



# THE SKEPTIC ZONE PODCAST



Episode **646**

28 February 2021

[www.skepticzone.tv](http://www.skepticzone.tv)

Crystal Healing  
The Science and Psychology  
Behind What Works, What  
Doesn't, and Why  
By: Dan R. Lynch, Julie A. Kirsch

Australian Skeptics  
Newsletter

The Book of Tim  
with Tim Mendham

A look into Trove  
Psychic Test 1950  
Into the Unknown Part #9



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  
00:00:16,860 --> 00:00:11,200  
the podcast from australia for science

4  
00:00:23,830 --> 00:00:16,870  
and reason

5  
00:00:27,990 --> 00:00:25,589  
yes it's the skeptic zone podcast

6  
00:00:30,710 --> 00:00:28,000  
episode number 646

7  
00:00:32,549 --> 00:00:30,720  
for the 28th of february 2021 richard

8  
00:00:35,910 --> 00:00:32,559  
saunders coming to you this week from

9  
00:00:37,510 --> 00:00:35,920  
maynard's international studios maynard

10  
00:00:39,510 --> 00:00:37,520  
that's right we're sitting here watching

11  
00:00:40,790 --> 00:00:39,520  
a very skeptical movie called the

12  
00:00:42,790 --> 00:00:40,800  
swinger featuring ann

13  
00:00:45,029 --> 00:00:42,800

margaret it's a great it's it's very

14

00:00:45,990 --> 00:00:45,039

skeptical it is and you made the comment

15

00:00:47,830 --> 00:00:46,000

may now that i

16

00:00:49,110 --> 00:00:47,840

bet that there are no other skeptics

17

00:00:51,670 --> 00:00:49,120

watching this movie at the moment

18

00:00:53,510 --> 00:00:51,680

that's right but susan gerbic hasn't got

19

00:00:56,709 --> 00:00:53,520

this on right now i bet you the

20

00:00:58,229 --> 00:00:56,719

entire cast of squaring the strange

21

00:00:59,029 --> 00:00:58,239

isn't watching ann margaret in the

22

00:01:02,389 --> 00:00:59,039

swinger

23

00:01:03,189 --> 00:01:02,399

i bet you're right now coming up on this

24

00:01:06,630 --> 00:01:03,199

week's show i

25

00:01:09,109 --> 00:01:06,640

interview dan lynch and dr julie kirsch

26  
00:01:11,590 --> 00:01:09,119  
about a new book they've written called

27  
00:01:12,390 --> 00:01:11,600  
crystal healing crystal healing and i've

28  
00:01:14,230 --> 00:01:12,400  
got a

29  
00:01:16,310 --> 00:01:14,240  
here it is crystal healing the science

30  
00:01:17,350 --> 00:01:16,320  
and psychology behind what works what

31  
00:01:19,590 --> 00:01:17,360  
doesn't and why

32  
00:01:21,030 --> 00:01:19,600  
all about rocks and crystals and why

33  
00:01:22,950 --> 00:01:21,040  
people think they can heal

34  
00:01:25,910 --> 00:01:22,960  
well i imagine it's a fairly short book

35  
00:01:27,830 --> 00:01:25,920  
then surprisingly not because they go

36  
00:01:29,910 --> 00:01:27,840  
into how crystals are formed

37  
00:01:31,830 --> 00:01:29,920  
why people believe in crystal healing

38  
00:01:34,069 --> 00:01:31,840

and and individual crystals but

39

00:01:35,030 --> 00:01:34,079

