf street he

1182

00:49:36,390 --> 00:49:34,319

claimed his qualifications were backed

1183

00:49:37,910 --> 00:49:36,400

by certificates from overseas

1184

00:49:40,950 --> 00:49:37,920

institutions

1185

00:49:43,670 --> 00:49:40,960

blackmoore was fined 10 pounds with

1186

00:49:46,390 --> 00:49:43,680

three pounds nine costs for having

1187

00:49:47,589 --> 00:49:46,400

contravened the medical acts by using

1188

00:49:48,549 --> 00:49:47,599

the term of

1189

00:49:51,589 --> 00:49:48,559

doctor

1190

00:49:53,990 --> 00:49:51,599

mr f connolly for the medical board said

1191

00:49:55,270 --> 00:49:54,000

blackmore exhibited five certificates

1192

00:49:58,870 --> 00:49:55,280

bearing the word

1193

00:50:00,230 --> 00:49:58,880

doctor in his waiting room studied

1194

00:50:02,870 --> 00:50:00,240

abroad

1195

00:50:03,910 --> 00:50:02,880

mr r h matthews said on blackmore's

1196

00:50:06,069 --> 00:50:03,920

behalf

1197

00:50:09,430 --> 00:50:06,079

that blackmore had three certificates

1198

00:50:12,630 --> 00:50:09,440

which he got in england by study

1199

00:50:14,790 --> 00:50:12,640

he studied for four years in america

1200

00:50:16,950 --> 00:50:14,800

and then did a post-graduate course at

1201

00:50:17,990 --> 00:50:16,960

the saint antonio hospital

1202

00:50:21,030 --> 00:50:18,000

the name

1203

00:50:23,430 --> 00:50:21,040

doctor was on his certificates and he

1204

00:50:24,829 --> 00:50:23,440

was guilty only of a technical offense

1205

00:50:27,510 --> 00:50:24,839

mr matthews

1206

00:50:30,230 --> 00:50:27,520

contended now maurice blackmore was the

1207

00:50:32,230 --> 00:50:30,240

founder of the

1208

00:50:33,430 --> 00:50:32,240

huge pharmaceutical company here in

1209

00:50:34,710 --> 00:50:33,440

australia

1210

00:50:36,150 --> 00:50:34,720

blackmores

1211

00:50:38,470 --> 00:50:36,160

who

1212

00:50:40,549 --> 00:50:38,480

more or less concentrate on things like

1213

00:50:41,670 --> 00:50:40,559

supplements and vitamins and things like

1214

00:50:44,150 --> 00:50:41,680

that

1215

00:50:46,549 --> 00:50:44,160

if i go to the blackmore's page heritage

1216

00:50:48,309 --> 00:50:46,559

and history blackmores has been an

1217

00:50:50,549 --> 00:50:48,319

industry leader in australia for more

1218

00:50:52,630 --> 00:50:50,559

than 80 years our company had its

1219

00:50:54,950 --> 00:50:52,640

beginnings in the 1930s thanks to the

1220

00:50:57,270 --> 00:50:54,960

vision and passion of one man maurice

1221

00:50:58,549 --> 00:50:57,280

blackmore an english immigrant whose

1222

00:51:00,790 --> 00:50:58,559

ideas

1223

00:51:01,829 --> 00:51:00,800

about health were way ahead of their

1224

00:51:05,270 --> 00:51:01,839

time

1225

00:51:07,270 --> 00:51:05,280

maurice blackmore 1906-1977

1226

00:51:10,309 --> 00:51:07,280

belief in the health giving properties

1227

00:51:12,309 --> 00:51:10,319

of herbs and minerals led him to develop

1228

00:51:14,230 --> 00:51:12,319

a whole system of health care based on

1229

00:51:16,390 --> 00:51:14,240

naturopathic principles

1230

00:51:18,870 --> 00:51:16,400

his views on natural health preventative

1231

00:51:20,549 --> 00:51:18,880

medicine and environment and recycling

1232

00:51:23,109 --> 00:51:20,559

were nothing short of radical in the

1233

00:51:25,829 --> 00:51:23,119

1930s and his work opened the doors for

1234

00:51:27,190 --> 00:51:25,839

new ways of treating ills and maximizing

1235

00:51:29,670 --> 00:51:27,200

health

1236

00:51:32,710 --> 00:51:29,680

maurice blackmore's son marcus took on

1237

00:51:34,829 --> 00:51:32,720

the reigns of the business in 1975.

