



Episode **635**

THE
**SKEPTIC
ZONE**
PODCAST

www.skepticzone.tv

13 December 2020

PhD or not PhD?
With Ken McLeod

A look into Trove
for water divining in 1945



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

[Music]

2
00:00:11,190 --> 00:00:08,400

welcome to the skeptic zone

3
00:00:16,840 --> 00:00:11,200

the podcast from australia for science

4
00:00:23,349 --> 00:00:16,850

and reason

5
00:00:25,349 --> 00:00:23,359

[Music]

6
00:00:28,470 --> 00:00:25,359

yes it's the skeptic zone podcast

7
00:00:29,429 --> 00:00:28,480

episode number 635 for the 13th of

8
00:00:31,669 --> 00:00:29,439

december

9
00:00:33,990 --> 00:00:31,679

2020 richard saunders coming to you from

10
00:00:36,630 --> 00:00:34,000

sydney australia where i'm up early

11
00:00:37,270 --> 00:00:36,640

what time is it it's just after 4 a.m i

12
00:00:39,670 --> 00:00:37,280

thought

13
00:00:40,470 --> 00:00:39,680

if i get up really early if i go very

14

00:00:43,590 --> 00:00:40,480

early

15

00:00:46,150 --> 00:00:43,600

i can beat the noise the birds

16

00:00:46,790 --> 00:00:46,160

which seem to have invaded sydney

17

00:00:49,990 --> 00:00:46,800

recently

18

00:00:53,110 --> 00:00:50,000

the cockatoos the rainbow lorikeets

19

00:00:53,910 --> 00:00:53,120

and such like the trucks the heavy

20

00:00:56,830 --> 00:00:53,920

trucks that

21

00:00:58,069 --> 00:00:56,840

zoom up and down the street near here

22

00:01:00,389 --> 00:00:58,079

occasionally

23

00:01:01,349 --> 00:01:00,399

the aircraft which are increasing i'm

24

00:01:03,830 --> 00:01:01,359

pleased to say

25

00:01:05,910 --> 00:01:03,840

i must say that uh that's the fact i am

26

00:01:08,149 --> 00:01:05,920

pleased to say there are more aircraft

27

00:01:09,750 --> 00:01:08,159

now since the borders have opened within

28

00:01:12,870 --> 00:01:09,760

australia

29

00:01:13,990 --> 00:01:12,880

so 4am yeah that would do it that would

30

00:01:15,109 --> 00:01:14,000

do the trick

31

00:01:18,630 --> 00:01:15,119

of course i didn't take into

32

00:01:21,830 --> 00:01:18,640

consideration the flying foxes

33

00:01:25,590 --> 00:01:21,840

or the the bats yeah

34

00:01:27,990 --> 00:01:25,600

they have a certain odd noise they make

35

00:01:31,510 --> 00:01:28,000

in the trees not far from here

36

00:01:33,590 --> 00:01:31,520

but i think maybe they've just uh

37

00:01:35,749 --> 00:01:33,600

maybe they've gone back to sleep anyway

38

00:01:38,550 --> 00:01:35,759

one day i'll buy that uh

39

00:01:40,390 --> 00:01:38,560

soundproof studio with the rubber walls

40

00:01:43,510 --> 00:01:40,400

coming up on this week's show

41

00:01:45,510 --> 00:01:43,520

our friend ken mccloud well an article

42

00:01:46,950 --> 00:01:45,520

he's written for the skeptic magazine

43

00:01:49,270 --> 00:01:46,960

that's just come out

44

00:01:50,389 --> 00:01:49,280

the journal from australian skeptics

45

00:01:55,030 --> 00:01:50,399

about

46

00:01:58,469 --> 00:01:55,040

judy wileyman phd

47

00:02:00,789 --> 00:01:58,479

and in ken's opinion the phd that was

48

00:02:02,630 --> 00:02:00,799

awarded to her

49

00:02:04,230 --> 00:02:02,640

certainly deserves a complaint of

50

00:02:06,230 --> 00:02:04,240

academic misconduct

51
00:02:07,670 --> 00:02:06,240
and maybe after hearing his report you

52
00:02:09,669 --> 00:02:07,680
may well agree

53
00:02:10,710 --> 00:02:09,679
that's coming up at the top of the show

54
00:02:13,750 --> 00:02:10,720
where i

55
00:02:14,070 --> 00:02:13,760
read his report from the magazine and

56
00:02:20,949 --> 00:02:14,080
that

57
00:02:22,309 --> 00:02:20,959
is free at skeptics.com.edu it's like a

58
00:02:25,910 --> 00:02:22,319
sample from the latest

59
00:02:28,150 --> 00:02:25,920
magazine following that it's

60
00:02:30,229 --> 00:02:28,160
a trip back into trove a dive into the

61
00:02:31,910 --> 00:02:30,239
trove the treasure trove of online

62
00:02:34,630 --> 00:02:31,920
resources from the australian government

63
00:02:37,509 --> 00:02:34,640

and the national library of australia

64

00:02:39,110 --> 00:02:37,519

and we continue our thread from last

65

00:02:41,990 --> 00:02:39,120

week of water divining

66

00:02:44,309 --> 00:02:42,000

this week we go to the year 1945 for a

67

00:02:47,509 --> 00:02:44,319

fascinating series of

68

00:02:49,030 --> 00:02:47,519

letters to the editor from skeptics and

69

00:02:52,470 --> 00:02:49,040

believers

70

00:02:55,270 --> 00:02:52,480

and indeed i found even more interesting

71

00:02:58,710 --> 00:02:55,280

skeptics and believers from

72

00:02:59,670 --> 00:02:58,720

way back in 1912 1913 which will be

73

00:03:04,470 --> 00:02:59,680

coming up

74

00:03:06,550 --> 00:03:04,480

in future episodes but today it's 1945.

75

00:03:07,670 --> 00:03:06,560

a quick introduction to the show this

76

00:03:10,070 --> 00:03:07,680

week don't forget to

77

00:03:12,630 --> 00:03:10,080

keep listening at the end of the show

78

00:03:14,869 --> 00:03:12,640

for more announcements from me

79

00:03:17,350 --> 00:03:14,879

and some very interesting news in the

80

00:03:19,750 --> 00:03:17,360

world of cryptography

81

00:03:21,670 --> 00:03:19,760

just released yesterday but now it's

82

00:03:25,110 --> 00:03:21,680

time for me to run downstairs

83

00:03:27,190 --> 00:03:25,120

head for the kitchen and i might

84

00:03:28,789 --> 00:03:27,200

not do anything except make a coffee

85

00:03:30,949 --> 00:03:28,799

because it's four o'clock in the morning

86

00:03:33,430 --> 00:03:30,959

but later on

87

00:03:34,710 --> 00:03:33,440

later on i've been inspired recently

88

00:03:38,149 --> 00:03:34,720

i've been watching

89

00:03:40,070 --> 00:03:38,159
some cooking shows on tv and

90

00:03:41,990 --> 00:03:40,080
i discovered a really fun way to watch a

91

00:03:44,710 --> 00:03:42,000
cooking show if you

92

00:03:46,869 --> 00:03:44,720
and a friend maybe you haven't seen for

93

00:03:50,710 --> 00:03:46,879
a long time

94

00:03:53,429 --> 00:03:50,720
um hook up with the phone or

95

00:03:54,630 --> 00:03:53,439
online you know video or just you can

96

00:03:57,990 --> 00:03:54,640
hear each other

97

00:04:00,550 --> 00:03:58,000
and you more or less press play at the

98

00:04:02,949 --> 00:04:00,560
same time watching your various devices

99

00:04:05,190 --> 00:04:02,959
or tv or streaming services

100

00:04:06,869 --> 00:04:05,200
you can watch the same show at the same

101
00:04:09,030 --> 00:04:06,879
time and simply comment about it and

102
00:04:11,509 --> 00:04:09,040
laugh and talk to each other

103
00:04:13,030 --> 00:04:11,519
and that's a lot of fun i really enjoy

104
00:04:14,869 --> 00:04:13,040
that

105
00:04:16,150 --> 00:04:14,879
and it's inspired me to try some new

106
00:04:20,229 --> 00:04:16,160
cooking

107
00:04:22,710 --> 00:04:20,239
why not some lovely uh soup dishes and

108
00:04:24,070 --> 00:04:22,720
things like that no actually i am gonna

109
00:04:25,510 --> 00:04:24,080
run down the stairs and get that coffee

110
00:04:38,440 --> 00:04:25,520
i hope you enjoy

111
00:04:47,350 --> 00:04:45,590
[Music]

112
00:04:49,110 --> 00:04:47,360
from the skeptic magazine the journal

113
00:04:52,150 --> 00:04:49,120

from australian skeptics

114

00:04:55,749 --> 00:04:52,160

december 2020 issue

115

00:04:57,110 --> 00:04:55,759

and that's volume 40 number four on page

116

00:05:00,390 --> 00:04:57,120

37

117

00:05:00,830 --> 00:05:00,400

doctor at large ken mcLeod reports on

118

00:05:03,350 --> 00:05:00,840

how

119

00:05:05,350 --> 00:05:03,360

anti-vaccination campaigner judy

120

00:05:08,070 --> 00:05:05,360

wileyman is trading on her

121

00:05:08,870 --> 00:05:08,080

flawed doctorate and the implications

122

00:05:11,670 --> 00:05:08,880

for her

123

00:05:12,330 --> 00:05:11,680

the university of wollongong and the

124

00:05:16,469 --> 00:05:12,340

community

125

00:05:20,230 --> 00:05:16,479

[Music]

126

00:05:22,150 --> 00:05:20,240

when the university of wollongong uow

127

00:05:24,310 --> 00:05:22,160

issued a doctorate in 2016 to

128

00:05:26,950 --> 00:05:24,320

anti-vaxxer judy wileyman

129

00:05:29,189 --> 00:05:26,960

concern and outrage was expressed by the

130

00:05:32,150 --> 00:05:29,199

scientific and medical communities

131

00:05:35,510 --> 00:05:32,160

and others who pointed out the multiple

132

00:05:38,550 --> 00:05:35,520

errors and misrepresentations in her phd

133

00:05:40,950 --> 00:05:38,560

thesis in quote a

134

00:05:42,629 --> 00:05:40,960

critical analysis of the australian

135

00:05:46,070 --> 00:05:42,639

government's rationale

136

00:05:49,350 --> 00:05:46,080

for its vaccination policy end quote

137

00:05:52,070 --> 00:05:49,360

wileyman described what she calls quote

138

00:05:53,430 --> 00:05:52,080

the political framework in which policy

139

00:05:57,510 --> 00:05:53,440

is affected by

140

00:06:01,029 --> 00:05:57,520

biased science or undone underfunded

141

00:06:03,510 --> 00:06:01,039

science end quote and claims

142

00:06:04,469 --> 00:06:03,520

quote the existence of institutional

143

00:06:06,950 --> 00:06:04,479

barriers to

144

00:06:09,670 --> 00:06:06,960

carrying out independent research

145

00:06:13,029 --> 00:06:09,680

including on topics unwelcome to groups

146

00:06:15,590 --> 00:06:13,039

with vested interests end quote she

147

00:06:16,950 --> 00:06:15,600

alleged collusion between industry and

148

00:06:19,189 --> 00:06:16,960

health authorities

149

00:06:20,629 --> 00:06:19,199

particularly that the world health

150

00:06:23,350 --> 00:06:20,639

organization

151

00:06:25,189 --> 00:06:23,360

quote is perceived to be out of touch

152

00:06:28,070 --> 00:06:25,199

with global communities

153

00:06:29,430 --> 00:06:28,080

and is controlled by the interests of

154

00:06:32,550 --> 00:06:29,440

corporations

155

00:06:34,629 --> 00:06:32,560

and the world bank end quote wileyman

156

00:06:36,629 --> 00:06:34,639

did her thesis within the university

157

00:06:39,510 --> 00:06:36,639

school of humanities

158

00:06:41,749 --> 00:06:39,520

and social inquiry whose name was

159

00:06:43,909 --> 00:06:41,759

changed in 2014 from the

160

00:06:45,670 --> 00:06:43,919

school of social science media and

161

00:06:48,230 --> 00:06:45,680

communications

162

00:06:50,550 --> 00:06:48,240

it was this location which led

163

00:06:54,070 --> 00:06:50,560

commentators to refer to it as

164

00:06:55,189 --> 00:06:54,080

an arts degree rather than a science

165

00:06:57,749 --> 00:06:55,199

degree

166

00:06:59,110 --> 00:06:57,759

something which wileyman has taken

167

00:07:01,670 --> 00:06:59,120

exception to

168

00:07:03,830 --> 00:07:01,680

in an attempt to redefine herself as a

169

00:07:06,790 --> 00:07:03,840

science researcher

170

00:07:09,110 --> 00:07:06,800

the thesis was supervised by professor

171

00:07:11,430 --> 00:07:09,120

brian martin

172

00:07:12,710 --> 00:07:11,440

the awarding of the doctorate raised the

173

00:07:15,029 --> 00:07:12,720

serious issue

174

00:07:16,150 --> 00:07:15,039

of the responsibility of the university

175

00:07:19,430 --> 00:07:16,160

of wollongong

176

00:07:23,029 --> 00:07:19,440

to ensure that doctoral theses meet

177

00:07:25,909 --> 00:07:23,039

rigorous scientific standards wileyman's

178

00:07:27,270 --> 00:07:25,919

thesis has been widely criticized by

179

00:07:29,749 --> 00:07:27,280

qualified experts

180

00:07:31,510 --> 00:07:29,759

for not meeting those standards the

181

00:07:31,909 --> 00:07:31,520

university of wollongong has battered

182

00:07:35,350 --> 00:07:31,919

away

183

00:07:38,950 --> 00:07:35,360

those criticisms and should respond

184

00:07:41,270 --> 00:07:38,960

promptly wyliman martin and the

185

00:07:44,790 --> 00:07:41,280

university were awarded the australian

186

00:07:46,869 --> 00:07:44,800

skeptics bent spoon award in 2016.