a fascinating interview coming up at the

40

00:01:36,789 --> 00:01:35,040

top of the show

41

00:01:38,630 --> 00:01:36,799

you're into crystal healing aren't you i

42

00:01:40,870 --> 00:01:38,640

am indeed i've got a crystal where the

43

00:01:42,469 --> 00:01:40,880

sun don't shine uh my cupboard in the

44

00:01:44,550 --> 00:01:42,479

kitchen oh you're covered in the kitchen

45

00:01:45,830 --> 00:01:44,560

i've seen that crystal in the cupboard

46

00:01:47,670 --> 00:01:45,840

but i think it's great because skeptics

47

00:01:50,469 --> 00:01:47,680

should really get into that to find out

48

00:01:51,590 --> 00:01:50,479

why people believe what they believe i i

49

00:01:54,069 --> 00:01:51,600

agree completely

50

00:01:55,990 --> 00:01:54,079

after that it's time them with the book

51  
00:01:57,429 --> 00:01:56,000  
of tim another reading from the pages of

52  
00:01:58,870 --> 00:01:57,439  
the skeptic magazine

53  
00:02:00,550 --> 00:01:58,880  
this week tim is it's a bit of a

54  
00:02:01,990 --> 00:02:00,560  
surprise i'm not even sure what tim will

55  
00:02:03,590 --> 00:02:02,000  
be looking at this week we'll find out

56  
00:02:05,270 --> 00:02:03,600  
all together later on in the show

57  
00:02:07,429 --> 00:02:05,280  
i believe he's talking about all the

58  
00:02:08,389 --> 00:02:07,439  
movies of tony franzioska which is

59  
00:02:10,630 --> 00:02:08,399  
pretty interesting

60  
00:02:12,150 --> 00:02:10,640  
the co-star are in the swinger with ann

61  
00:02:13,670 --> 00:02:12,160  
margaret i believe he's concentrating on

62  
00:02:15,270 --> 00:02:13,680  
that this week which we're looking at in

63  
00:02:16,070 --> 00:02:15,280

the corner of the room right now yes

64

00:02:17,910 --> 00:02:16,080

there was just

65

00:02:19,750 --> 00:02:17,920

a scene where she was covered with paint

66

00:02:22,869 --> 00:02:19,760

a little while ago which is quite um

67

00:02:24,790 --> 00:02:22,879

skeptical following that

68

00:02:26,390 --> 00:02:24,800

it's the australian skeptics newsletter

69

00:02:28,150 --> 00:02:26,400

see what's making news with the

70

00:02:30,630 --> 00:02:28,160

australian skeptics this week

71

00:02:33,270 --> 00:02:30,640

and then we wrap up maynard with another

72

00:02:35,030 --> 00:02:33,280

dive into trove and the psychic testing

73

00:02:36,309 --> 00:02:35,040

from the 1950s

74

00:02:38,150 --> 00:02:36,319

i thought we were going to do a fallacy

75

00:02:39,589 --> 00:02:38,160

this week i was going to do the fallacy

76  
00:02:40,309 --> 00:02:39,599  
of wearing your lamp on the head at a

77  
00:02:42,150 --> 00:02:40,319  
party

78  
00:02:45,110 --> 00:02:42,160  
that's a well-known logical fallacy that

79  
00:02:51,030 --> 00:02:45,120  
one but no no you have to go to

80  
00:02:52,949 --> 00:02:51,040  
uh our new website which is [tinyurl.com](http://tinyurl.com)