1238

00:51:37,829 --> 00:51:34,839

and as i said before they are a very

1239

00:51:39,910 --> 00:51:37,839

large company and maurice blackmore pops

1240

00:51:43,030 --> 00:51:39,920

up a few years later again

1241

00:51:44,549 --> 00:51:43,040

let's see 1953 from the pages of truth

1242

00:51:47,589 --> 00:51:44,559

newspaper

1243

00:51:49,510 --> 00:51:47,599

the 6th of september and it says

1244

00:51:51,750 --> 00:51:49,520

brisbane so up in queensland i won't

1245

00:51:54,150 --> 00:51:51,760

read the whole story

1246

00:51:57,270 --> 00:51:54,160

uh it's the headline is he's got

1247

00:51:59,750 --> 00:51:57,280

certificates galore safe to pick pimples

1248

00:52:02,950 --> 00:51:59,760

says naturopath in interview

1249

00:52:06,390 --> 00:52:02,960

truth learnt this week that two more of

1250

00:52:09,190 --> 00:52:06,400

brisbane's bloodless surgeons had worked

1251

00:52:11,109 --> 00:52:09,200

with missing dolby doctor

1252

00:52:15,109 --> 00:52:11,119

alexander mayer

1253

00:52:17,270 --> 00:52:15,119

and valley naturopath claude beals

1254

00:52:19,829 --> 00:52:17,280

it's a little bit of a convoluted story

1255

00:52:21,750 --> 00:52:19,839

but i'll try to pick out some highlights

1256

00:52:24,470 --> 00:52:21,760

wet feet and cold hands

1257

00:52:27,710 --> 00:52:24,480

they are self-styled naturopaths maurice

1258

00:52:29,430 --> 00:52:27,720

c h blackmore nd

1259

00:52:32,549 --> 00:52:29,440

d-o-d-c

1260

00:52:34,950 --> 00:52:32,559

m-b-a-n london

1261

00:52:36,950 --> 00:52:34,960

and alfred f kaufman

1262

00:52:40,230 --> 00:52:36,960

m a d o

1263

00:52:42,710 --> 00:52:40,240

d p h d r m london

1264

00:52:43,829 --> 00:52:42,720

with empire chambers wolf street

1265

00:52:45,589 --> 00:52:43,839

brisbane

1266

00:52:47,270 --> 00:52:45,599

the story goes on about their

1267

00:52:49,750 --> 00:52:47,280

qualifications

1268

00:52:52,150 --> 00:52:49,760

and at one point says blackmore admitted

1269

00:52:54,390 --> 00:52:52,160

he had been convicted and fined for

1270

00:52:57,190 --> 00:52:54,400

using the title doctor as we read in the

1271

00:52:58,790 --> 00:52:57,200

last story it was a technical business

1272

00:53:00,950 --> 00:52:58,800

he declared

1273

00:53:02,950 --> 00:53:00,960

his certificates four of them

1274

00:53:05,750 --> 00:53:02,960

had been hanging on the wall referring

1275

00:53:07,270 --> 00:53:05,760

to him as doctor and so he was hauled to

1276
00:53:10,390 --> 00:53:07,280
court

1277
00:53:12,829 --> 00:53:10,400
and a bit later on it says

1278
00:53:15,270 --> 00:53:12,839
uh blackmore or his

1279
00:53:17,109 --> 00:53:15,280
offsiders speaking of blackmore says

1280
00:53:19,910 --> 00:53:17,119
blackmoore was a

1281
00:53:23,270 --> 00:53:19,920
doctor of philosophy france master of

1282
00:53:26,390 --> 00:53:23,280
arts cambridge doctor of osteopathy

1283
00:53:27,349 --> 00:53:26,400
california doctor of reform medicine

1284
00:53:29,349 --> 00:53:27,359
london

1285
00:53:33,349 --> 00:53:29,359
doctor of naturopathy

1286
00:53:35,430 --> 00:53:33,359
doctor of osteopathy newcastle on tine

1287
00:53:37,109 --> 00:53:35,440
and fellow of the london school of

1288
00:53:39,030 --> 00:53:37,119