187

00:07:49,589 --> 00:07:46,879

wiley men's thesis contains many flawed

188

00:07:53,790 --> 00:07:49,599

inclusions too many to list here in full

189

00:07:56,230 --> 00:07:53,800

although details can be found at

190

00:08:00,629 --> 00:07:56,240

tinyurl.com

191

00:08:04,230 --> 00:08:00,639

y lehman phd but just as a sample

192

00:08:05,990 --> 00:08:04,240

page 105. quote smallpox is only

193

00:08:08,950 --> 00:08:06,000

transferable by direct skin

194

00:08:09,909 --> 00:08:08,960

to skin contact end quote this is

195

00:08:12,309 --> 00:08:09,919

demonstrably

196

00:08:14,710 --> 00:08:12,319

false many indigenous americans were

197

00:08:17,510 --> 00:08:14,720

killed by smallpox spread to them

198

00:08:19,350 --> 00:08:17,520

via contaminated blankets the u.s

199

00:08:22,710 --> 00:08:19,360

centers for disease control

200

00:08:25,670 --> 00:08:22,720

includes as transmission media quote

201
00:08:26,150 --> 00:08:25,680
infected bodily fluids or contaminated

202
00:08:28,550 --> 00:08:26,160
objects

203
00:08:29,909 --> 00:08:28,560
such as bedding or clothing end quote

204
00:08:32,949 --> 00:08:29,919
and quote

205
00:08:36,310 --> 00:08:32,959
rarely smallpox has been spread by

206
00:08:38,469 --> 00:08:36,320
virus carried in the air in enclosed

207
00:08:39,750 --> 00:08:38,479
settings such as buildings buses and

208
00:08:43,990 --> 00:08:39,760
trains end quote

209
00:08:46,949 --> 00:08:44,000
page 121 quote in the scientific

210
00:08:47,829 --> 00:08:46,959
model it is assumed that the etiology of

211
00:08:51,269 --> 00:08:47,839
disease

212
00:08:52,310 --> 00:08:51,279
is mainly biological end quote it is not

213
00:08:56,389 --> 00:08:52,320

assumed

214

00:08:59,350 --> 00:08:56,399

it is page 121

215

00:09:02,550 --> 00:08:59,360

quote allopathy rejects the theory that

216

00:09:05,190 --> 00:09:02,560

the mind the emotions and the soul

217

00:09:07,350 --> 00:09:05,200

are involved as causal agents in the

218

00:09:11,509 --> 00:09:07,360

development of illnesses

219

00:09:14,550 --> 00:09:11,519

to its treatment end quote the soul

220

00:09:17,829 --> 00:09:14,560

really page 122

221

00:09:18,790 --> 00:09:17,839

quote if an agent such as influenza

222

00:09:21,509 --> 00:09:18,800

virus

223

00:09:24,150 --> 00:09:21,519

is known to cause an illness it would be

224

00:09:25,110 --> 00:09:24,160

expected that all individuals exposed to

225

00:09:27,190 --> 00:09:25,120

the agent

226

00:09:28,949 --> 00:09:27,200

would get the illness but this is not

227

00:09:31,590 --> 00:09:28,959

the case end quote

228

00:09:32,389 --> 00:09:31,600

it is not the case and nor would it be

229

00:09:35,829 --> 00:09:32,399

expected

230

00:09:37,430 --> 00:09:35,839

to be so wileyman has set up a falsehood

231

00:09:40,870 --> 00:09:37,440

and then shot it down in

232

00:09:44,389 --> 00:09:40,880

an attempt to discredit germ theory

233

00:09:46,550 --> 00:09:44,399

and all of these within just a few pages

234

00:09:47,990 --> 00:09:46,560

many problems were raised by individual

235

00:09:49,670 --> 00:09:48,000

critics at the time

236

00:09:51,269 --> 00:09:49,680

including commentary in the

237

00:09:55,030 --> 00:09:51,279

peer-reviewed journal

238

00:09:55,430 --> 00:09:55,040

vaccine which questioned the quality of

239

00:10:00,310 --> 00:09:55,440

the

240

00:10:06,910 --> 00:10:00,320

examination

241

00:10:09,829 --> 00:10:06,920

vaccine volume number 34 pages 2467 to

242

00:10:11,990 --> 00:10:09,839

2468.