81  
00:02:54,949 --> 00:02:52,959  
to hear all of michelle bickersmart's

82  
00:02:56,470 --> 00:02:54,959  
logical fallacies because she's taking a

83  
00:02:57,350 --> 00:02:56,480  
rest from them she hasn't done the one

84  
00:02:59,190 --> 00:02:57,360  
about the flat

85  
00:03:01,030 --> 00:02:59,200  
the fallacy the flat tire on the way to

86  
00:03:03,110 --> 00:03:01,040  
the dentist

87  
00:03:04,790 --> 00:03:03,120  
uh that's that's usually not that that

88  
00:03:06,070 --> 00:03:04,800

time you'd be surprised how often that

89

00:03:08,630 --> 00:03:06,080

that's quoted

90

00:03:10,229 --> 00:03:08,640

i would be buried this what the flat

91

00:03:12,390 --> 00:03:10,239

tire on the way to the dentist

92

00:03:14,710 --> 00:03:12,400

exactly how many times you've been late

93

00:03:16,949 --> 00:03:14,720

for something oh i had a flat tire

94

00:03:18,070 --> 00:03:16,959

and i had to go to the dentist it's

95

00:03:21,270 --> 00:03:18,080

always a fallacy

96

00:03:25,110 --> 00:03:21,280

there's a flat tire on the way also

97

00:03:26,390 --> 00:03:25,120

also if you go to [skepticonline.tv](http://skepticonline.tv) scroll

98

00:03:28,710 --> 00:03:26,400

down on the right

99

00:03:30,789 --> 00:03:28,720

you'll see a link to the new typewriter

100

00:03:32,149 --> 00:03:30,799

time on youtube these are all the funny

101

00:03:34,630 --> 00:03:32,159

sketches and bits of

102

00:03:35,750 --> 00:03:34,640

starring your skeptical uh favorites

103

00:03:37,670 --> 00:03:35,760

from all around the world

104

00:03:39,589 --> 00:03:37,680

that i've put together over the last

105

00:03:41,110 --> 00:03:39,599

year including you may not you appear in

106

00:03:42,949 --> 00:03:41,120

a couple of episodes

107

00:03:44,550 --> 00:03:42,959

oh well yeah well yeah well you know

108

00:03:45,750 --> 00:03:44,560

some of my greatest moments here and

109

00:03:47,110 --> 00:03:45,760

we're actually been hanging out here

110

00:03:48,710 --> 00:03:47,120

because we've been doing a bit of a

111

00:03:50,869 --> 00:03:48,720

video streaming which is going to go to

112

00:03:52,550 --> 00:03:50,879

where 8 30 friday night

113

00:03:54,630 --> 00:03:52,560

australian time and you might be able to

114

00:03:56,070 --> 00:03:54,640

catch it on my facebook page or

115

00:03:57,589 --> 00:03:56,080

somewhere like that afterwards but

116

00:03:59,910 --> 00:03:57,599

richard you've been great even with the

117

00:04:01,910 --> 00:03:59,920

beard yeah the beard helps actually i've

118

00:04:03,670 --> 00:04:01,920

been behind the scenes behind the light

119

00:04:05,750 --> 00:04:03,680

uh doing the camera work and throwing

120

00:04:08,390 --> 00:04:05,760

things at you yes

121

00:04:13,190 --> 00:04:08,400

which i do anyway yeah he look he can

122

00:04:17,189 --> 00:04:15,110

well what you know what may not i think

123

00:04:17,430 --> 00:04:17,199

it's time we we both run to the kitchen

124

00:04:22,310 --> 00:04:17,440

and

125

00:04:24,310 --> 00:04:22,320

so while we're getting ourselves

126  
00:04:26,310 --> 00:04:24,320  
two stale crumpets what are you doing

127  
00:04:28,550 --> 00:04:26,320  
richard i'm going to listen

128  
00:04:31,270 --> 00:04:28,560  
i'm going to listen to the sceptic zone

129  
00:04:33,510 --> 00:04:31,280  
because that's all that's in there

130  
00:04:35,510 --> 00:04:33,520  
i'm on the i'm on the all stale crumpet

131  
00:04:44,300 --> 00:04:35,520  
diet put that in your skeptic pipe and

132  
00:04:57,830 --> 00:04:47,110  
[Applause]

133  
00:04:59,830 --> 00:04:57,840  
[Music]