psychology

1289

00:53:41,270 --> 00:53:39,040

and blackmore says

1290

00:53:43,270 --> 00:53:41,280

talking to the newspaper you'll find a

1291

00:53:45,990 --> 00:53:43,280

lot of well-educated persons among

1292

00:53:47,270 --> 00:53:46,000

naturopaths and osteopaths i'm a harrow

1293

00:53:49,430 --> 00:53:47,280

man myself

1294

00:53:52,069 --> 00:53:49,440

and later on in the story

1295

00:53:54,790 --> 00:53:52,079

uh blackmore told truth

1296

00:53:56,390 --> 00:53:54,800

that more than 1 000 patients a month

1297

00:53:59,829 --> 00:53:56,400

passed through his brisbane

1298

00:54:02,150 --> 00:53:59,839

and gimpy clinics and he had quote made

1299

00:54:05,510 --> 00:54:02,160

enough to retire on end quote

1300

00:54:07,910 --> 00:54:05,520

his wages bill in brisbane alone was a

1301
00:54:09,670 --> 00:54:07,920
hundred and fifty pounds a week for his

1302
00:54:12,630 --> 00:54:09,680
fifteen assistants

1303
00:54:14,870 --> 00:54:12,640
next blackmore brought to light his

1304
00:54:17,910 --> 00:54:14,880
pet enterprise

1305
00:54:20,710 --> 00:54:17,920
the naturopathic chronicle which he said

1306
00:54:23,510 --> 00:54:20,720
he published and edited and which had a

1307
00:54:26,230 --> 00:54:23,520
circulation of five thousand

1308
00:54:29,109 --> 00:54:26,240
blazing headlines left out of the four

1309
00:54:31,670 --> 00:54:29,119
copies showed truth

1310
00:54:34,309 --> 00:54:31,680
they condemned immunization

1311
00:54:36,390 --> 00:54:34,319
pasteurization surgery

1312
00:54:38,950 --> 00:54:36,400
and applauded blackmore's

1313
00:54:39,990 --> 00:54:38,960

puritan and i've just looked up peritone

1314

00:54:41,750 --> 00:54:40,000

and

1315

00:54:44,950 --> 00:54:41,760

the first search that's come up is a

1316

00:54:47,990 --> 00:54:44,960

bottle of pills from blackmore's

1317

00:54:50,470 --> 00:54:48,000

that's interesting let's see what it is

1318

00:54:54,309 --> 00:54:50,480

and the bottle says supports healthy

1319

00:54:59,190 --> 00:54:57,109

and it has on the

1320

00:55:00,150 --> 00:54:59,200

the picture here of the jar the little

1321

00:55:02,630 --> 00:55:00,160

jar

1322

00:55:03,670 --> 00:55:02,640

an aust I number and i think we've

1323

00:55:04,789 --> 00:55:03,680

discussed

1324

00:55:07,589 --> 00:55:04,799

sometimes

1325

00:55:10,870 --> 00:55:07,599

in the past that here in australia

1326
00:55:13,349 --> 00:55:10,880
medicines are registered or listed

1327
00:55:15,109 --> 00:55:13,359
aust r number means registered means

1328
00:55:17,589 --> 00:55:15,119
it's gone through

1329
00:55:19,510 --> 00:55:17,599
checks to make sure it actually works

1330
00:55:20,710 --> 00:55:19,520
and aust l

1331
00:55:22,950 --> 00:55:20,720
listed

1332
00:55:25,030 --> 00:55:22,960
simply means it's

1333
00:55:27,030 --> 00:55:25,040
manufactured to certain standards it

1334
00:55:29,109 --> 00:55:27,040
doesn't actually

1335
00:55:31,030 --> 00:55:29,119
or not necessarily have to live up to

1336
00:55:32,390 --> 00:55:31,040
the claims it makes

1337
00:55:36,069 --> 00:55:32,400
and you'll find many things in

1338
00:55:38,150 --> 00:55:36,079

supplement and vitamin stores are listed

1339

00:55:40,390 --> 00:55:38,160

I and not registered