243

00:10:14,630 --> 00:10:12,000

martin responded that the commentary did

244

00:10:17,110 --> 00:10:14,640

not cite evidence-based sources

245

00:10:18,230 --> 00:10:17,120

rather relying on quote newspaper

246

00:10:21,110 --> 00:10:18,240

articles end quote

247

00:10:23,750 --> 00:10:21,120

and suggested that quote it is good

248

00:10:26,790 --> 00:10:23,760

scholarly practice in such instances

249

00:10:29,110 --> 00:10:26,800

to seek primary documentation including

250

00:10:29,670 --> 00:10:29,120

the views from both sides of contentious

251
00:10:33,269 --> 00:10:29,680
cases

252
00:10:34,389 --> 00:10:33,279
end quote a paper published in 2019 in

253
00:10:40,550 --> 00:10:34,399
vaccine

254
00:10:43,269 --> 00:10:40,560
volume 17 1541-1545

255
00:10:44,150 --> 00:10:43,279
does make that detailed commentary this

256
00:10:48,230 --> 00:10:44,160
paper

257
00:10:51,269 --> 00:10:48,240
quote phd thesis opposing immunization

258
00:10:54,389 --> 00:10:51,279
failure of academic rigor with real

259
00:10:54,790 --> 00:10:54,399
world consequences and quote was written

260
00:10:58,630 --> 00:10:54,800
by

261
00:11:01,590 --> 00:10:58,640
dr carrie wiley professor julie liske

262
00:11:03,110 --> 00:11:01,600
and professor margaret burgess all of

263
00:11:05,750 --> 00:11:03,120

sydney university

264

00:11:07,590 --> 00:11:05,760

and professor peter mcintyre national

265

00:11:08,630 --> 00:11:07,600

center for immunization research and

266

00:11:10,790 --> 00:11:08,640

surveillance

267

00:11:12,230 --> 00:11:10,800

it addresses many of the main themes

268

00:11:14,710 --> 00:11:12,240

wileyman raises

269

00:11:16,710 --> 00:11:14,720

criticizing the thesis on the grounds of

270

00:11:19,269 --> 00:11:16,720

uncritical analysis due to

271

00:11:21,190 --> 00:11:19,279

highly selected referencing flawed

272

00:11:25,110 --> 00:11:21,200

arguments misleading and broad

273

00:11:27,829 --> 00:11:25,120

assertions and incomplete research

274

00:11:29,310 --> 00:11:27,839

this paper is available on open access

275

00:11:32,150 --> 00:11:29,320

at

276

00:11:35,190 --> 00:11:32,160

tinyurl.com wyliman

277

00:11:38,069 --> 00:11:35,200

vaccine they conclude that

278

00:11:39,910 --> 00:11:38,079

quote this thesis is notable for its

279

00:11:41,509 --> 00:11:39,920

lack of evidence of systematic

280

00:11:44,630 --> 00:11:41,519

literature review

281

00:11:45,910 --> 00:11:44,640

despite its extensive claims there is no

282

00:11:48,630 --> 00:11:45,920

primary research

283

00:11:51,190 --> 00:11:48,640

but there is abundant evidence of strong

284

00:11:54,150 --> 00:11:51,200

bias in selecting the literature cited

285

00:11:55,350 --> 00:11:54,160

and sometimes outright misrepresentation

286

00:11:58,230 --> 00:11:55,360

of the facts

287

00:11:58,949 --> 00:11:58,240

we agree that critique of immunization

288

00:12:01,110 --> 00:11:58,959

policy

289

00:12:02,790 --> 00:12:01,120

is a valid academic exercise and goes

290

00:12:05,269 --> 00:12:02,800

beyond technical knowledge

291

00:12:06,310 --> 00:12:05,279

but equally it cannot be based on

292

00:12:09,269 --> 00:12:06,320

incomplete

293

00:12:10,389 --> 00:12:09,279

flawed and technical assertions end

294

00:12:14,470 --> 00:12:10,399

quote

295

00:12:17,030 --> 00:12:14,480

the critics call for a please explain

296

00:12:17,750 --> 00:12:17,040

review of the process of awarding the

297

00:12:19,670 --> 00:12:17,760

doctorate

298

00:12:21,350 --> 00:12:19,680

and the specific claims made in the

299

00:12:24,629 --> 00:12:21,360

thesis

300

00:12:24,949 --> 00:12:24,639

the response the immediate response was

301
00:12:28,710 --> 00:12:24,959

a

302
00:12:29,910 --> 00:12:28,720

defense of free speech the university

303
00:12:33,269 --> 00:12:29,920

issued a statement

304
00:12:35,430 --> 00:12:33,279

that quote the university of wollongong

305
00:12:36,790 --> 00:12:35,440

ensures research is undertaken according

306
00:12:39,269 --> 00:12:36,800

to strict ethical

307
00:12:40,230 --> 00:12:39,279

and quality standards and supports

308
00:12:42,310 --> 00:12:40,240

researchers

309
00:12:43,509 --> 00:12:42,320

academic freedom of thought and

310
00:12:45,350 --> 00:12:43,519

expression

311
00:12:47,350 --> 00:12:45,360

the university of wollongong does not

312
00:12:48,069 --> 00:12:47,360

restrict the subjects into which

313
00:12:50,710 --> 00:12:48,079

research

314

00:12:51,110 --> 00:12:50,720

may be undertaken just because they

315

00:12:53,030 --> 00:12:51,120

involve

316

00:12:56,150 --> 00:12:53,040

public controversy or because

317

00:12:59,430 --> 00:12:56,160

individuals or groups oppose the topic

318

00:13:01,670 --> 00:12:59,440

or the findings end quote martin

319

00:13:02,470 --> 00:13:01,680

dismissed concerns saying that they were

320

00:13:05,350 --> 00:13:02,480

quote

321

00:13:06,069 --> 00:13:05,360

not genuine concerns about quality and

322

00:13:08,310 --> 00:13:06,079

probity

323

00:13:10,389 --> 00:13:08,320

but instead part of a campaign to

324

00:13:12,990 --> 00:13:10,399

denigrate viewpoints they oppose

325

00:13:16,150 --> 00:13:13,000

end quote this is obviously a

326

00:13:18,790 --> 00:13:16,160

misrepresentation of the issues raised

327

00:13:19,190 --> 00:13:18,800

they do not concern freedom of speech

328

00:13:21,910 --> 00:13:19,200

but

329

00:13:22,870 --> 00:13:21,920

rather they criticize the thesis itself

330

00:13:26,949 --> 00:13:22,880

for clear

331

00:13:29,430 --> 00:13:26,959

scientific errors and misrepresentations

332

00:13:30,389 --> 00:13:29,440

and the review process for apparently

333

00:13:33,509 --> 00:13:30,399

ignoring

334

00:13:35,350 --> 00:13:33,519

the serious flaws in the thesis it was

335

00:13:38,710 --> 00:13:35,360

later revealed that one of the

336

00:13:41,350 --> 00:13:38,720

thesis reviewers unnamed

337

00:13:42,230 --> 00:13:41,360

as were all the reviewers expressed

338

00:13:44,710 --> 00:13:42,240

quote

339

00:13:46,069 --> 00:13:44,720

serious concerns about the lack of

340

00:13:48,790 --> 00:13:46,079

engagement with

341

00:13:49,590 --> 00:13:48,800

existing literature and the lack of an

342

00:13:52,470 --> 00:13:49,600

appropriate

343

00:13:55,110 --> 00:13:52,480

theoretical framework end quote they

344

00:13:58,710 --> 00:13:55,120

also felt that the thesis showed

345

00:14:02,310 --> 00:13:58,720

no evidence that wileyman conducted

346

00:14:04,629 --> 00:14:02,320

original research nor

347

00:14:05,350 --> 00:14:04,639

that it demonstrated that she had made

348

00:14:07,509 --> 00:14:05,360

quote

349

00:14:09,269 --> 00:14:07,519

a significant contribution to the

350

00:14:12,470 --> 00:14:09,279

knowledge of the subject

351
00:14:13,269 --> 00:14:12,480
end quote those concerns were put to one

352
00:14:15,670 --> 00:14:13,279
side

353
00:14:16,550 --> 00:14:15,680
and another reviewer was found who

354
00:14:19,990 --> 00:14:16,560
presented

355
00:14:21,350 --> 00:14:20,000
a more favorable response there was no

356
00:14:24,150 --> 00:14:21,360
review of the process

357
00:14:26,870 --> 00:14:24,160
that was used specifically to assess

358
00:14:31,269 --> 00:14:26,880
wilyman's thesis gaining a phd

359
00:14:32,949 --> 00:14:31,279
instead this was a desktop review

360
00:14:34,790 --> 00:14:32,959
of the university of wollongong's

361
00:14:36,949 --> 00:14:34,800
general processes

362
00:14:38,230 --> 00:14:36,959
the university of wollongong reviewed 18

363
00:14:40,710 --> 00:14:38,240

policy documents

364

00:14:43,110 --> 00:14:40,720

which applied to the processes that led

365

00:14:46,790 --> 00:14:43,120

to wileyman's phd thesis

366

00:14:47,350 --> 00:14:46,800

examination and award these documents

367

00:14:49,750 --> 00:14:47,360

were

368

00:14:51,350 --> 00:14:49,760

benchmarked against similar documents

369

00:14:54,310 --> 00:14:51,360

and processes used at

370

00:14:55,030 --> 00:14:54,320

four other australian universities the

371

00:14:58,230 --> 00:14:55,040

review's

372

00:15:00,230 --> 00:14:58,240

first key finding was that quote

373

00:15:02,750 --> 00:15:00,240

the university of wollongong's wide

374

00:15:05,990 --> 00:15:02,760

policy framework relevant to

375

00:15:08,470 --> 00:15:06,000

hdr higher degree research

376

00:15:09,750 --> 00:15:08,480

students is compliant with the tertiary

377

00:15:12,069 --> 00:15:09,760

education's quality

378

00:15:13,110 --> 00:15:12,079

and standard agencies higher education

379

00:15:16,949 --> 00:15:13,120

standards

380

00:15:21,590 --> 00:15:16,959

and with the a r c

381

00:15:24,310 --> 00:15:21,600

n h m r c code of responsible research

382

00:15:25,990 --> 00:15:24,320

end quote the critics of the thesis had

383

00:15:28,150 --> 00:15:26,000

not attacked the university of

384

00:15:30,550 --> 00:15:28,160

wollongong's general process

385

00:15:31,590 --> 00:15:30,560

which did not need a review the

386

00:15:34,069 --> 00:15:31,600

complaints were

387

00:15:34,790 --> 00:15:34,079

directed specifically at wileyman's

388

00:15:37,110 --> 00:15:34,800

thesis

389

00:15:37,829 --> 00:15:37,120

how it had been reviewed whether it had

390

00:15:40,949 --> 00:15:37,839

been fact

391

00:15:42,710 --> 00:15:40,959

checked and how it had been supervised

392

00:15:44,389 --> 00:15:42,720

the university of wollongong did not

393

00:15:46,230 --> 00:15:44,399

review these matters

394

00:15:47,749 --> 00:15:46,240

the university of wollongong expressed

395

00:15:50,069 --> 00:15:47,759

confidence in its

396

00:15:52,150 --> 00:15:50,079

general procedures without checking

397

00:15:55,910 --> 00:15:52,160

whether these had been applied

398

00:15:59,350 --> 00:15:55,920

diligently to wilyman's offerings

399

00:16:02,269 --> 00:15:59,360

scientific bonafides

400

00:16:04,949 --> 00:16:02,279

wileyman has taken a leading role in the

401
00:16:07,829 --> 00:16:04,959
anti-vaccination movement for some time

402
00:16:08,829 --> 00:16:07,839
both in australia and overseas including

403
00:16:11,189 --> 00:16:08,839
presentations at

404
00:16:12,470 --> 00:16:11,199
anti-vaccination rallies and support for

405
00:16:15,910 --> 00:16:12,480
the australian

406
00:16:19,110 --> 00:16:15,920
vaccination skeptics risk network

407
00:16:21,189 --> 00:16:19,120
the avn under whatever name has been a

408
00:16:23,990 --> 00:16:21,199
notorious provider of

409
00:16:25,350 --> 00:16:24,000
pseudo medical information regularly

410
00:16:26,470 --> 00:16:25,360
putting up claims that have been

411
00:16:28,310 --> 00:16:26,480
debunked

412
00:16:29,590 --> 00:16:28,320
wileyman has gone to great pains to

413
00:16:32,230 --> 00:16:29,600

stress her scientific

414

00:16:33,430 --> 00:16:32,240

credentials and authority concerning

415

00:16:36,470 --> 00:16:33,440

vaccination

416

00:16:39,350 --> 00:16:36,480

with particular regard to her thesis

417

00:16:41,509 --> 00:16:39,360

wileyman's academic background begins

418

00:16:43,269 --> 00:16:41,519

with a bachelor of science degree at the

419

00:16:45,189 --> 00:16:43,279

university of new south wales

420

00:16:47,350 --> 00:16:45,199

and a dip ed from the university of

421

00:16:49,670 --> 00:16:47,360

wollongong she then taught at high

422

00:16:51,590 --> 00:16:49,680

school in wollongong for nine years

423

00:16:53,189 --> 00:16:51,600

followed by a masters at the university

424

00:16:56,150 --> 00:16:53,199

of wollongong master of

425

00:16:58,310 --> 00:16:56,160

science population health she began her

426

00:17:00,790 --> 00:16:58,320

phd at the university of wollongong

427

00:17:01,990 --> 00:17:00,800

transferred to murdoch university in

428

00:17:04,309 --> 00:17:02,000

western australia

429

00:17:06,710 --> 00:17:04,319

where she was under the supervision of

430

00:17:08,949 --> 00:17:06,720

dr peter dingle

431

00:17:10,870 --> 00:17:08,959

dingle has had his own issues with

432

00:17:12,949 --> 00:17:10,880

alternative medicine treatments

433

00:17:14,710 --> 00:17:12,959

particularly associated with his wife's

434

00:17:16,710 --> 00:17:14,720

dying of colonic cancer

435

00:17:17,990 --> 00:17:16,720

having been treated with homeopathy

436

00:17:20,549 --> 00:17:18,000

rather than evidence-based

437

00:17:22,150 --> 00:17:20,559

medicine the coroner in that case

438

00:17:25,510 --> 00:17:22,160

suggested that dingle had

439

00:17:28,230 --> 00:17:25,520

contributed to his wife's death quote

440

00:17:28,870 --> 00:17:28,240

insofar as he supported and assisted

441

00:17:31,350 --> 00:17:28,880

with

442

00:17:31,990 --> 00:17:31,360

the homeopaths treatment and kept the

443

00:17:34,630 --> 00:17:32,000

deceased

444

00:17:36,470 --> 00:17:34,640

away from outside influence which

445

00:17:39,590 --> 00:17:36,480

contributed to his wife's

446

00:17:42,789 --> 00:17:39,600

loss of a chance of survival

447

00:17:45,270 --> 00:17:42,799

end quote you can see a full report in

448

00:17:47,029 --> 00:17:45,280

the skeptic magazine volume 31 number

449

00:17:49,830 --> 00:17:47,039

one

450

00:17:51,190 --> 00:17:49,840

wileyman says she lectured at murdoch

451
00:17:53,510 --> 00:17:51,200
for a couple of years

452
00:17:55,750 --> 00:17:53,520
quote lecturer and researcher in

453
00:17:58,230 --> 00:17:55,760
environmental and occupational health

454
00:18:00,070 --> 00:17:58,240
murdoch university end quote we have

455
00:18:02,310 --> 00:18:00,080
been trying to confirm that with murdoch

456
00:18:04,470 --> 00:18:02,320
university though the university has

457
00:18:06,070 --> 00:18:04,480
been unwilling to supply the information

458
00:18:08,230 --> 00:18:06,080
requested

459
00:18:10,150 --> 00:18:08,240
during her days studying for a phd she

460
00:18:11,110 --> 00:18:10,160
would regularly sign off emails and

461
00:18:14,390 --> 00:18:11,120
letters as

462
00:18:15,190 --> 00:18:14,400
quote julie wileyman phd researcher end

463
00:18:21,909 --> 00:18:15,200

quote

464

00:18:23,350 --> 00:18:21,919

both unofficial titles seemingly in an

465

00:18:26,549 --> 00:18:23,360

effort to add kudos

466

00:18:27,990 --> 00:18:26,559

to any arguments she might make wileyman

467

00:18:29,909 --> 00:18:28,000

then went back to the university of

468

00:18:32,950 --> 00:18:29,919

wollongong to complete her phd

469

00:18:33,870 --> 00:18:32,960

under martin while at murdoch wileyman

470

00:18:36,549 --> 00:18:33,880

presented an

471

00:18:37,830 --> 00:18:36,559

anti-vaccination poster at a conference

472

00:18:40,830 --> 00:18:37,840

which had the murdoch

473

00:18:42,789 --> 00:18:40,840

uni logo on it this greatly upset the

474

00:18:46,070 --> 00:18:42,799

university with an email

475

00:18:48,950 --> 00:18:46,080

to skeptic dr rachel dunlop saying

476
00:18:49,350 --> 00:18:48,960
quote murdoch has spent considerable

477
00:18:51,590 --> 00:18:49,360
time

478
00:18:54,310 --> 00:18:51,600
and energy in having the poster removed

479
00:18:57,029 --> 00:18:54,320
from various anti-vaccination websites

480
00:18:58,310 --> 00:18:57,039
and cannot allow the poster to be used

481
00:19:01,590 --> 00:18:58,320
in any format

482
00:19:02,070 --> 00:19:01,600
on any website end quote and of course

483
00:19:06,950 --> 00:19:02,080
dr

484
00:19:10,390 --> 00:19:06,960
original reporters right here

485
00:19:13,350 --> 00:19:10,400
on the skeptic's own podcast

486
00:19:15,270 --> 00:19:13,360
in an interview on perth radio it was

487
00:19:18,390 --> 00:19:15,280
suggested that

488
00:19:18,870 --> 00:19:18,400

quote a lot of the media reporting on

489

00:19:25,190 --> 00:19:18,880

you

490

00:19:28,870 --> 00:19:25,200

actually got a master of science degree

491

00:19:29,990 --> 00:19:28,880

end quote why leemon responded quote

492

00:19:31,990 --> 00:19:30,000

i'd like to give you a little

493

00:19:32,950 --> 00:19:32,000

perspective on my research because my

494

00:19:35,430 --> 00:19:32,960

background is

495

00:19:37,510 --> 00:19:35,440

completely scientific after i completed

496

00:19:39,510 --> 00:19:37,520

my master of science in health

497

00:19:42,150 --> 00:19:39,520

i lectured at murdoch uni for a couple

498

00:19:44,710 --> 00:19:42,160

of years my research was partly

499

00:19:45,350 --> 00:19:44,720

in the health department now it's in the

500

00:19:47,430 --> 00:19:45,360

social

501
00:19:49,669 --> 00:19:47,440
science department end quote the

502
00:19:52,070 --> 00:19:49,679
university of wollongong phd

503
00:19:53,350 --> 00:19:52,080
at the social science department is

504
00:19:56,390 --> 00:19:53,360
within the faculty of

505
00:19:59,990 --> 00:19:56,400
arts social sciences and humanities

506
00:20:03,029 --> 00:20:00,000
so technically it is an arts degree

507
00:20:05,909 --> 00:20:03,039
she put herself forward as an expert

508
00:20:07,990 --> 00:20:05,919
scientific witness in at least two legal

509
00:20:10,630 --> 00:20:08,000
cases in australia and new zealand

510
00:20:11,669 --> 00:20:10,640
that involved custody disputes between

511
00:20:12,950 --> 00:20:11,679