134  
00:05:02,950 --> 00:04:59,840  
and joining me now all the way from

135  
00:05:06,629 --> 00:05:02,960  
beautiful madison wisconsin in the usa

136  
00:05:09,189 --> 00:05:06,639  
it's dan lynch and dr julie kirsch

137  
00:05:10,870 --> 00:05:09,199  
hi hi nice to meet you it's good to see

138  
00:05:12,629 --> 00:05:10,880

you and through the magic of the

139

00:05:13,110 --> 00:05:12,639

interwebs we're actually looking at each

140

00:05:14,550 --> 00:05:13,120

other

141

00:05:15,670 --> 00:05:14,560

and i can almost peer into the

142

00:05:18,469 --> 00:05:15,680

background there and see what the

143

00:05:20,629 --> 00:05:18,479

weather is like in madison wisconsin

144

00:05:22,550 --> 00:05:20,639

now before we start i have an advanced

145

00:05:25,909 --> 00:05:22,560

copy here of your book crystal healing

146

00:05:26,710 --> 00:05:25,919

the science and psychology behind what

147

00:05:30,070 --> 00:05:26,720

works

148

00:05:31,510 --> 00:05:30,080

what doesn't and why and and when i

149

00:05:33,189 --> 00:05:31,520

initially got the press release from

150

00:05:34,629 --> 00:05:33,199

your uh publisher

151

00:05:36,870 --> 00:05:34,639

i read it and i thought what's this

152

00:05:38,070 --> 00:05:36,880

about why why are they sending a

153

00:05:40,390 --> 00:05:38,080

skeptical podcast

154

00:05:41,990 --> 00:05:40,400

a book about crystal healing but as i

155

00:05:42,790 --> 00:05:42,000

flipped through it and started to read

156

00:05:44,790 --> 00:05:42,800

the book

157

00:05:46,710 --> 00:05:44,800

it became quite clear to me that you

158

00:05:49,029 --> 00:05:46,720

take this whole realm of crystal healing

159

00:05:51,270 --> 00:05:49,039

from a very interesting and scientific

160

00:05:53,909 --> 00:05:51,280

and skeptical point of view

161

00:05:55,270 --> 00:05:53,919

but uh first of all dan what's your

162

00:05:58,230 --> 00:05:55,280

background when it comes to

163

00:05:58,629 --> 00:05:58,240

crystals and rocks and things like that

164

00:06:01,749 --> 00:05:58,639

well

165

00:06:04,629 --> 00:06:01,759

i grew up in a rock shop my parents

166

00:06:05,990 --> 00:06:04,639

are jewelers and we we've had a store in

167

00:06:07,909 --> 00:06:06,000

the family

168

00:06:09,029 --> 00:06:07,919

most my life buying and selling rocks

169

00:06:12,070 --> 00:06:09,039

and minerals

170

00:06:14,070 --> 00:06:12,080

and a lot of this stuff i learned first

171

00:06:15,189 --> 00:06:14,080

hand or at least got my start in it

172

00:06:18,469 --> 00:06:15,199

first hand

173

00:06:21,830 --> 00:06:18,479

identifying handling testing

174

00:06:24,230 --> 00:06:21,840

polishing various rocks and minerals

175

00:06:25,990 --> 00:06:24,240

supplemented with some classes at

176  
00:06:26,710 --> 00:06:26,000  
university and then things like that but

177  
00:06:31,510 --> 00:06:26,720  
largely

178  
00:06:32,150 --> 00:06:31,520  
we started you told me that you're a

179  
00:06:35,590 --> 00:06:32,160  
freshly

180  
00:06:38,070 --> 00:06:35,600  
minted doctor what's your background

181  
00:06:39,830 --> 00:06:38,080  
yeah so my interest is in health

182  
00:06:43,110 --> 00:06:39,840  
psychology so i just

183  
00:06:44,790 --> 00:06:43,120  
graduated from uw madison with a degree

184  
00:06:48,390 --> 00:06:44,800  
in health psychology