1340

00:55:42,950 --> 00:55:40,400

the other thing that is applauded is

1341

00:55:44,630 --> 00:55:42,960

renaton let's look that one up

1342

00:55:46,549 --> 00:55:44,640

and i have a

1343

00:55:48,390 --> 00:55:46,559

definition

1344

00:55:51,430 --> 00:55:48,400

renaton is an antibiotic

1345

00:55:54,069 --> 00:55:51,440

that fights bacteria renaton

1346

00:55:56,150 --> 00:55:54,079

is used to treat or prevent recurring

1347

00:55:58,150 --> 00:55:56,160

bladder infections in adults and

1348

00:55:59,910 --> 00:55:58,160

children okay

1349

00:56:02,549 --> 00:55:59,920

and the next one listed as membrane tone

1350

00:56:03,910 --> 00:56:02,559

let's see what that is member turned by

1351

00:56:06,069 --> 00:56:03,920

blackmores

1352

00:56:08,230 --> 00:56:06,079

and all i can find here that the name

1353

00:56:09,670 --> 00:56:08,240

has been apparently trademarked but i

1354

00:56:11,589 --> 00:56:09,680

can't see any products at the moment

1355

00:56:13,190 --> 00:56:11,599

that have that but the name apparently

1356

00:56:15,030 --> 00:56:13,200

has been trademarked by blackmore

1357

00:56:16,470 --> 00:56:15,040

sometime in the past

1358

00:56:22,069 --> 00:56:16,480

hepatone

1359

00:56:24,870 --> 00:56:22,079

liver refresh liver and gallbladder

1360

00:56:27,190 --> 00:56:24,880

liver detox from various companies

1361

00:56:28,549 --> 00:56:27,200

so it's that sort of uh that sort of

1362

00:56:30,950 --> 00:56:28,559

thing

1363

00:56:34,230 --> 00:56:30,960

the next one says pep ups

1364

00:56:38,390 --> 00:56:34,240

pep ups and the next one says fluvax

1365

00:56:40,950 --> 00:56:38,400

which is spelled f l u v a c s so i'm

1366

00:56:44,870 --> 00:56:40,960

not exactly sure what that is

1367

00:56:46,630 --> 00:56:44,880

because nothing comes up when i do a

1368

00:56:48,950 --> 00:56:46,640

search

1369

00:56:50,390 --> 00:56:48,960

specifically for that apart from flu

1370

00:56:52,390 --> 00:56:50,400

vaccination

1371

00:56:55,030 --> 00:56:52,400

and indeed a

1372

00:56:58,549 --> 00:56:55,040

return on flu the word itself actually

1373

00:57:00,390 --> 00:56:58,559

does come up with one which is um

1374

00:57:01,910 --> 00:57:00,400

this website is for u.s animal health

1375

00:57:04,710 --> 00:57:01,920

care professionals

1376
00:57:06,549 --> 00:57:04,720
right i'm not sure what's going on there

1377
00:57:08,069 --> 00:57:06,559
and just picking through the story again

1378
00:57:09,990 --> 00:57:08,079
i'm sorry this part is a little bit

1379
00:57:13,030 --> 00:57:10,000
disjointed but uh i'm picking out some

1380
00:57:14,630 --> 00:57:13,040
of the more interesting bits truth asked

1381
00:57:17,510 --> 00:57:14,640
blackmore why the medical profession

1382
00:57:19,750 --> 00:57:17,520
regarded naturopaths as quacks

1383
00:57:22,950 --> 00:57:19,760
and blackmore is saying here

1384
00:57:25,670 --> 00:57:22,960
just jealousy they don't like us because

1385
00:57:26,390 --> 00:57:25,680
we're the only people with scientific

1386
00:57:28,789 --> 00:57:26,400
knowledge

1387
00:57:31,349 --> 00:57:28,799
to expose them

1388
00:57:34,150 --> 00:57:31,359

and then blackmore says you know what

1389

00:57:37,270 --> 00:57:34,160