parents

512
00:20:15,270 --> 00:20:12,960
who hold different views on the

513
00:20:18,789 --> 00:20:15,280

necessity of vaccination

514

00:20:21,350 --> 00:20:18,799

she has used the doctor title

515

00:20:22,470 --> 00:20:21,360

that her doctorate confers as a

516

00:20:24,950 --> 00:20:22,480

qualification

517

00:20:25,830 --> 00:20:24,960

to be a witness in such cases

518

00:20:28,789 --> 00:20:25,840

nonetheless

519

00:20:30,230 --> 00:20:28,799

in those cases where there are summaries

520

00:20:33,430 --> 00:20:30,240

readily available

521

00:20:35,350 --> 00:20:33,440

her testimony has been rejected in a new

522

00:20:38,630 --> 00:20:35,360

zealand case late last year

523

00:20:41,669 --> 00:20:38,640

the judge dismissed wyliman as not

524

00:20:43,909 --> 00:20:41,679

credible she has even changed the name

525

00:20:44,549 --> 00:20:43,919

of her doctorate thesis in the signature

526
00:20:47,669 --> 00:20:44,559
block

527
00:20:49,270 --> 00:20:47,679
of her newsletters as quote

528
00:20:51,110 --> 00:20:49,280
the science and politics of the

529
00:20:52,230 --> 00:20:51,120
australian government's vaccination

530
00:20:55,669 --> 00:20:52,240
program end quote

531
00:20:57,990 --> 00:20:55,679
to repeat the actual title is quote

532
00:20:59,750 --> 00:20:58,000
a critical analysis of the australian

533
00:21:01,270 --> 00:20:59,760
government's rationale for its

534
00:21:04,549 --> 00:21:01,280
vaccination policy

535
00:21:05,830 --> 00:21:04,559
end quote no mention of science or

536
00:21:08,549 --> 00:21:05,840
politics

537
00:21:09,270 --> 00:21:08,559
which indicates she is trying to recast

538
00:21:12,230 --> 00:21:09,280

it as

539

00:21:14,950 --> 00:21:12,240

a factual science-based document on

540

00:21:18,149 --> 00:21:14,960

which the various reviews have cast

541

00:21:20,230 --> 00:21:18,159

serious doubt she ran as a candidate in

542

00:21:23,430 --> 00:21:20,240

the western australian senate

543

00:21:25,270 --> 00:21:23,440

in the 2019 federal election as a

544

00:21:28,549 --> 00:21:25,280

member of the anti-vaccination

545

00:21:31,669 --> 00:21:28,559

involuntary medication objectives

546

00:21:31,990 --> 00:21:31,679

vaccination fluoride party later changed

547

00:21:35,270 --> 00:21:32,000

to

548

00:21:38,310 --> 00:21:35,280

informed medical options party she

549

00:21:40,870 --> 00:21:38,320

is described on imp's website as

550

00:21:42,230 --> 00:21:40,880

quote phd specialist in government

551
00:21:44,950 --> 00:21:42,240
vaccination policies

552
00:21:45,510 --> 00:21:44,960
end quote the party did not win any

553
00:21:49,110 --> 00:21:45,520
seats

554
00:21:51,990 --> 00:21:49,120
at the election the university's role

555
00:21:53,270 --> 00:21:52,000
overall the university of wollongong has

556
00:21:55,830 --> 00:21:53,280
given its imprimata

557
00:21:57,430 --> 00:21:55,840
to a seriously flawed document that

558
00:22:00,149 --> 00:21:57,440
should never have passed

559
00:22:02,710 --> 00:22:00,159
even a cursory glance it has given

560
00:22:03,990 --> 00:22:02,720
wileyman a weapon to use in her attacks

561
00:22:07,110 --> 00:22:04,000
on vaccination

562
00:22:08,070 --> 00:22:07,120
claiming a scientific support for her

563
00:22:11,350 --> 00:22:08,080

claims

564

00:22:13,830 --> 00:22:11,360

which clearly does not exist as the

565

00:22:17,350 --> 00:22:13,840

authors of the 2019 vaccination paper

566

00:22:18,070 --> 00:22:17,360

say quote almost three years after the

567

00:22:21,510 --> 00:22:18,080

event

568

00:22:24,149 --> 00:22:21,520

the award of a phd by a reputable

569

00:22:24,870 --> 00:22:24,159

university has validated the thesis

570

00:22:26,870 --> 00:22:24,880

claims

571

00:22:28,310 --> 00:22:26,880

and allowed the author to add weight to

572

00:22:31,190 --> 00:22:28,320

her subsequent

573

00:22:32,549 --> 00:22:31,200

prolific writings including open letters

574

00:22:34,950 --> 00:22:32,559

to politicians

575

00:22:36,230 --> 00:22:34,960

and seminars to parents with

576

00:22:38,950 --> 00:22:36,240

consequences on a

577

00:22:40,149 --> 00:22:38,960

national and international scale

578

00:22:43,350 --> 00:22:40,159

tangible evidence

579

00:22:46,950 --> 00:22:43,360

of real world consequences come from

580

00:22:50,270 --> 00:22:46,960

two sources first two of us

581

00:22:52,789 --> 00:22:50,280

kw and jl in our research with

582

00:22:56,070 --> 00:22:52,799

non-vaccinating australian parents

583

00:22:59,029 --> 00:22:56,080

find some who state that material

584

00:23:01,350 --> 00:22:59,039

in this phd thesis and its endorsement

585

00:23:03,190 --> 00:23:01,360

by a recognized university supports

586

00:23:04,470 --> 00:23:03,200

their decision not to vaccinate their

587

00:23:06,870 --> 00:23:04,480

children

588

00:23:09,029 --> 00:23:06,880

second the author of the thesis has put

589

00:23:11,590 --> 00:23:09,039

herself forward as an expert witness in

590

00:23:13,029 --> 00:23:11,600

legal proceedings where parents are in

591

00:23:15,590 --> 00:23:13,039

dispute over the need

592

00:23:19,190 --> 00:23:15,600

for their children's immunization by

593

00:23:24,630 --> 00:23:19,200

positioning her status as a phd graduate

594

00:23:28,149 --> 00:23:24,640

to assert expert status end quote

595

00:23:31,830 --> 00:23:28,159

can the university of wollongong revoke

596

00:23:33,990 --> 00:23:31,840

wyliman's phd it can certainly

597

00:23:35,110 --> 00:23:34,000

revoke a degree and has done so in the

598

00:23:38,149 --> 00:23:35,120

past

599

00:23:40,070 --> 00:23:38,159

notably recently with the my master

600

00:23:40,950 --> 00:23:40,080

scandal of students from various

601
00:23:43,830 --> 00:23:40,960
institutions

602
00:23:45,750 --> 00:23:43,840
purchasing essays according to the

603
00:23:46,390 --> 00:23:45,760
university of wollongong's higher degree

604
00:23:49,430 --> 00:23:46,400
research

605
00:23:52,789 --> 00:23:49,440
award rules the university can

606
00:23:55,190 --> 00:23:52,799
quote withdraw an offer of admission

607
00:23:55,990 --> 00:23:55,200
where the offer is made on the basis of

608
00:23:58,230 --> 00:23:56,000
incomplete

609
00:24:00,630 --> 00:23:58,240
inaccurate fraudulent or misleading

610
00:24:04,789 --> 00:24:00,640
information supplied by the applicant

611
00:24:07,830 --> 00:24:04,799
or by certifying authority then quote

612
00:24:09,750 --> 00:24:07,840
hdr award rules admission principles

613
00:24:12,630 --> 00:24:09,760

item number 28

614

00:24:15,350 --> 00:24:12,640

the consequences of wiley min's

615

00:24:17,990 --> 00:24:15,360

promotion of her phd to establish

616

00:24:19,269 --> 00:24:18,000

credibility with a general audience are

617

00:24:22,310 --> 00:24:19,279

considerable

618

00:24:25,990 --> 00:24:22,320

if she is believed the outcome could

619

00:24:28,390 --> 00:24:26,000

arguably be more preventable diseases

620

00:24:29,029 --> 00:24:28,400

suffering and death not to mention

621

00:24:32,070 --> 00:24:29,039

stress

622

00:24:34,789 --> 00:24:32,080

on the health budget wileyman

623

00:24:35,510 --> 00:24:34,799

martin and the university of wollongong

624

00:24:37,990 --> 00:24:35,520

must take

625

00:24:39,430 --> 00:24:38,000

some responsibility for this hiding

626
00:24:43,029 --> 00:24:39,440
behind a defense of

627
00:24:45,830 --> 00:24:43,039
free speech is disingenuous and harmful

628
00:24:46,630 --> 00:24:45,840
and something should be done at the very

629
00:24:48,870 --> 00:24:46,640
least

630
00:24:49,990 --> 00:24:48,880
a complaint of academic misconduct

631
00:24:51,909 --> 00:24:50,000
should be made

632
00:24:58,830 --> 00:24:51,919
with the insistence that it be

633
00:25:02,789 --> 00:25:00,390
expert

634
00:25:03,830 --> 00:25:02,799
about the author ken mcLeod is a

635
00:25:07,430 --> 00:25:03,840
campaigner against

636
00:25:13,510 --> 00:25:07,440
pseudo-medicine and the founder of stop

637
00:25:17,830 --> 00:25:15,430
and once again that comes from the very

638
00:25:19,510 --> 00:25:17,840

latest issue of the magazine the skeptic

639

00:25:21,430 --> 00:25:19,520

the journal from australian skeptics

640

00:25:25,830 --> 00:25:21,440

and you can download that article for

641

00:25:28,310 --> 00:25:25,840

yourself by visiting www.skeptics.com.eu

642

00:25:29,269 --> 00:25:28,320

it's like a free sample of the current

643

00:25:31,350 --> 00:25:29,279

issue

644

00:25:33,350 --> 00:25:31,360

don't forget you can subscribe to the

645

00:25:35,029 --> 00:25:33,360

magazine and have it delivered to your

646

00:25:38,230 --> 00:25:35,039

inbox or to your post box

647

00:25:38,789 --> 00:25:38,240

a physical copy four times a year and of

648

00:25:40,870 --> 00:25:38,799

course

649

00:25:42,070 --> 00:25:40,880

as you well know by listening to the

650

00:25:45,590 --> 00:25:42,080

skeptic zone

651
00:25:48,870 --> 00:25:45,600
all the back issues by the last four of

652
00:25:51,909 --> 00:25:48,880
the skeptic magazine going back 40

653
00:25:58,100 --> 00:25:51,919
years are available free for you to

654
00:27:18,830 --> 00:26:29,820
[Music]

655
00:27:18,840 --> 00:27:22,050
is

656
00:27:30,789 --> 00:27:29,029
[Music]

657
00:27:33,269 --> 00:27:30,799
now on last week's show we were looking

658
00:27:36,549 --> 00:27:33,279
at water divining water dowsing in the

659
00:27:38,710 --> 00:27:36,559
pages the digitized pages of trove

660
00:27:40,230 --> 00:27:38,720
the online resource from the australian

661
00:27:41,350 --> 00:27:40,240
government the national library of

662
00:27:43,750 --> 00:27:41,360
australia

663
00:27:46,310 --> 00:27:43,760

and we discovered some correspondence

664

00:27:48,789 --> 00:27:46,320

from the year 1912.

665

00:27:49,950 --> 00:27:48,799

well this week we're going to go forward

666

00:27:53,430 --> 00:27:49,960

to the year

667

00:27:57,940 --> 00:27:53,440

1945 to an interesting series of

668

00:28:00,830 --> 00:27:57,950

letters written by skeptics and

669

00:28:03,350 --> 00:28:00,840

[Music]

670

00:28:05,909 --> 00:28:03,360

believers

671

00:28:07,590 --> 00:28:05,919

january the second in the west

672

00:28:10,549 --> 00:28:07,600

australian

673

00:28:12,470 --> 00:28:10,559

and the heading water divining a

674

00:28:15,990 --> 00:28:12,480

skeptic's impressions

675

00:28:18,310 --> 00:28:16,000

to the editor sir in regard to recent

676
00:28:20,470 --> 00:28:18,320
letters on the subject of water divining

677
00:28:21,350 --> 00:28:20,480
it is not about time that this maligned

678
00:28:24,389 --> 00:28:21,360
cult

679
00:28:25,110 --> 00:28:24,399
this hyperclan of innocence was accepted

680
00:28:27,590 --> 00:28:25,120
by us

681
00:28:29,029 --> 00:28:27,600
less immortals or else debunked

682
00:28:32,389 --> 00:28:29,039
altogether

683
00:28:33,430 --> 00:28:32,399
if their claims are true if this power

684
00:28:37,110 --> 00:28:33,440
is legitimate

685
00:28:39,909 --> 00:28:37,120
then here in our very midst are the most

686
00:28:41,510 --> 00:28:39,919
grandiose revolutionaries the world has

687
00:28:44,630 --> 00:28:41,520
ever known

688
00:28:45,590 --> 00:28:44,640

here are men who shall turn science

689

00:28:48,149 --> 00:28:45,600

upside down

690

00:28:50,070 --> 00:28:48,159

confound the universe but save our

691

00:28:53,510 --> 00:28:50,080

civilization nevertheless

692

00:28:56,310 --> 00:28:53,520

they shall give hope to the forlorn

693

00:28:58,549 --> 00:28:56,320

sucker to the dying and elemental

694

00:29:01,029 --> 00:28:58,559

vedancy to the desert

695

00:29:02,310 --> 00:29:01,039

surely they ought to be encouraged or

696

00:29:04,950 --> 00:29:02,320

painlessly

697

00:29:06,070 --> 00:29:04,960

exterminated hmm that's a little bit

698

00:29:09,350 --> 00:29:06,080

harsh

699

00:29:10,830 --> 00:29:09,360

each and every rural area is plagued by

700

00:29:13,510 --> 00:29:10,840

a galaxy of those

701
00:29:15,350 --> 00:29:13,520
cognoscenti some of whom admittedly

702
00:29:18,230 --> 00:29:15,360
display a remarkable degree of

703
00:29:20,230 --> 00:29:18,240
sincerity in their hallucinations whilst

704
00:29:21,590 --> 00:29:20,240
others cloak their ignorance in a very

705
00:29:23,190 --> 00:29:21,600
imposing manner

706
00:29:25,430 --> 00:29:23,200
lending very similitude to their

707
00:29:26,630 --> 00:29:25,440
catawallings by the most amazing

708
00:29:30,310 --> 00:29:26,640
gymnastics

709
00:29:33,190 --> 00:29:30,320
some use fork branches from green bushes

710
00:29:34,310 --> 00:29:33,200
others prefer the bushes to be dead some

711
00:29:36,870 --> 00:29:34,320
use straight sticks

712
00:29:37,590 --> 00:29:36,880
others used fossilized relics of no

713
00:29:41,990 --> 00:29:37,600

particular

714

00:29:45,669 --> 00:29:42,000

form some use wire bent in inappropriate

715

00:29:48,950 --> 00:29:45,679

specified personal and proved shapes

716

00:29:50,789 --> 00:29:48,960

ranging from the likeness of a v and

717

00:29:52,470 --> 00:29:50,799

l back and forth through the

718

00:29:55,350 --> 00:29:52,480

alphabetical complex

719

00:29:57,269 --> 00:29:55,360

and the incomprehensible hieroglyphics

720

00:30:01,029 --> 00:29:57,279

of their own imaginations

721

00:30:01,430 --> 00:30:01,039

some use crowbars some wet their hands

722

00:30:06,389 --> 00:30:01,440

some

723

00:30:09,350 --> 00:30:06,399

others wear rubber soles

724

00:30:10,630 --> 00:30:09,360

some put salt in their mouths some put

725

00:30:13,070 --> 00:30:10,640

silver

726

00:30:14,789 --> 00:30:13,080

all display the most pathological

727

00:30:17,750 --> 00:30:14,799

exhibitionism

728

00:30:19,110 --> 00:30:17,760

and pseudo modesty that it is possible

729

00:30:21,909 --> 00:30:19,120

to conceive

730

00:30:24,549 --> 00:30:21,919

none has heard apparently of auto

731

00:30:28,389 --> 00:30:24,559

suggestion or muscular fatigue

732

00:30:32,950 --> 00:30:28,399

of inertia or of newton

733

00:30:35,590 --> 00:30:32,960

when a stream is discovered

734

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

then for some the divining tool of their

735

00:30:39,190 --> 00:30:36,000

choice

736

00:30:42,389 --> 00:30:39,200

turns irrevocably down

737

00:30:44,710 --> 00:30:42,399

for others it turns irrevocably up for

738

00:30:47,750 --> 00:30:44,720

others still the l-shaped wire

739

00:30:50,710 --> 00:30:47,760

devotees it turns irrevocably

740

00:30:51,750 --> 00:30:50,720

around and around simulating a

741

00:30:54,389 --> 00:30:51,760

psychopathic

742

00:30:56,149 --> 00:30:54,399

interpretation of incoherent

743

00:30:59,389 --> 00:30:56,159

electromotion

744

00:31:01,830 --> 00:30:59,399

and i have heard from quite an

745

00:31:04,389 --> 00:31:01,840

unimpeachable source that was some more

746

00:31:04,950 --> 00:31:04,399

romantic conjures of this ilk the whole

747

00:31:08,389 --> 00:31:04,960

earth

748

00:31:10,630 --> 00:31:08,399

trembles spots appear on the sun

749

00:31:11,909 --> 00:31:10,640

cows go off their milk little babies

750

00:31:14,710 --> 00:31:11,919

howl and

751
00:31:16,230 --> 00:31:14,720
so profound is the shock the poor

752
00:31:19,029 --> 00:31:16,240
suffering diviner himself

753
00:31:19,590 --> 00:31:19,039
overcome with grief emotionalism or

754
00:31:22,230 --> 00:31:19,600
something

755
00:31:23,830 --> 00:31:22,240
generally suffers a complete breakdown

756
00:31:26,269 --> 00:31:23,840
and is invariably

757
00:31:28,590 --> 00:31:26,279
confined to his bed for an

758
00:31:32,230 --> 00:31:28,600
indeterminable time

759
00:31:34,630 --> 00:31:32,240
incontrovertible proof surely but

760
00:31:35,830 --> 00:31:34,640
perhaps i am being a little too

761
00:31:39,669 --> 00:31:35,840
vitriolic

762
00:31:42,549 --> 00:31:39,679
perhaps i am a little too intolerant of

763
00:31:44,830 --> 00:31:42,559

quote water diviners end quote perhaps

764

00:31:48,549 --> 00:31:44,840

even a little

765

00:31:50,950 --> 00:31:48,559

skeptical now well perhaps i am

766

00:31:51,909 --> 00:31:50,960

but then i have tried a half dozen of

767

00:31:54,549 --> 00:31:51,919

them each

768

00:31:55,990 --> 00:31:54,559

varying from the others in his degree of

769

00:31:59,029 --> 00:31:56,000

proficiency

770

00:32:02,070 --> 00:31:59,039

each with bona fides and credentials

771

00:32:04,070 --> 00:32:02,080

of the most conclusive type and i have

772

00:32:06,389 --> 00:32:04,080

been mildly amused

773

00:32:07,750 --> 00:32:06,399

though not impressed by their

774

00:32:09,430 --> 00:32:07,760

contortions

775

00:32:11,830 --> 00:32:09,440

some have affirmed where others have

776

00:32:14,549 --> 00:32:11,840

negated some have condemned where

777

00:32:15,590 --> 00:32:14,559

others have eulogized what sort of

778

00:32:18,909 --> 00:32:15,600

uniformity

779

00:32:20,389 --> 00:32:18,919

is this does the stick exhibit such

780

00:32:24,870 --> 00:32:20,399

vicissitudes

781

00:32:28,310 --> 00:32:24,880

if the power is constant hmm vicissitude

782

00:32:30,310 --> 00:32:28,320

noun plural vicissitudes 1.