185  
00:06:50,230 --> 00:06:48,400  
where largely just understanding how

186  
00:06:51,510 --> 00:06:50,240  
different you know thought processes and

187  
00:06:54,150 --> 00:06:51,520  
emotions

188  
00:06:54,870 --> 00:06:54,160

get under the skin and influence health

189

00:06:58,550 --> 00:06:54,880

and

190

00:07:01,189 --> 00:06:58,560

minerals

191

00:07:02,629 --> 00:07:01,199

really stemmed from meeting dan in high

192

00:07:04,230 --> 00:07:02,639

school and

193

00:07:05,990 --> 00:07:04,240

actually working in the rock shop and

194

00:07:09,430 --> 00:07:06,000

being around that

195

00:07:11,749 --> 00:07:09,440

growing up as well now dan all those uh

196

00:07:12,950 --> 00:07:11,759

years ago and all the time in the rock

197

00:07:14,469 --> 00:07:12,960

shop i guess

198

00:07:16,309 --> 00:07:14,479

i guess you had the occasion when people

199

00:07:19,510 --> 00:07:16,319

were coming in to seek out

200

00:07:21,749 --> 00:07:19,520

special crystals for healing of course

201  
00:07:25,110 --> 00:07:21,759  
yeah

202  
00:07:27,189 --> 00:07:25,120  
we had it all the time i would say wow

203  
00:07:28,150 --> 00:07:27,199  
almost one to one with with people

204  
00:07:29,990 --> 00:07:28,160  
coming in to look

205  
00:07:31,749 --> 00:07:30,000  
look for minerals for their collection

206  
00:07:33,909 --> 00:07:31,759  
because they found them interesting

207  
00:07:35,670 --> 00:07:33,919  
we had almost just as many people

208  
00:07:37,430 --> 00:07:35,680  
looking for something to help with their

209  
00:07:39,990 --> 00:07:37,440  
arthritis or

210  
00:07:41,990 --> 00:07:40,000  
help their creativity a lot of times

211  
00:07:42,870 --> 00:07:42,000  
they'd come in with a little list of

212  
00:07:44,629 --> 00:07:42,880  
minerals

213  
00:07:45,749 --> 00:07:44,639

that they they made ahead of time

214

00:07:47,909 --> 00:07:45,759

because they had just read a crystal

215

00:07:50,710 --> 00:07:47,919

healing book and they wanted to find

216

00:07:51,589 --> 00:07:50,720

you know various minerals and stones

217

00:07:54,790 --> 00:07:51,599

that would help with

218

00:07:57,510 --> 00:07:54,800

with whatever was ailing them so i i

219

00:07:58,309 --> 00:07:57,520

saw a lot of that firsthand well that's

220

00:08:01,350 --> 00:07:58,319

fascinating

221

00:08:02,469 --> 00:08:01,360

and as um skeptic uh zone listeners know

222

00:08:05,029 --> 00:08:02,479

crystal healing

223

00:08:06,550 --> 00:08:05,039

is one of what we call the classics of

224

00:08:08,309 --> 00:08:06,560

skepticism

225

00:08:10,550 --> 00:08:08,319

and i've seen this sort of thing here in

226

00:08:12,550 --> 00:08:10,560

australia and i know of a woman who

227

00:08:14,150 --> 00:08:12,560

considers herself to be a mystic or a

228

00:08:14,550 --> 00:08:14,160

medium or a psychic or something like

229

00:08:16,710 --> 00:08:14,560

that

230

00:08:17,909 --> 00:08:16,720

who travels the country or she did

231

00:08:21,029 --> 00:08:17,919

before the pandemic

232

00:08:23,589 --> 00:08:21,039

with a a bed a bed

233

00:08:25,670 --> 00:08:23,599

made out of crystals or you lay down on

234

00:08:28,550 --> 00:08:25,680

a bed of crystals

235

00:08:30,230 --> 00:08:28,560

so you've put together this book and one

236

00:08:32,790 --> 00:08:30,240