doctors shut their eyes to our successes

1390

00:57:39,910 --> 00:57:37,280

i've had such cases of brights disease

1391

00:57:42,789 --> 00:57:39,920

here given three days to live by a

1392

00:57:44,549 --> 00:57:42,799

doctor i've treated them and today

1393

00:57:46,950 --> 00:57:44,559

they're out working

1394

00:57:49,510 --> 00:57:46,960

and then truth magazine says we doubt if

1395

00:57:52,710 --> 00:57:49,520

the medical profession would accept that

1396

00:57:54,390 --> 00:57:52,720

and blackmore says i challenge them to

1397

00:57:56,789 --> 00:57:54,400

any doctor or

1398

00:57:58,950 --> 00:57:56,799

for that matter the whole board can come

1399

00:58:01,990 --> 00:57:58,960

into this clinic for a week and be

1400

00:58:04,309 --> 00:58:02,000

instructed in our methods i'll bet they

1401

00:58:06,549 --> 00:58:04,319

don't remain unconvinced

1402

00:58:07,910 --> 00:58:06,559

so there you go and again i'm sorry this

1403

00:58:09,589 --> 00:58:07,920

story is a little bit disjointed but

1404

00:58:11,190 --> 00:58:09,599

there's a lot of waffling to do with

1405

00:58:12,950 --> 00:58:11,200

other cases and things but i just wanted

1406

00:58:15,430 --> 00:58:12,960

to get to some of the

1407

00:58:23,030 --> 00:58:15,440

ah the more interesting bits concerning

1408

00:58:28,150 --> 00:58:25,030

so there we go a little look back into

1409

00:58:30,230 --> 00:58:28,160

the archives there peeking through

1410

00:58:32,390 --> 00:58:30,240

various uh results concerning

1411

00:58:34,390 --> 00:58:32,400

naturopaths and in particular

1412

00:58:35,750 --> 00:58:34,400

maurice blackmore

1413

00:58:37,750 --> 00:58:35,760

now that latest one about maurice

1414

00:58:39,589 --> 00:58:37,760

blackmore i might pass that along

1415

00:58:41,430 --> 00:58:39,599

that clipping i might pass that along to

1416

00:58:43,109 --> 00:58:41,440

some of my friends

1417

00:58:44,230 --> 00:58:43,119

who i'm sure will find that very

1418

00:58:48,150 --> 00:58:44,240

interesting

1419

00:58:49,829 --> 00:58:48,160

but even as far back as 1953

1420

00:58:52,390 --> 00:58:49,839

blackmoore and naturopaths were

1421

00:58:53,670 --> 00:58:52,400

condemning immunization pasteurization

1422

00:58:56,710 --> 00:58:53,680

surgery

1423

00:58:58,470 --> 00:58:56,720

but applauding uh these various uh

1424

00:59:00,549 --> 00:58:58,480

supplements

1425

00:59:02,390 --> 00:59:00,559

and you too can applaud all sorts of

1426

00:59:05,069 --> 00:59:02,400

interesting things if you look into the

1427

00:59:07,670 --> 00:59:05,079

trove archives at

1428

00:59:09,270 --> 00:59:07,680

trove.nla.gov dot a u it's very easy to

1429

00:59:10,710 --> 00:59:09,280

use you simply type in what you want to

1430

00:59:13,109 --> 00:59:10,720

have look for

1431

00:59:15,349 --> 00:59:13,119

up comes the search results and you can

1432

00:59:18,230 --> 00:59:15,359

select whether you want to see

1433

00:59:19,990 --> 00:59:18,240

the results in newspapers and journals

1434

00:59:22,549 --> 00:59:20,000

or in magazines

1435

00:59:23,750 --> 00:59:22,559

or other references

1436

00:59:29,200 --> 00:59:23,760

and like me

1437

00:59:29,210 --> 00:59:44,470

[Music]