783

00:32:32,310 --> 00:32:30,320

a change of circumstance or fortune

784

00:32:36,310 --> 00:32:32,320

typically one that is unwelcome

785

00:32:38,630 --> 00:32:36,320

or unpleasant oh well there's one more

786

00:32:41,350 --> 00:32:38,640

word for your vocabulary

787

00:32:43,110 --> 00:32:41,360

of the six celebrated diviners two have

788

00:32:46,990 --> 00:32:43,120

coincided with regard to

789

00:32:48,710 --> 00:32:47,000

a particular spot but symptomatic of the

790

00:32:52,070 --> 00:32:48,720

irregularity

791

00:32:54,870 --> 00:32:52,080

and inexactness of the superstition

792

00:32:56,070 --> 00:32:54,880

they denied each other violently with

793

00:32:59,590 --> 00:32:56,080

regard to a

794

00:33:01,430 --> 00:32:59,600

second spot how can their claims be

795

00:33:04,389 --> 00:33:01,440

justifiable

796

00:33:05,269 --> 00:33:04,399

when in a root of less than a quarter of

797

00:33:07,509 --> 00:33:05,279

a mile

798

00:33:09,029 --> 00:33:07,519

where in 10 spots have been variously

799

00:33:12,470 --> 00:33:09,039

selected by them

800

00:33:17,350 --> 00:33:12,480

we have the above ludicrous result or

801
00:33:20,630 --> 00:33:17,360
is it that of every 100 diviners

802
00:33:24,149 --> 00:33:20,640
99er spurious their creed is

803
00:33:24,950 --> 00:33:24,159
unique in that it has no coherency no

804
00:33:29,110 --> 00:33:24,960
order

805
00:33:32,149 --> 00:33:29,120
no theory no conformity of practice

806
00:33:34,950 --> 00:33:32,159
is dowsing by science yet

807
00:33:36,149 --> 00:33:34,960
lorded to the skies by unadventurous

808
00:33:38,549 --> 00:33:36,159
minds

809
00:33:39,669 --> 00:33:38,559
it glories in its own little evanescent

810
00:33:43,110 --> 00:33:39,679
ego

811
00:33:45,509 --> 00:33:43,120
but only alas in those self same

812
00:33:46,310 --> 00:33:45,519
temples where the witch doctors are

813
00:33:49,909 --> 00:33:46,320

accredited

814

00:33:53,350 --> 00:33:49,919

paramount yours etc

815

00:33:56,149 --> 00:33:53,360

toss cargo chick wow

816

00:33:57,190 --> 00:33:56,159

them was fighting words in fact lots of

817

00:33:59,350 --> 00:33:57,200

words

818

00:34:02,549 --> 00:33:59,360

this gentleman writing writing back in

819

00:34:09,270 --> 00:34:02,559

1945 certainly knew how to turn a phrase

820

00:34:12,869 --> 00:34:11,669

of course he can't just write that

821

00:34:16,629 --> 00:34:12,879

without

822

00:34:19,589 --> 00:34:16,639

people responding and i have discovered

823

00:34:21,030 --> 00:34:19,599

several replies to his uh column his

824

00:34:23,589 --> 00:34:21,040

letter

825

00:34:25,270 --> 00:34:23,599

and let me have a look here's one from

826

00:34:27,149 --> 00:34:25,280

the same newspaper the west australian

827

00:34:29,510 --> 00:34:27,159

now this is dated the 4th of january

828

00:34:32,790 --> 00:34:29,520

1945.

829

00:34:35,510 --> 00:34:32,800

water dividing a skeptic answered

830

00:34:35,990 --> 00:34:35,520

and this is by aj wheeler from somewhere

831

00:34:37,990 --> 00:34:36,000

called

832

00:34:40,149 --> 00:34:38,000

calamundra which i'm not familiar with

833

00:34:43,510 --> 00:34:40,159

but that's what it says

834

00:34:45,349 --> 00:34:43,520

aj wheeler kalamundra writes

835

00:34:47,270 --> 00:34:45,359

in regard to a letter in the west

836

00:34:48,310 --> 00:34:47,280

australian headed a skeptic's

837

00:34:51,190 --> 00:34:48,320

impressions

838

00:34:53,109 --> 00:34:51,200

by toss kargotzik of byford it would

839

00:34:55,270 --> 00:34:53,119

appear that he has never heard of the

840

00:34:59,589 --> 00:34:55,280

british diviners society

841

00:35:01,589 --> 00:34:59,599

with a membership of 507 in 1943

842

00:35:03,030 --> 00:35:01,599

this includes some of the highest

843

00:35:06,470 --> 00:35:03,040

military officers

844

00:35:08,310 --> 00:35:06,480

as well as scientists before the war

845

00:35:11,430 --> 00:35:08,320

france and germany had dividing

846

00:35:14,790 --> 00:35:11,440

societies with high memberships

847

00:35:17,829 --> 00:35:14,800

that's undoubtedly true does he know

848

00:35:18,550 --> 00:35:17,839

that when the war started hitler formed

849

00:35:21,910 --> 00:35:18,560

a core

850

00:35:23,829 --> 00:35:21,920

of four thousand water diviners and that

851

00:35:26,550 --> 00:35:23,839

the british medical association has

852

00:35:28,710 --> 00:35:26,560

formed a branch society of radiothesia

853

00:35:29,990 --> 00:35:28,720

to study and practice divining from a

854

00:35:32,790 --> 00:35:30,000

medical angle

855

00:35:35,030 --> 00:35:32,800

does he know that miss e m penrose was

856

00:35:37,190 --> 00:35:35,040

appointed official water diviner to the

857

00:35:40,710 --> 00:35:37,200

british colombian government

858

00:35:43,750 --> 00:35:40,720

and that major c a pogson

859

00:35:46,470 --> 00:35:43,760

m.c was loaned from the british army

860

00:35:46,950 --> 00:35:46,480

and was appointed official water diviner

861

00:35:49,190 --> 00:35:46,960

to the

862

00:35:50,790 --> 00:35:49,200

bombay government for a period of four

863

00:35:52,870 --> 00:35:50,800

and a half years

864

00:35:54,710 --> 00:35:52,880

and that ninety percent of his

865

00:35:57,349 --> 00:35:54,720

successful locations

866

00:35:58,790 --> 00:35:57,359

were in tracks where orthodox methods

867

00:36:01,829 --> 00:35:58,800

had failed

868

00:36:03,829 --> 00:36:01,839

it was estimated that the sum saved

869

00:36:04,990 --> 00:36:03,839

through the instrumentality of the water

870

00:36:08,950 --> 00:36:05,000

diviner in

871

00:36:11,990 --> 00:36:08,960

excavating in unfavorable places

872

00:36:14,470 --> 00:36:12,000

was considerable far from the creed

873

00:36:15,829 --> 00:36:14,480

being disowned by science science now

874

00:36:19,589 --> 00:36:15,839

admits the

875

00:36:22,870 --> 00:36:19,599

reception of radiations from matter

876

00:36:26,470 --> 00:36:22,880

by the human agency

877

00:36:27,430 --> 00:36:26,480

will mr kargotchik deny he possesses the

878

00:36:30,310 --> 00:36:27,440

faculty

879

00:36:30,630 --> 00:36:30,320

of natural automatic human television

880

00:36:33,430 --> 00:36:30,640

with

881

00:36:36,150 --> 00:36:33,440

sound effects when he sees and hears a

882

00:36:37,990 --> 00:36:36,160

car passing along a distant road

883

00:36:39,190 --> 00:36:38,000

what's that good to do with it i'm not

884

00:36:42,069 --> 00:36:39,200

sure

885

00:36:43,190 --> 00:36:42,079

with regard to the dipping and rising of

886

00:36:46,550 --> 00:36:43,200

divining rods

887

00:36:49,589 --> 00:36:46,560

persons vary in polarity also

888

00:36:51,670 --> 00:36:49,599

and i'm afraid the next word is smudged

889

00:36:52,710 --> 00:36:51,680

so i can't quite make it out so it says

890

00:36:56,550 --> 00:36:52,720

also something

891

00:36:58,310 --> 00:36:56,560

sticks and metal rods are substances of

892

00:37:01,990 --> 00:36:58,320

opposite polarity

893

00:37:03,190 --> 00:37:02,000

even a meter needle is known to move in

894

00:37:06,230 --> 00:37:03,200

opposite directions

895

00:37:06,870 --> 00:37:06,240

with positive and negative polarity and

896

00:37:09,349 --> 00:37:06,880

finally

897

00:37:11,030 --> 00:37:09,359

it has been proved by scientists

898

00:37:15,030 --> 00:37:11,040

investigating divining

899

00:37:17,829 --> 00:37:15,040

that thought transmission human radio

900

00:37:18,710 --> 00:37:17,839

as an interference to a divine is

901
00:37:23,030 --> 00:37:18,720
working

902
00:37:24,470 --> 00:37:23,040
is a fact and this was in 1945 they're

903
00:37:28,710 --> 00:37:24,480
telegraphing

904
00:37:31,750 --> 00:37:28,720
weird and wonderful excuses for divining

905
00:37:34,790 --> 00:37:31,760
failure when tested by skeptics

906
00:37:36,870 --> 00:37:34,800
perhaps the biased mind of mr kargotchik

907
00:37:38,470 --> 00:37:36,880
prevented diviners accurately working

908
00:37:41,510 --> 00:37:38,480
wow there you go

909
00:37:43,270 --> 00:37:41,520
from 1945 i would not

910
00:37:45,030 --> 00:37:43,280
knowingly work under those conditions

911
00:37:48,310 --> 00:37:45,040
myself

912
00:37:49,589 --> 00:37:48,320
wow special pleading much and here we

913
00:37:54,630 --> 00:37:49,599

have another reply from

914

00:37:57,910 --> 00:37:54,640

h.s kilpatrick midland

915

00:37:59,270 --> 00:37:57,920

junction your correspondence tossed

916

00:38:01,190 --> 00:37:59,280

kagachik

917

00:38:04,150 --> 00:38:01,200

in his supercilious attack on water

918

00:38:06,630 --> 00:38:04,160

dividing exhibits more egotism than

919

00:38:09,430 --> 00:38:06,640

iclercismung they really loved to use

920

00:38:12,069 --> 00:38:09,440

flowery language back in 1945.