of the things i like about the book are

237

00:08:36,070 --> 00:08:32,800

the chapters dedicated to

238

00:08:37,509 --> 00:08:36,080

the formation the scientific look at the

239

00:08:39,110 --> 00:08:37,519

formation of crystals

240

00:08:40,949 --> 00:08:39,120

now that must have been a fascinating

241

00:08:42,469 --> 00:08:40,959

thing to write about yeah

242

00:08:44,550 --> 00:08:42,479

yeah i've written a number of books

243

00:08:46,310 --> 00:08:44,560

about rocks and minerals but rarely do i

244

00:08:49,030 --> 00:08:46,320

get to

245

00:08:49,509 --> 00:08:49,040

dive into talking about how they

246

00:08:54,150 --> 00:08:49,519

actually

247

00:08:55,509 --> 00:08:54,160

formed um simplifying it down to

248

00:08:57,590 --> 00:08:55,519

something that that everyone can

249

00:08:58,949 --> 00:08:57,600

understand part of the reason why

250

00:09:02,150 --> 00:08:58,959

crystal healing has become

251  
00:09:04,470 --> 00:09:02,160  
so prevalent is because

252  
00:09:05,910 --> 00:09:04,480  
mineralogy and crystallography is is

253  
00:09:08,230 --> 00:09:05,920  
inherently

254  
00:09:09,670 --> 00:09:08,240  
complex and difficult to understand

255  
00:09:12,150 --> 00:09:09,680  
crystal healing books

256  
00:09:13,750 --> 00:09:12,160  
and books of metaphysical books of those

257  
00:09:16,070 --> 00:09:13,760  
of that kind

258  
00:09:18,070 --> 00:09:16,080  
really make it simple and approachable

259  
00:09:20,949 --> 00:09:18,080  
so i thought i had to take that same

260  
00:09:22,150 --> 00:09:20,959  
approach to the actual science behind

261  
00:09:25,509 --> 00:09:22,160  
rocks and minerals and

262  
00:09:28,230 --> 00:09:25,519  
and actually boil it down to to what

263  
00:09:29,430 --> 00:09:28,240

crystals truly are i we felt a

264

00:09:32,310 --> 00:09:29,440

responsibility we

265

00:09:34,310 --> 00:09:32,320

we felt we couldn't tell people these

266

00:09:36,310 --> 00:09:34,320

are not magical objects without

267

00:09:38,150 --> 00:09:36,320

breaking it all the way down to the

268

00:09:39,430 --> 00:09:38,160

actual literal atomic level

269

00:09:41,509 --> 00:09:39,440

and showing them that they're not

270

00:09:43,269 --> 00:09:41,519

magical objects

271

00:09:45,190 --> 00:09:43,279

indeed and the book does go into this

272

00:09:48,070 --> 00:09:45,200

down to the atomic level

273

00:09:50,470 --> 00:09:48,080

and where crystals are formed in the

274

00:09:52,470 --> 00:09:50,480

earth's crust which i found fascinating

275

00:09:53,750 --> 00:09:52,480

and the fact that some crystals are

276

00:09:55,030 --> 00:09:53,760

quite young

277

00:09:56,470 --> 00:09:55,040

and that surprised me a little bit

278

00:09:57,910 --> 00:09:56,480

because i've got this idea in my head

279

00:10:01,110 --> 00:09:57,920

that crystals

280

00:10:03,829 --> 00:10:01,120

should be ancient things but no they

281

00:10:05,430 --> 00:10:03,839

vary in age quite a lot now julie you

282

00:10:06,550 --> 00:10:05,440

must have found this a fascinating book

283

00:10:07,990 --> 00:10:06,560

to write as well

284

00:10:10,870 --> 00:10:08,000

why do you think it is that so many

285

00:10:13,190 --> 00:10:10,880

people are attracted to the idea of um

286

00:10:15,350 --> 00:10:13,200

crystal healing do you think people

287

00:10:17,110 --> 00:10:15,360