1438

00:59:47,430 --> 00:59:45,990

thank you for listening to the skeptic

1439

00:59:49,109 --> 00:59:47,440

zone podcast

1440

00:59:50,390 --> 00:59:49,119

and thank you to henrietta and maud the

1441

00:59:53,109 --> 00:59:50,400

cat

1442

00:59:55,670 --> 00:59:53,119

oh she's back hello

1443

00:59:57,589 --> 00:59:55,680

come on you want to come in come on

1444

00:59:59,109 --> 00:59:57,599

meow

1445

01:00:01,510 --> 00:59:59,119

you might be able to hear a very quiet

1446

01:00:03,030 --> 01:00:01,520

meow there

1447

01:00:05,430 --> 01:00:03,040

sometimes i think they really are the

1448

01:00:07,589 --> 01:00:05,440

executive producers of this show

1449

01:00:10,309 --> 01:00:07,599

but thank you to the people who

1450

01:00:13,190 --> 01:00:10,319

really do help the show the patreon and

1451

01:00:15,670 --> 01:00:13,200

paypal supporters at skepticzone.tv

1452

01:00:16,950 --> 01:00:15,680

without your contributions these cats

1453

01:00:18,789 --> 01:00:16,960

would starve

1454

01:00:20,309 --> 01:00:18,799

quick get the violins out now i think

1455

01:00:22,950 --> 01:00:20,319

that'd be all right but the show

1456

01:00:24,789 --> 01:00:22,960

wouldn't continue so i do appreciate

1457

01:00:26,870 --> 01:00:24,799

everyone who chips in

1458

01:00:29,430 --> 01:00:26,880

weekly or monthly to the skeptic zone to

1459

01:00:31,670 --> 01:00:29,440

keep the show going thank you very much

1460

01:00:34,230 --> 01:00:31,680

now if you do go to skepticzone.tv

1461

01:00:36,390 --> 01:00:34,240

scroll to the top of the page

1462

01:00:37,670 --> 01:00:36,400

or look at the top of the page if you go

1463

01:00:38,710 --> 01:00:37,680

there you probably are at the top of the

1464

01:00:40,950 --> 01:00:38,720

page

1465

01:00:43,430 --> 01:00:40,960

and you'll see a link to tick-tock the

1466

01:00:45,750 --> 01:00:43,440

skeptic zone is on tick tock and my

1467

01:00:48,150 --> 01:00:45,760

latest tick tock video

1468

01:00:49,589 --> 01:00:48,160

all about spoon bending sort of went a

1469

01:00:51,430 --> 01:00:49,599

little bit viral

1470

01:00:53,430 --> 01:00:51,440

and had thousands of hits in a very

1471

01:00:55,510 --> 01:00:53,440

short time i don't know why i've got

1472

01:00:58,950 --> 01:00:55,520

lots of videos up there about

1473

01:01:00,789 --> 01:00:58,960

uh word salad spirit boxes detox ancient

1474

01:01:03,510 --> 01:01:00,799

aliens psychic readings astrology

1475

01:01:07,109 --> 01:01:03,520

homeopathy cryptids crop circles reiki

1476

01:01:09,109 --> 01:01:07,119

chakras acupuncture divining

1477

01:01:11,910 --> 01:01:09,119

hot reading cold reading

1478

01:01:14,230 --> 01:01:11,920

and birds out the window

1479

01:01:15,910 --> 01:01:14,240

there are birds out the window henrietta

1480

01:01:17,030 --> 01:01:15,920

maude where are you go and chase the

1481

01:01:18,630 --> 01:01:17,040

birds away

1482

01:01:20,309 --> 01:01:18,640

have a look at those tick tock videos

1483

01:01:23,270 --> 01:01:20,319

you might enjoy them they're very short

1484

01:01:26,150 --> 01:01:23,280

it's under a series called mystic minute

1485

01:01:28,309 --> 01:01:26,160

so most of those videos are a minute or

1486

01:01:31,190 --> 01:01:28,319

or not even quite a minute

1487

01:01:32,870 --> 01:01:31,200

and so for this week this is richard

1488

01:01:38,789 --> 01:01:32,880

saunders signing off

1489

01:01:42,069 --> 01:01:40,630

you've been listening to the skeptic

1490

01:01:43,430 --> 01:01:42,079

zone podcast

1491

01:01:46,630 --> 01:01:43,440

please visit our website at

1492

01:01:52,230 --> 01:01:49,750

for show notes contacts and to access

1493

01:01:54,470 --> 01:01:52,240

the back catalog of episodes going back

1494

01:01:56,390 --> 01:01:54,480

to 2008

1495

01:01:59,109 --> 01:01:56,400

you can follow the skeptic zone podcast

1496

01:02:01,270 --> 01:01:59,119

on twitter at skepticzone

1497

01:02:03,589 --> 01:02:01,280

visit our facebook page or leave a

1498

01:02:05,670 --> 01:02:03,599

review on itunes

1499

01:02:08,870 --> 01:02:05,680

you can also support the skeptic zone

1500

01:02:12,230 --> 01:02:08,880

via patreon or paypal the skeptic zone

1501

01:02:13,829 --> 01:02:12,240

podcast is an independent production the

1502

01:02:16,150 --> 01:02:13,839

views and opinions expressed on the

1503

01:02:18,710 --> 01:02:16,160

skeptic zone are not necessarily those

1504

01:02:20,330 --> 01:02:18,720

of australian skeptics or any other