921

00:38:12,630 --> 00:38:12,079

i have seen water dividing practice in

922

00:38:15,510 --> 00:38:12,640

three

923

00:38:16,550 --> 00:38:15,520

of australian states by other people and

924

00:38:19,430 --> 00:38:16,560

myself

925

00:38:20,710 --> 00:38:19,440

over a period of 50 years so far as

926
00:38:24,069 --> 00:38:20,720
telling if water is

927
00:38:24,630 --> 00:38:24,079
sweet or salt i have never experimented

928
00:38:27,750 --> 00:38:24,640
in that

929
00:38:31,270 --> 00:38:27,760
matter nor at what depth it will be

930
00:38:33,750 --> 00:38:31,280
struck although the lay of the country

931
00:38:34,710 --> 00:38:33,760
will give helpful indications in this

932
00:38:37,829 --> 00:38:34,720
regard

933
00:38:40,069 --> 00:38:37,839
but i can vouch for the following

934
00:38:42,310 --> 00:38:40,079
if there is water under the ground the

935
00:38:45,430 --> 00:38:42,320
divining rod will find it

936
00:38:48,470 --> 00:38:45,440
you can also tell if the water is

937
00:38:51,109 --> 00:38:48,480
stationary or moving if there is an

938
00:38:53,109 --> 00:38:51,119

underground stream there is no trouble

939

00:38:55,270 --> 00:38:53,119

with the divining rod to follow it

940

00:38:57,990 --> 00:38:55,280

the divining rod will also indicate if

941

00:39:00,230 --> 00:38:58,000

the supply is ample or meager

942

00:39:02,790 --> 00:39:00,240

i am not a professional water diviner

943

00:39:04,870 --> 00:39:02,800

but for friends in many places

944

00:39:06,550 --> 00:39:04,880

i have tried the rod and their

945

00:39:08,710 --> 00:39:06,560

subsequent sinkings

946

00:39:09,670 --> 00:39:08,720

in every instance have verified the

947

00:39:13,750 --> 00:39:09,680

method

948

00:39:16,230 --> 00:39:13,760

fools laugh at their own folly

949

00:39:17,109 --> 00:39:16,240

and the next line says quote a convinced

950

00:39:20,790 --> 00:39:17,119

skeptic

951
00:39:23,109 --> 00:39:20,800
end quote some years ago an estate near

952
00:39:25,349 --> 00:39:23,119
melbourne was cut up into blocks and i

953
00:39:26,870 --> 00:39:25,359
amongst others paid our deposits and

954
00:39:29,910 --> 00:39:26,880
took possession

955
00:39:33,589 --> 00:39:29,920
one day a stranger arrived with his son

956
00:39:37,750 --> 00:39:33,599
and told me he intended to dowse

957
00:39:40,470 --> 00:39:37,760
for water directly i heard him say

958
00:39:41,109 --> 00:39:40,480
dowels it brought back to my mind the

959
00:39:44,150 --> 00:39:41,119
word

960
00:39:46,390 --> 00:39:44,160
dowser which i had known since a child

961
00:39:47,750 --> 00:39:46,400
but had not heard in australia and i

962
00:39:51,430 --> 00:39:47,760
wondered whether it was

963
00:39:53,990 --> 00:39:51,440

the origin of wowzer both words being

964

00:39:57,030 --> 00:39:54,000

associated with water

965

00:39:58,870 --> 00:39:57,040

now for those of you internationally and

966

00:40:00,710 --> 00:39:58,880

presumably this is the same meaning is

967

00:40:03,910 --> 00:40:00,720

used today a wowzer

968

00:40:05,430 --> 00:40:03,920

in australia is someone who basically is

969

00:40:08,470 --> 00:40:05,440

a teetotaler

970

00:40:11,190 --> 00:40:08,480

uh doesn't like uh what raucous behavior

971

00:40:14,470 --> 00:40:11,200

or drinking alcohol that sort of thing

972

00:40:17,510 --> 00:40:14,480

the only water available at the time was

973

00:40:20,550 --> 00:40:17,520

a tap where anyone could take his

974

00:40:22,630 --> 00:40:20,560

kerosene tin and help himself

975

00:40:24,150 --> 00:40:22,640

in many cases it was a long way to the

976

00:40:26,309 --> 00:40:24,160

tap so the man

977

00:40:27,990 --> 00:40:26,319

and his son cut a forked stick and

978

00:40:29,990 --> 00:40:28,000

started to dowse

979

00:40:31,589 --> 00:40:30,000

i was standing by laughing and

980

00:40:33,430 --> 00:40:31,599

exclaiming quote

981

00:40:34,870 --> 00:40:33,440

surely you don't believe in that old

982

00:40:38,390 --> 00:40:34,880

woman's yarn

983

00:40:39,349 --> 00:40:38,400

end quote nothing happened the stick did

984

00:40:42,390 --> 00:40:39,359

not move

985

00:40:44,069 --> 00:40:42,400

suddenly he said quote here you will

986

00:40:44,870 --> 00:40:44,079

take the stick and see if it will work

987

00:40:48,069 --> 00:40:44,880

for you

988

00:40:49,270 --> 00:40:48,079

then quote i walked about and the stick

989

00:40:52,630 --> 00:40:49,280

pointed down

990

00:40:53,670 --> 00:40:52,640

hurting my hands to hold it a well was

991

00:40:57,349 --> 00:40:53,680

dug and within

992

00:40:59,510 --> 00:40:57,359

20 feet abundant water was discovered

993

00:41:01,349 --> 00:40:59,520

since then i have found that the stick

994

00:41:04,150 --> 00:41:01,359

works for me wherever

995

00:41:05,670 --> 00:41:04,160

there is water the puzzle however

996

00:41:09,030 --> 00:41:05,680

remains

997

00:41:12,309 --> 00:41:09,040

why does it not work for everyone

998

00:41:15,349 --> 00:41:12,319

and the next entry we have here says

999

00:41:18,630 --> 00:41:15,359

quote oh grady in quote

1000

00:41:19,990 --> 00:41:18,640

carlisle i have seen a lot of water

1001
00:41:23,109 --> 00:41:20,000
diviners in my travel

1002
00:41:24,309 --> 00:41:23,119
having been a prospector borer and well

1003
00:41:27,950 --> 00:41:24,319
sinker in queensland

1004
00:41:30,710 --> 00:41:27,960
new south wales and the west since

1005
00:41:33,270 --> 00:41:30,720
1895. i find that i would

1006
00:41:34,550 --> 00:41:33,280
sooner put my faith in the man who takes

1007
00:41:37,750 --> 00:41:34,560
notice of the

1008
00:41:39,670 --> 00:41:37,760
strata than the man with the twig

1009
00:41:42,950 --> 00:41:39,680
i will give two experiences i had with

1010
00:41:44,550 --> 00:41:42,960
these supposed water diviners

1011
00:41:46,710 --> 00:41:44,560
i was camped with about 20 other

1012
00:41:47,270 --> 00:41:46,720
prospectors we were getting a little

1013
00:41:50,069 --> 00:41:47,280

gold

1014

00:41:52,470 --> 00:41:50,079

and along came a diviner he said he

1015

00:41:56,309 --> 00:41:52,480

could locate either gold or water

1016

00:42:00,150 --> 00:41:56,319

i had a small nugget about 5 or 6 dwt

1017

00:42:03,349 --> 00:42:00,160

and dwt is a penny weight

1018

00:42:04,470 --> 00:42:03,359

we put it only five or six inches in the

1019

00:42:07,270 --> 00:42:04,480

ground

1020

00:42:07,990 --> 00:42:07,280

then made a square of 15 feet and told

1021

00:42:11,430 --> 00:42:08,000

him

1022

00:42:14,470 --> 00:42:11,440

there was a piece of gold in the square

1023

00:42:17,750 --> 00:42:14,480

we had to get the dry blower to find it

1024

00:42:20,790 --> 00:42:17,760

another time i was sinking a well when

1025

00:42:22,390 --> 00:42:20,800

along came another diviner quote you

1026

00:42:25,750 --> 00:42:22,400

won't get any water here

1027

00:42:27,109 --> 00:42:25,760

and quote he said quote i have been all

1028

00:42:30,550 --> 00:42:27,119

over here with my rod

1029

00:42:32,160 --> 00:42:30,560

end quote i had already put a board down

1030

00:42:34,870 --> 00:42:32,170

and got water

1031

00:42:37,270 --> 00:42:34,880

[Music]