think crystals are magical or have some

288

00:10:17,590 --> 00:10:17,120

sort of special power or something like

289

00:10:20,069 --> 00:10:17,600

that

290

00:10:20,870 --> 00:10:20,079

yeah i think they do have a really

291

00:10:22,790 --> 00:10:20,880

appealing

292

00:10:24,470 --> 00:10:22,800

aspect and that you know and also

293

00:10:27,269 --> 00:10:24,480

there's this whole community

294

00:10:28,389 --> 00:10:27,279

around crystal healing as well um and

295

00:10:31,350 --> 00:10:28,399

that can also

296

00:10:32,389 --> 00:10:31,360

bring people in and just and especially

297

00:10:34,470 --> 00:10:32,399

thinking of

298

00:10:37,030 --> 00:10:34,480

online and social media there's just a

299

00:10:39,750 --> 00:10:37,040

multitude of sources and websites

300

00:10:40,949 --> 00:10:39,760

on crystal healing and you know looking

301  
00:10:43,670 --> 00:10:40,959  
at the various

302  
00:10:46,150 --> 00:10:43,680  
you know types of crystals and uses and

303  
00:10:47,990 --> 00:10:46,160  
it and it does seem like very

304  
00:10:49,430 --> 00:10:48,000  
you know evidence-based as well because

305  
00:10:51,670 --> 00:10:49,440  
they'll often provide different

306  
00:10:53,590 --> 00:10:51,680  
testimonies and things like that that i

307  
00:10:56,710 --> 00:10:53,600  
think are just very appealing to people

308  
00:10:58,150 --> 00:10:56,720  
and can draw people in absolutely and

309  
00:10:59,750 --> 00:10:58,160  
and i guess what we've discovered here

310  
00:11:01,590 --> 00:10:59,760  
in the skeptical world is when

311  
00:11:03,509 --> 00:11:01,600  
people believe in something like that

312  
00:11:05,590 --> 00:11:03,519  
they agree with each other

313  
00:11:07,350 --> 00:11:05,600

and they sort of feed off each other

314

00:11:07,750 --> 00:11:07,360

they're uh they're reinforced by each

315

00:11:09,430 --> 00:11:07,760

other

316

00:11:11,430 --> 00:11:09,440

now somebody comes along and says well i

317

00:11:12,389 --> 00:11:11,440

had this particular problem and i tried

318

00:11:15,509 --> 00:11:12,399

this

319

00:11:18,150 --> 00:11:15,519

certain crystal and it worked for me

320

00:11:19,829 --> 00:11:18,160

that can sway a lot of people and what i

321

00:11:22,949 --> 00:11:19,839

like about your book too is

322

00:11:24,790 --> 00:11:22,959

you look into the psychology and

323

00:11:26,630 --> 00:11:24,800

well you mentioned carl sagan's dragon

324

00:11:28,230 --> 00:11:26,640

which is a good thing

325

00:11:29,829 --> 00:11:28,240

now dan one of the things that i've

326

00:11:32,550 --> 00:11:29,839

heard over many years about

327

00:11:33,750 --> 00:11:32,560

crystals is people say well they're used

328

00:11:35,670 --> 00:11:33,760

in watches

329

00:11:37,350 --> 00:11:35,680

so they must have an energy or or

330

00:11:37,829 --> 00:11:37,360

something like that how do you look at

331

00:11:42,230 --> 00:11:37,839

that

332

00:11:44,470 --> 00:11:42,240

up quite a bit actually

333

00:11:45,750 --> 00:11:44,480

um i i think there's just a fundamental

334

00:11:48,949 --> 00:11:45,760

misunderstanding of

335

00:11:49,750 --> 00:11:48,959

of the properties of crystals um they

336

00:11:51,670 --> 00:11:49,760

are

337

00:11:53,110 --> 00:11:51,680

they consist of a repeating atomic

338

00:11:56,230 --> 00:11:53,120