1032

00:42:40,790 --> 00:42:37,280

now here's one published on saturday the

1033

00:42:44,790 --> 00:42:40,800

6th of january 1945 the west australian

1034

00:42:48,230 --> 00:42:44,800

and it seems to be a reply

1035

00:42:51,670 --> 00:42:48,240

to mr kagachik it says water divining

1036

00:42:54,470 --> 00:42:51,680

a challenge to the editor sir

1037

00:42:56,470 --> 00:42:54,480

if mr kargotzik intended his recent

1038

00:42:57,990 --> 00:42:56,480

letter to demonstrate his command of the

1039

00:43:00,390 --> 00:42:58,000

english language

1040

00:43:02,550 --> 00:43:00,400

it was an excellent effort if it was

1041

00:43:04,470 --> 00:43:02,560

intended as a criticism of the art of

1042

00:43:06,790 --> 00:43:04,480

divining a subject of which his

1043

00:43:10,069 --> 00:43:06,800

ignorance is colossal

1044

00:43:11,270 --> 00:43:10,079

it was a flop we have had many cargo

1045

00:43:12,950 --> 00:43:11,280

chicks

1046

00:43:14,710 --> 00:43:12,960

in the past and they are quite as

1047

00:43:18,550 --> 00:43:14,720

numerous today

1048

00:43:20,230 --> 00:43:18,560

they condemn what they do not understand

1049

00:43:22,309 --> 00:43:20,240

well there's nothing new under the sun

1050

00:43:24,950 --> 00:43:22,319

we've heard all these arguments before

1051

00:43:25,990 --> 00:43:24,960

mr gillette met one in a government

1052

00:43:29,829 --> 00:43:26,000

servant

1053

00:43:32,390 --> 00:43:29,839

who generously offered him his expenses

1054

00:43:33,430 --> 00:43:32,400

if he guaranteed that when sent to

1055

00:43:35,510 --> 00:43:33,440

narogan

1056

00:43:36,950 --> 00:43:35,520

he would find a stream within the town

1057

00:43:39,670 --> 00:43:36,960

site at a depth

1058

00:43:39,990 --> 00:43:39,680

of not more than 100 feet producing not

1059

00:43:43,190 --> 00:43:40,000

less

1060

00:43:45,190 --> 00:43:43,200

than 22 000 gallons daily he may have

1061

00:43:46,870 --> 00:43:45,200

laid down those conditions with his

1062

00:43:48,550 --> 00:43:46,880

tongue in his cheek

1063

00:43:50,870 --> 00:43:48,560

on the other hand he may have been

1064

00:43:53,750 --> 00:43:50,880

exhibiting the same ignorance as mr

1065

00:43:54,550 --> 00:43:53,760

kogochik mr gillette undertook to find

1066

00:43:58,309 --> 00:43:54,560

water

1067

00:44:01,430 --> 00:43:58,319

only if it was there not produce it

1068

00:44:04,870 --> 00:44:01,440

in mr cargo chick's letter i can find

1069

00:44:07,109 --> 00:44:04,880

nothing but the vaporings

1070

00:44:08,390 --> 00:44:07,119

of one who certainly has no knowledge of

1071

00:44:10,950 --> 00:44:08,400

his subject

1072

00:44:12,150 --> 00:44:10,960

and his vulgar abuse of the diviners

1073

00:44:15,430 --> 00:44:12,160

leaves me cold

1074

00:44:18,550 --> 00:44:15,440

he says quote perhaps end quote

1075

00:44:21,670 --> 00:44:18,560

he is to quote vitriolic intolerant

1076

00:44:25,270 --> 00:44:21,680

skeptical end quote i would add quote

1077

00:44:28,790 --> 00:44:25,280

and ignorant end quote and i do not

1078

00:44:31,589 --> 00:44:28,800

mean quote perhaps end quote

1079

00:44:32,470 --> 00:44:31,599

and now i would like to give mr kagachik

1080

00:44:36,230 --> 00:44:32,480

a chance to

1081

00:44:37,349 --> 00:44:36,240

back his opinion in a practical way i am

1082

00:44:39,990 --> 00:44:37,359

a diviner

1083

00:44:41,750 --> 00:44:40,000

in a modest way and during the past 50

1084

00:44:45,030 --> 00:44:41,760

years have seen the art

1085

00:44:45,990 --> 00:44:45,040

proved on numerous occasions recently i

1086

00:44:49,270 --> 00:44:46,000

designed

1087

00:44:51,990 --> 00:44:49,280

some sites for my son on his farm

1088

00:44:53,270 --> 00:44:52,000

and i throw out this challenge to mr

1089

00:44:56,150 --> 00:44:53,280

kargoczyk

1090

00:44:57,190 --> 00:44:56,160

i will take him to the farm i will

1091

00:45:00,470 --> 00:44:57,200

follow a stream

1092

00:45:01,270 --> 00:45:00,480

for say half a mile more if he desires

1093

00:45:04,150 --> 00:45:01,280

it

1094

00:45:04,550 --> 00:45:04,160

he may select any spot on the line that

1095

00:45:08,069 --> 00:45:04,560

he

1096

00:45:09,270 --> 00:45:08,079

likes and i will provide a man to bore

1097

00:45:12,630 --> 00:45:09,280

on it

1098

00:45:13,750 --> 00:45:12,640

about a day will do if the boar fails to

1099

00:45:17,109 --> 00:45:13,760

locate water

1100

00:45:20,390 --> 00:45:17,119

from 25 to 40 feet i will forfeit

1101
00:45:21,750 --> 00:45:20,400
50 pounds to any charity and pay all

1102
00:45:24,550 --> 00:45:21,760
expenses of the trip

1103
00:45:27,990 --> 00:45:24,560
and the labor if i locate water mr

1104
00:45:31,670 --> 00:45:28,000
kogachik will forfeit 50 pounds and pay

1105
00:45:33,670 --> 00:45:31,680
all expenses i am only an amateur

1106
00:45:35,430 --> 00:45:33,680
it will be interesting to see if mr

1107
00:45:37,430 --> 00:45:35,440
kargotrick is prepared to back his

1108
00:45:41,589 --> 00:45:37,440
opinion with hard cash

1109
00:45:44,390 --> 00:45:41,599
yours etc tg halbert london court

1110
00:45:46,630 --> 00:45:44,400
perth that's absolutely fascinating

1111
00:45:49,109 --> 00:45:46,640
imagine that a water diviner prepared to

1112
00:45:55,589 --> 00:45:49,119
put his money where his mouth is

1113
00:46:00,069 --> 00:45:57,430

now the next reference i'm finding to

1114

00:46:03,270 --> 00:46:00,079

this interesting thread here

1115

00:46:06,710 --> 00:46:03,280

is from uh

1116

00:46:07,670 --> 00:46:06,720

the army news from darwin northern

1117

00:46:10,390 --> 00:46:07,680

territory on

1118

00:46:12,309 --> 00:46:10,400

sunday the 14th of january 1945 and it's

1119

00:46:15,829 --> 00:46:12,319

very fuzzy

1120

00:46:18,950 --> 00:46:15,839

a little tricky to read it says

1121

00:46:19,829 --> 00:46:18,960

in one of the columns here for the past

1122

00:46:23,670 --> 00:46:19,839

week or so

1123

00:46:26,710 --> 00:46:23,680

there has been a controversy in

1124

00:46:29,990 --> 00:46:26,720

a west australian newspaper

1125

00:46:33,430 --> 00:46:30,000

over water divining mr thomas kalgotchik

1126

00:46:36,630 --> 00:46:33,440

who ridiculed the so-called art

1127

00:46:40,150 --> 00:46:36,640

as having no scientific basis

1128

00:46:42,470 --> 00:46:40,160

says in a further letter that he has

1129

00:46:45,910 --> 00:46:42,480

apparently stirred up a hornet's nest

1130

00:46:47,109 --> 00:46:45,920

he now states and it's just a little

1131

00:46:50,470 --> 00:46:47,119

hard to read in

1132

00:46:53,910 --> 00:46:50,480

allah in i can't it's just a bit

1133

00:46:57,510 --> 00:46:53,920

too fuzzy he now states in reply to mr t

1134

00:47:01,910 --> 00:46:57,520

g halbert well well-known perth salesman

1135

00:47:05,190 --> 00:47:01,920

land salesman quote why does

1136

00:47:08,550 --> 00:47:05,200

not mr halbert guarantee so many

1137

00:47:11,910 --> 00:47:08,560

thousands of gallons of water per day

1138

00:47:15,430 --> 00:47:11,920

divine by himself in the

1139

00:47:24,150 --> 00:47:15,440

properties he holds up for sale what a

1140

00:47:26,069 --> 00:47:24,160

fortune he is losing end quote

1141

00:47:28,790 --> 00:47:26,079

what a treasure hunt this is through the

1142

00:47:29,430 --> 00:47:28,800

years we have the next in this series

1143

00:47:32,470 --> 00:47:29,440

here we go

1144

00:47:33,910 --> 00:47:32,480

the west australian on friday the 12th

1145

00:47:36,950 --> 00:47:33,920

of january 1945

1146

00:47:39,349 --> 00:47:36,960

page seven water divining answer to

1147

00:47:42,390 --> 00:47:39,359

challenge to the editor

1148

00:47:44,710 --> 00:47:42,400

sir i feel honored that my

1149

00:47:46,549 --> 00:47:44,720

recent letter criticizing in a humble

1150

00:47:49,670 --> 00:47:46,559

way the inconsistency

1151

00:47:51,910 --> 00:47:49,680

inanity and inapprehensibility

1152

00:47:52,710 --> 00:47:51,920

of water divining has stirred a hornet's

1153

00:47:55,990 --> 00:47:52,720

nest

1154

00:47:58,309 --> 00:47:56,000

of ire amongst its credulous disciples

1155

00:48:00,710 --> 00:47:58,319

does mr halbert really believe that i

1156

00:48:02,950 --> 00:48:00,720

will accept his idiotic challenge

1157

00:48:05,670 --> 00:48:02,960

does he imagine that anything will be

1158

00:48:09,190 --> 00:48:05,680

proved or disproved by this proposed

1159

00:48:12,069 --> 00:48:09,200

piece of private research why does not

1160

00:48:14,150 --> 00:48:12,079

mr halbert guarantee so many thousands

1161

00:48:17,349 --> 00:48:14,160

of gallons of water per day

1162

00:48:19,109 --> 00:48:17,359

divine by himself in the properties he

1163

00:48:22,470 --> 00:48:19,119

holds up for sale

1164

00:48:24,630 --> 00:48:22,480

what a fortune he is losing if mr

1165

00:48:27,829 --> 00:48:24,640

halbert desires to exonerate

1166

00:48:29,030 --> 00:48:27,839

quote water diviners then quote from the

1167

00:48:31,109 --> 00:48:29,040

suspicion

1168

00:48:32,470 --> 00:48:31,119

under which they are held by the vast

1169

00:48:34,390 --> 00:48:32,480

majority of people

1170

00:48:35,510 --> 00:48:34,400

then he should carry the diviner's

1171

00:48:38,230 --> 00:48:35,520

burden before

1172

00:48:39,270 --> 00:48:38,240

the high altar of scientific vindication

1173

00:48:41,670 --> 00:48:39,280

one locality

1174

00:48:44,069 --> 00:48:41,680

as a test is useless mr halbert might

1175

00:48:46,510 --> 00:48:44,079

know that locality perfectly

1176

00:48:48,309 --> 00:48:46,520

he would have to repeat his

1177

00:48:51,430 --> 00:48:48,319

prognostications with

1178

00:48:54,150 --> 00:48:51,440

100 percent accuracy or thereabouts

1179

00:48:55,030 --> 00:48:54,160

in a district as far apart as say

1180

00:48:58,069 --> 00:48:55,040

kalgoorlie

1181

00:49:01,430 --> 00:48:58,079

albany alice springs darwin dongwara

1182

00:49:02,150 --> 00:49:01,440

and mabulba to all of which he must be

1183

00:49:05,430 --> 00:49:02,160

transported

1184

00:49:07,990 --> 00:49:05,440

blindfolded so that he would not

1185

00:49:10,069 --> 00:49:08,000

have a chance to check the geological

1186

00:49:13,190 --> 00:49:10,079

characteristics of any particular

1187

00:49:15,510 --> 00:49:13,200

area further he would have to compete

1188

00:49:18,630 --> 00:49:15,520

against a trained geologist

1189

00:49:22,150 --> 00:49:18,640

who of course would be free

1190

00:49:23,670 --> 00:49:22,160

to use as he wishes the data of any

1191

00:49:25,190 --> 00:49:23,680

geological survey

1192

00:49:27,230 --> 00:49:25,200

he would have to submit himself to a

1193

00:49:28,630 --> 00:49:27,240

panel of scientists for examination

1194

00:49:31,750 --> 00:49:28,640

cross-examination

1195

00:49:32,309 --> 00:49:31,760

and general scientific analysis i shall

1196

00:49:34,790 --> 00:49:32,319

not be

1197

00:49:35,829 --> 00:49:34,800

interested in any reply by mr halbert

1198

00:49:38,710 --> 00:49:35,839

except in so

1199

00:49:39,190 --> 00:49:38,720

far as it may exceed his initial effort

1200

00:49:42,309 --> 00:49:39,200

in

1201

00:49:45,349 --> 00:49:42,319

the tuberation and flatulency

1202

00:49:48,069 --> 00:49:45,359

yours toss gotcha

1203

00:49:50,309 --> 00:49:48,079

and immediately after that we have under

1204

00:49:53,589 --> 00:49:50,319

the heading an invitation

1205

00:49:55,430 --> 00:49:53,599

I h wilbury pinjara one can easily

1206

00:49:58,150 --> 00:49:55,440

imagine that after pending his

1207

00:49:59,910 --> 00:49:58,160

lengthy diatribe against water diviners

1208

00:50:03,190 --> 00:49:59,920

thomas cargotic read it

1209

00:50:06,790 --> 00:50:03,200

six times over and congratulated himself

1210

00:50:09,510 --> 00:50:06,800

on a very smart piece of writing

1211

00:50:10,870 --> 00:50:09,520

to me one fact seems to creep out of the

1212

00:50:14,230 --> 00:50:10,880

massive verbiage

1213

00:50:16,150 --> 00:50:14,240

in his vitriolic outburst this is that

1214

00:50:19,750 --> 00:50:16,160

mr kargachik has been

1215

00:50:22,150 --> 00:50:19,760

the victim of too many practical jokes

1216

00:50:23,829 --> 00:50:22,160

practiced by pseudo-diviners alive to

1217

00:50:27,270 --> 00:50:23,839

his warmth of feeling

1218

00:50:30,390 --> 00:50:27,280

on a much debated art

1219

00:50:30,710 --> 00:50:30,400

to say that water divining is disowned

1220

00:50:33,190 --> 00:50:30,720

by

1221

00:50:35,030 --> 00:50:33,200

science doesn't mean a thing even

1222

00:50:38,230 --> 00:50:35,040

scientists will admit they

1223

00:50:39,109 --> 00:50:38,240

still have much to learn mr kargotrick's

1224

00:50:42,870 --> 00:50:39,119

experiences

1225

00:50:46,069 --> 00:50:42,880

with diviners have been most unfortunate

1226

00:50:49,430 --> 00:50:46,079

but should he come to pinjara

1227

00:50:50,309 --> 00:50:49,440

i will introduce him to a quiet man

1228

00:50:52,549 --> 00:50:50,319

whose gifts

1229

00:50:53,750 --> 00:50:52,559

in this direction have been utilized

1230

00:50:55,910 --> 00:50:53,760

without question

1231

00:50:58,309 --> 00:50:55,920

by most successful farmers in the

1232

00:51:00,870 --> 00:50:58,319

district over many years

1233

00:51:02,470 --> 00:51:00,880

incidentally the diviner i refer to is a

1234

00:51:05,510 --> 00:51:02,480

close reader of your paper

1235

00:51:08,549 --> 00:51:05,520

and enjoys day by day discussions

1236

00:51:10,790 --> 00:51:08,559

on the news therein yet he has

1237

00:51:11,910 --> 00:51:10,800

completely ignored recent correspondence

1238

00:51:14,390 --> 00:51:11,920

on divining

1239

00:51:16,710 --> 00:51:14,400

for the simple reason that he has never

1240

00:51:22,549 --> 00:51:16,720

questioned his own powers

1241

00:51:24,790 --> 00:51:22,559

and is intolerant of skeptics

1242

00:51:26,630 --> 00:51:24,800

and finally we have one more reply which

1243

00:51:27,349 --> 00:51:26,640

was published in the west australian

1244

00:51:31,349 --> 00:51:27,359

friday the

1245

00:51:35,030 --> 00:51:31,359

19th of january 1945 water divining

1246

00:51:38,470 --> 00:51:35,040

challenger and skeptic to the editor

1247

00:51:41,030 --> 00:51:38,480

sir mr kargotchik leaves me very little

1248

00:51:42,470 --> 00:51:41,040

chance of prizing that 50 pounds from

1249

00:51:44,549 --> 00:51:42,480

his cash box

1250

00:51:45,589 --> 00:51:44,559

i am sorry he thinks my challenge

1251

00:51:47,510 --> 00:51:45,599

idiotic

1252

00:51:50,069 --> 00:51:47,520

but i sympathize with his efforts to

1253

00:51:52,390 --> 00:51:50,079

hang on to the 50 pounds

1254

00:51:53,589 --> 00:51:52,400

certainly i think something is proved by

1255

00:51:56,710 --> 00:51:53,599

what he calls my

1256

00:51:58,069 --> 00:51:56,720

private research if i can find an

1257

00:52:00,470 --> 00:51:58,079

underground stream

1258

00:52:01,349 --> 00:52:00,480

what does it matter if i pinched the

1259

00:52:03,990 --> 00:52:01,359

knowledge from

1260

00:52:04,950 --> 00:52:04,000

someone else as long as the water is

1261

00:52:08,870 --> 00:52:04,960

found

1262

00:52:11,109 --> 00:52:08,880

as mr k has evidently got cold feet i

1263

00:52:13,829 --> 00:52:11,119

shall make it easier for him

1264

00:52:15,910 --> 00:52:13,839

he can choose any locality he likes as

1265

00:52:16,630 --> 00:52:15,920

long as he pays the expenses of getting

1266

00:52:20,309 --> 00:52:16,640

there

1267

00:52:21,589 --> 00:52:20,319

and produces the 50 pounds when i locate

1268

00:52:24,390 --> 00:52:21,599

water

1269

00:52:25,030 --> 00:52:24,400

i did not claim to state at what depth

1270

00:52:27,829 --> 00:52:25,040

water

1271

00:52:28,630 --> 00:52:27,839

could be found nor the quantity i

1272

00:52:30,790 --> 00:52:28,640

guarantee

1273

00:52:33,109 --> 00:52:30,800

only a stream although i have a good

1274

00:52:34,069 --> 00:52:33,119

idea whether it is a strong or weak

1275

00:52:36,710 --> 00:52:34,079

stream

1276

00:52:37,910 --> 00:52:36,720

i leave definite depth and quantity to

1277

00:52:40,390 --> 00:52:37,920

experts

1278

00:52:41,270 --> 00:52:40,400

i pick sites for my clients when asked

1279

00:52:44,790 --> 00:52:41,280

but

1280

00:52:47,190 --> 00:52:44,800

not being a professional i do not charge

1281

00:52:48,309 --> 00:52:47,200

and at my time of life i am more

1282

00:52:51,990 --> 00:52:48,319

interested in that

1283

00:52:54,470 --> 00:52:52,000

50 pounds than in making a fortune

1284

00:52:55,829 --> 00:52:54,480

one client a manager of cattle stations

1285

00:52:58,309 --> 00:52:55,839

in the far north

1286

00:52:58,950 --> 00:52:58,319

one of the localities mr k invites me to

1287

00:53:02,549 --> 00:52:58,960

test

1288

00:53:03,589 --> 00:53:02,559

told me in that his 35 years experience

1289

00:53:06,230 --> 00:53:03,599

he had never put

1290

00:53:09,270 --> 00:53:06,240

down a well or a bore without first

1291

00:53:12,549 --> 00:53:09,280

having the site tested by divining

1292

00:53:16,230 --> 00:53:12,559

the concluding part of mr k suggestion

1293

00:53:19,589 --> 00:53:16,240

if i may borrow his description

1294

00:53:20,549 --> 00:53:19,599

is idiotic he suggests that i be taken

1295

00:53:23,030 --> 00:53:20,559

out to

1296

00:53:23,829 --> 00:53:23,040

any spot from albany and to the

1297

00:53:26,390 --> 00:53:23,839

northwest

1298

00:53:27,990 --> 00:53:26,400

blindfolded the blindfolding to prevent

1299

00:53:31,030 --> 00:53:28,000

me from seeing the geological

1300

00:53:34,630 --> 00:53:31,040

formation of the country here again

1301
00:53:37,109 --> 00:53:34,640
he displays his ignorance of the subject

1302
00:53:39,349 --> 00:53:37,119
as the formation of the surrounding

1303
00:53:42,309 --> 00:53:39,359
country enables the diviner to choose

1304
00:53:44,950 --> 00:53:42,319
the most likely spot to find water

1305
00:53:46,470 --> 00:53:44,960
as for cross-examination by geologists

1306
00:53:49,430 --> 00:53:46,480
and other scientists

1307
00:53:51,430 --> 00:53:49,440
this is all piffle i do not claim to be

1308
00:53:54,390 --> 00:53:51,440
able to answer any questions

1309
00:53:55,109 --> 00:53:54,400
put to them all i claim is that i can

1310
00:53:59,510 --> 00:53:55,119
separate

1311
00:54:03,349 --> 00:53:59,520
mr k from his 50 pounds by my ability

1312
00:54:09,990 --> 00:54:03,359
to divine water yours etc

1313
00:54:12,950 --> 00:54:10,000

tg albert

1314

00:54:15,349 --> 00:54:12,960

and there we go and i think that line

1315

00:54:17,589 --> 00:54:15,359

sort of peters out after that

1316

00:54:18,470 --> 00:54:17,599

it's difficult to find more references

1317

00:54:20,549 --> 00:54:18,480

to

1318

00:54:24,870 --> 00:54:20,559

that ongoing back and forth maybe the

1319

00:54:27,430 --> 00:54:24,880

editor had had enough so even though the

1320

00:54:28,230 --> 00:54:27,440

opinions of mr kalgotchik have been born

1321

00:54:31,349 --> 00:54:28,240

out through the

1322

00:54:33,430 --> 00:54:31,359

experience of many decades his attitude

1323

00:54:35,430 --> 00:54:33,440

certainly leaves a lot to be designed

1324

00:54:38,470 --> 00:54:35,440

and indeed i think he just like

1325

00:54:41,589 --> 00:54:38,480

using long words

1326
00:54:43,750 --> 00:54:41,599
the proposed test he put forward was uh

1327
00:54:45,990 --> 00:54:43,760
completely impractical and a bit silly

1328
00:54:48,870 --> 00:54:46,000
really

1329
00:54:50,230 --> 00:54:48,880
but what a fascinating series of letters

1330
00:54:53,309 --> 00:54:50,240
back and forth that was

1331
00:54:56,710 --> 00:54:53,319
from all those years ago

1332
00:54:59,430 --> 00:54:56,720
75 years ago they were debating the

1333
00:55:01,430 --> 00:54:59,440
merits of water dividing in the pages of

1334
00:55:06,870 --> 00:55:01,440
an australian newspaper

1335
00:55:26,870 --> 00:55:06,880
so why not visit trove.nla.gov.a you

1336
00:55:30,150 --> 00:55:28,549
thank you for listening to the skeptic

1337
00:55:33,829 --> 00:55:30,160
zone podcast now here

1338
00:55:35,829 --> 00:55:33,839

right here i have a book kindly sent to

1339

00:55:37,270 --> 00:55:35,839

me by the victorian skeptics called

1340

00:55:40,309 --> 00:55:37,280

tricky nick

1341

00:55:41,829 --> 00:55:40,319

the completely true not at all made up

1342

00:55:44,150 --> 00:55:41,839

story of the greatest

1343

00:55:45,030 --> 00:55:44,160

magician in the world now this is by

1344

00:55:48,549 --> 00:55:45,040

nicholas j

1345

00:55:50,630 --> 00:55:48,559

johnson it's a terrific book here it's a

1346

00:55:52,630 --> 00:55:50,640

really fun read

1347

00:55:53,750 --> 00:55:52,640

what does it say here i am tricky nick

1348

00:55:56,870 --> 00:55:53,760

the world's greatest

1349

00:56:00,309 --> 00:55:56,880

magician this is my absolutely

1350

00:56:03,109 --> 00:56:00,319

not made up story of magical greatness

1351
00:56:03,670 --> 00:56:03,119
magic changed my life and it could

1352
00:56:07,190 --> 00:56:03,680
change

1353
00:56:09,990 --> 00:56:07,200
yours too and i love the pit here

1354
00:56:11,430 --> 00:56:10,000
in the book it says nicholas j johnson

1355
00:56:14,630 --> 00:56:11,440
is a magician and author

1356
00:56:15,750 --> 00:56:14,640
he has spent the last 30 years lying his

1357
00:56:18,230 --> 00:56:15,760
pants off

1358
00:56:19,190 --> 00:56:18,240
he lives in melbourne with his family

1359
00:56:22,870 --> 00:56:19,200
and his pet

1360
00:56:24,150 --> 00:56:22,880
elephant morris and this book is

1361
00:56:27,349 --> 00:56:24,160
available from

1362
00:56:27,829 --> 00:56:27,359
pan mcmillan australia but uh if you

1363
00:56:31,910 --> 00:56:27,839

want to

1364

00:56:35,109 --> 00:56:31,920

look that one up just google tricky nick

1365

00:56:37,190 --> 00:56:35,119

by nicholas j johnson

1366

00:56:38,950 --> 00:56:37,200

and it reminds me it reminds me of how

1367

00:56:41,910 --> 00:56:38,960

important

1368

00:56:43,190 --> 00:56:41,920

magic conjuring i should say the

1369

00:56:44,710 --> 00:56:43,200

conjuring arts are

1370

00:56:46,789 --> 00:56:44,720

to skepticism they were one of the

1371

00:56:49,510 --> 00:56:46,799

reasons skepticism got started when

1372

00:56:52,630 --> 00:56:49,520

magicians like james the amazing randy

1373

00:56:56,150 --> 00:56:52,640

yeah the late lamented um

1374

00:56:58,710 --> 00:56:56,160

could see when people were using

1375

00:57:00,710 --> 00:56:58,720

conjuring tricks to fool people not for

1376

00:57:02,710 --> 00:57:00,720

purposes of entertainment

1377

00:57:04,470 --> 00:57:02,720

but to basically uh fool them out of

1378

00:57:06,470 --> 00:57:04,480

their money

1379

00:57:09,109 --> 00:57:06,480

in order to gain leverage your power

1380

00:57:12,870 --> 00:57:10,950

i think i can hear that bat that bats

1381

00:57:16,230 --> 00:57:12,880

woken up outside

1382

00:57:19,190 --> 00:57:16,240

did you enjoy the skeptic zone bat

1383

00:57:21,109 --> 00:57:19,200

anyway a great read so i can recommend

1384

00:57:22,789 --> 00:57:21,119

tricky nick and thank you

1385

00:57:24,309 --> 00:57:22,799

thank you to the victorian skeptics for

1386

00:57:25,270 --> 00:57:24,319

sending me a couple of copies of that

1387

00:57:28,950 --> 00:57:25,280

book

1388

00:57:29,670 --> 00:57:28,960

and that was uh because i was a guest at

1389

00:57:32,950 --> 00:57:29,680

their

1390

00:57:36,069 --> 00:57:32,960

skeptics cafe and don't forget on

1391

00:57:37,750 --> 00:57:36,079

the 21st of this month you can tune into

1392

00:57:39,510 --> 00:57:37,760

skeptics cafe from the victorian

1393

00:57:42,150 --> 00:57:39,520

skeptics and

1394

00:57:43,190 --> 00:57:42,160

seed professor associate professor paul

1395

00:57:46,789 --> 00:57:43,200

willis

1396

00:57:48,549 --> 00:57:46,799

an old friend of mine a paleontologist

1397

00:57:49,910 --> 00:57:48,559

now other people who may well have been

1398

00:57:50,710 --> 00:57:49,920

up at four or three o'clock in the

1399

00:57:52,870 --> 00:57:50,720

morning

1400

00:57:53,990 --> 00:57:52,880

are the team of people one from

1401
00:57:55,750 --> 00:57:54,000
australia one from belgium

1402
00:57:57,109 --> 00:57:55,760
one from the united states who just in

1403
00:57:59,510 --> 00:57:57,119
the last month

1404
00:58:01,510 --> 00:57:59,520
cracked one of the codes left by the

1405
00:58:04,309 --> 00:58:01,520
zodiac killer

1406
00:58:07,510 --> 00:58:04,319
who was a serial killer in the san

1407
00:58:09,750 --> 00:58:07,520
francisco bay area in the late 1960s

1408
00:58:11,589 --> 00:58:09,760
and left behind by way of letters to

1409
00:58:13,670 --> 00:58:11,599
various newspapers

1410
00:58:15,190 --> 00:58:13,680
codes encrypted messages some were

1411
00:58:18,390 --> 00:58:15,200
cracked at the time

1412
00:58:18,750 --> 00:58:18,400
others have just sat there being worked

1413
00:58:27,990 --> 00:58:18,760

on

1414

00:58:29,510 --> 00:58:28,000

it's just fascinating i'm i'm absolutely

1415

00:58:33,349 --> 00:58:29,520

enthralled having

1416

00:58:36,710 --> 00:58:33,359

followed the zodiac story for many years

1417

00:58:38,470 --> 00:58:36,720

there's a wonderful video on youtube now

1418

00:58:40,069 --> 00:58:38,480

from the people who crack the code about

1419

00:58:42,870 --> 00:58:40,079

how they crack the code and

1420

00:58:44,710 --> 00:58:42,880

it's fascinating i will certainly link

1421

00:58:47,270 --> 00:58:44,720

to that in the show notes

1422

00:58:49,270 --> 00:58:47,280

now this particular cipher is called the

1423

00:58:53,190 --> 00:58:49,280

340 cipher

1424

00:58:56,230 --> 00:58:53,200

and after all these years and

1425

00:59:01,109 --> 00:58:56,240

this has been confirmed by the fbi and

1426

00:59:03,349 --> 00:59:01,119

it reads probably accurately

1427

00:59:04,870 --> 00:59:03,359

i hope you are having lots of fun trying

1428

00:59:07,430 --> 00:59:04,880

to catch me

1429

00:59:09,349 --> 00:59:07,440

that wasn't me on the tv show which

1430

00:59:11,990 --> 00:59:09,359

brings up a point about me

1431

00:59:12,789 --> 00:59:12,000

i am not afraid of the gas chamber

1432

00:59:15,670 --> 00:59:12,799

because

1433

00:59:16,390 --> 00:59:15,680

it will send me to paradise all the

1434

00:59:18,789 --> 00:59:16,400

sooner

1435

00:59:20,069 --> 00:59:18,799

because i now have enough slaves to work

1436

00:59:22,710 --> 00:59:20,079

for me

1437

00:59:24,549 --> 00:59:22,720

where everyone else has nothing when

1438

00:59:27,750 --> 00:59:24,559

they reach paradise

1439

00:59:29,910 --> 00:59:27,760

so they are afraid of death i am not

1440

00:59:32,950 --> 00:59:29,920

afraid because i know that my

1441

00:59:36,230 --> 00:59:32,960

new life is life

1442

00:59:39,510 --> 00:59:36,240

will be an easy one in paradise

1443

00:59:42,390 --> 00:59:39,520

death oh that is just so

1444

00:59:43,589 --> 00:59:42,400

chilling an interesting point made in

1445

00:59:46,789 --> 00:59:43,599

the video

1446

00:59:48,630 --> 00:59:46,799

of the way they cracked the code is

1447

00:59:50,630 --> 00:59:48,640

zodiac made errors

1448

00:59:52,630 --> 00:59:50,640

he simply made errors in constructing

1449

00:59:54,390 --> 00:59:52,640

his code and errors in spelling and so

1450

00:59:57,589 --> 00:59:54,400

forth which compounded

1451

00:59:59,829 --> 00:59:57,599

how hard it was to crack the code

1452

01:00:01,510 --> 00:59:59,839

and also it occurs to me he was far too

1453

01:00:05,589 --> 01:00:01,520

clever

1454

01:00:08,150 --> 01:00:05,599

he really made a strange bizarre code

1455

01:00:11,990 --> 01:00:08,160

and made it very

1456

01:00:15,510 --> 01:00:12,000

complicated to to try and decrypt it

1457

01:00:17,349 --> 01:00:15,520

so after 51 years in a sort of odd way

1458

01:00:19,670 --> 01:00:17,359

it may have even defeated the purpose of

1459

01:00:21,990 --> 01:00:19,680

him sending a code to people

1460

01:00:23,510 --> 01:00:22,000

to decrypt anyway i'll link to that in

1461

01:00:24,470 --> 01:00:23,520

the show notes and i recommend you watch

1462

01:00:27,670 --> 01:00:24,480

that video it

1463

01:00:29,109 --> 01:00:27,680

is just enthralling and congratulations

1464

01:00:30,710 --> 01:00:29,119

to the team of people including

1465

01:00:31,750 --> 01:00:30,720

mathematician samuel blake from

1466

01:00:34,789 --> 01:00:31,760

melbourne

1467

01:00:36,630 --> 01:00:34,799

who cracked the code i think now there's

1468

01:00:38,789 --> 01:00:36,640

a strong possibility the rest of the

1469

01:00:41,349 --> 01:00:38,799

ciphers could be cracked

1470

01:00:42,950 --> 01:00:41,359

because that certainly introduced a new

1471

01:00:43,990 --> 01:00:42,960

way of looking at the codes i would

1472

01:00:45,510 --> 01:00:44,000

think

1473

01:00:47,510 --> 01:00:45,520

thank you to those people who continue

1474

01:00:50,470 --> 01:00:47,520

to support the skeptic's own patreon or

1475

01:00:52,150 --> 01:00:50,480

paypal at skepticzone.tv thank you to

1476

01:00:53,030 --> 01:00:52,160

the new patrons who've just come on

1477

01:00:54,870 --> 01:00:53,040

board

1478

01:00:56,069 --> 01:00:54,880

and hopefully by now the little goodies

1479

01:00:58,150 --> 01:00:56,079

have reached you

1480

01:01:00,150 --> 01:00:58,160

in the post including a little folded

1481

01:01:01,510 --> 01:01:00,160

origami pegasus from me and some other

1482

01:01:04,150 --> 01:01:01,520

bits and pieces

1483

01:01:05,109 --> 01:01:04,160

shout out to maynard maynard.com dot eu

1484

01:01:08,069 --> 01:01:05,119

if you missed

1485

01:01:11,190 --> 01:01:08,079

maynard's live christmas special you can

1486

01:01:13,589 --> 01:01:11,200

go there and see the replay

1487

01:01:15,750 --> 01:01:13,599

and you can download maynard's calendar

1488

01:01:17,750 --> 01:01:15,760

for 2021

1489

01:01:19,430 --> 01:01:17,760

in fact i'm going to be doing just that

1490

01:01:20,950 --> 01:01:19,440

i'm going to be downloading maynard's

1491

01:01:22,630 --> 01:01:20,960

2021 calendar

1492

01:01:24,789 --> 01:01:22,640

and printing out a few christmas

1493

01:01:26,630 --> 01:01:24,799

presents but for this week this is

1494

01:01:27,430 --> 01:01:26,640

richard saunders at some crazy hour of

1495

01:01:33,990 --> 01:01:27,440

the morning

1496

01:01:37,270 --> 01:01:35,829

you've been listening to the skeptic

1497

01:01:40,430 --> 01:01:37,280

zone podcast

1498

01:01:41,829 --> 01:01:40,440

please visit our website at

1499

01:01:44,870 --> 01:01:41,839

www.skepticzone.tv

1500

01:01:46,870 --> 01:01:44,880

for show notes contacts and to access

1501

01:01:50,390 --> 01:01:46,880

the back catalog of episodes

1502

01:01:52,470 --> 01:01:50,400

going back to 2008. you can follow the

1503

01:01:55,910 --> 01:01:52,480

skeptic zone podcast on twitter

1504

01:01:59,510 --> 01:01:55,920

at skepticzone visit our facebook page

1505

01:02:00,870 --> 01:01:59,520

or leave a review on itunes you can also

1506

01:02:04,069 --> 01:02:00,880

support the skeptic zone

1507

01:02:04,870 --> 01:02:04,079

via patreon or paypal the skeptic zone

1508

01:02:07,750 --> 01:02:04,880

podcast

1509

01:02:09,510 --> 01:02:07,760

is an independent production the views

1510

01:02:09,990 --> 01:02:09,520

and opinions expressed on the skeptic

1511

01:02:11,990 --> 01:02:10,000

zone

1512

01:02:13,190 --> 01:02:12,000

are not necessarily those of australian

1513

01:02:30,950 --> 01:02:13,200

skeptics or

1514

01:02:34,549 --> 01:02:32,630

hello to the afterthoughts the people

1515

01:02:36,630 --> 01:02:34,559

who listen after the music this is the

1516

01:02:40,230 --> 01:02:36,640

part of the show where i roll it

1517

01:02:42,630 --> 01:02:40,240

die what is it this week 10 i normally

1518

01:02:44,710 --> 01:02:42,640

roll a 10 sided die something i quite

1519

01:02:47,510 --> 01:02:44,720

like about that it's

1520

01:02:49,109 --> 01:02:47,520

it's a good round number i'm gonna roll

1521

01:02:51,910 --> 01:02:49,119

it three times and

1522

01:02:52,789 --> 01:02:51,920

well i always say use your psychic power

1523

01:02:55,990 --> 01:02:52,799

or your dumb luck

1524

01:02:57,430 --> 01:02:56,000

but just just guess just guess guess

1525

01:02:59,510 --> 01:02:57,440

along with me

1526
01:03:01,430 --> 01:02:59,520
in fact that's something i've never done

1527
01:03:02,069 --> 01:03:01,440
i've never guessed myself all right i'm

1528
01:03:05,349 --> 01:03:02,079
going to do that

1529
01:03:07,430 --> 01:03:05,359
where's my skeptic's own pen

1530
01:03:09,109 --> 01:03:07,440
it's not really a skeptic's own pen

1531
01:03:10,470 --> 01:03:09,119
actually it's an australian skeptics pen

1532
01:03:13,190 --> 01:03:10,480
okay i'm going to write this

1533
01:03:15,510 --> 01:03:13,200
i guess it's a d10 then said i'm going

1534
01:03:18,230 --> 01:03:15,520
to guess

1535
01:03:19,740 --> 01:03:18,240
ten all right here we go first roll i

1536
01:03:22,069 --> 01:03:19,750
think it's going to be ten

1537
01:03:25,910 --> 01:03:22,079
[Music]

1538
01:03:29,190 --> 01:03:25,920

nine oh well

1539

01:03:30,549 --> 01:03:29,200

close second roll coming up i'm gonna

1540

01:03:32,870 --> 01:03:30,559

guess five

1541

01:03:34,309 --> 01:03:32,880

because i know susan is susan gobert

1542

01:03:39,349 --> 01:03:34,319

from guerrilla skepticism

1543

01:03:46,470 --> 01:03:43,190

yeah okay well it's seven

1544

01:03:49,190 --> 01:03:46,480

hmm okay one last go here we go uh

1545

01:03:49,990 --> 01:03:49,200

three why didn't i just say five no i'm

1546

01:03:53,589 --> 01:03:50,000

going to say three

1547

01:04:01,430 --> 01:03:59,589

it's five

1548

01:04:03,190 --> 01:04:01,440

this week's winning numbers if you're

1549

01:04:06,710 --> 01:04:03,200

playing along at home