structure of of

339

00:11:59,269 --> 00:11:56,240  
atoms bonded together and that

340

00:12:01,829 --> 00:11:59,279  
that structure can cause

341

00:12:02,550 --> 00:12:01,839  
you know electricity or various other

342

00:12:05,590 --> 00:12:02,560  
forces

343

00:12:08,230 --> 00:12:05,600  
to move through it at regular intervals

344

00:12:10,710 --> 00:12:08,240  
so when a watch a quartz crystal and a

345

00:12:13,750 --> 00:12:10,720  
watch is keeping perfect time

346

00:12:15,590 --> 00:12:13,760  
that's entirely a result of electric

347

00:12:18,550 --> 00:12:15,600  
current not because of any

348

00:12:19,509 --> 00:12:18,560  
uh mystical vibrations within it it's

349

00:12:23,030 --> 00:12:19,519  
kind of

350

00:12:24,230 --> 00:12:23,040  
a a key facet of of crystal healing

351  
00:12:26,870 --> 00:12:24,240  
beliefs is

352  
00:12:27,590 --> 00:12:26,880  
is taking something that we understand

353  
00:12:31,509 --> 00:12:27,600  
quite well

354  
00:12:35,190 --> 00:12:31,519  
and applying uh uh more mystical uh

355  
00:12:36,790 --> 00:12:35,200  
meaning to it i'm glad you brought that

356  
00:12:37,670 --> 00:12:36,800  
up because that was one thing that

357  
00:12:39,509 --> 00:12:37,680  
surprised me

358  
00:12:40,949 --> 00:12:39,519  
reading doing research for crystal

359  
00:12:44,230 --> 00:12:40,959  
healing books is

360  
00:12:46,790 --> 00:12:44,240  
how they try to you know take

361  
00:12:48,870 --> 00:12:46,800  
some you know loosely scientific terms

362  
00:12:50,550 --> 00:12:48,880  
or loosely translate scientific terms to

363  
00:12:53,670 --> 00:12:50,560

make it seem more legitimate

364

00:12:56,710 --> 00:12:53,680

and an evidence-based um yeah the watch

365

00:13:00,230 --> 00:12:56,720

example of being one and also

366

00:13:01,990 --> 00:13:00,240

referring to quantum physics and yeah

367

00:13:03,990 --> 00:13:02,000

yeah i i i was just looking at the

368

00:13:06,150 --> 00:13:04,000

website your website and saw that you

369

00:13:09,750 --> 00:13:06,160

just did a bit

370

00:13:12,980 --> 00:13:09,760

on um gibberish which is it's it's

371

00:13:14,710 --> 00:13:12,990

rife in this it's very well linked

372

00:13:17,190 --> 00:13:14,720

[Laughter]

373

00:13:19,110 --> 00:13:17,200

well we also call that word salad yes

374

00:13:22,949 --> 00:13:19,120

yeah yeah yeah we we

375

00:13:24,710 --> 00:13:22,959

yes now and the question for both of you

376

00:13:27,269 --> 00:13:24,720

is there anything that um

377

00:13:28,710 --> 00:13:27,279

particularly surprised you and you

378

00:13:29,910 --> 00:13:28,720

didn't know about when you were doing

379

00:13:33,990 --> 00:13:29,920

research for this book

380

00:13:36,310 --> 00:13:34,000

um well to be frank there's a lot about

381

00:13:37,910 --> 00:13:36,320

uh crystal healing beliefs that should

382

00:13:40,470 --> 00:13:37,920

be surprising but uh

383

00:13:41,829 --> 00:13:40,480

wasn't they make all kinds of all kinds

384

00:13:44,069 --> 00:13:41,839

of wild claims

385

00:13:45,110 --> 00:13:44,079

um with all kinds of anecdotal evidence

386

00:13:47,509 --> 00:13:45,120

to support it

387

00:13:49,030 --> 00:13:47,519

i will say one thing that surprised me

388

00:13:52,389 --> 00:13:49,040

when i was

389

00:13:55,509 --> 00:13:52,399

uh when we were researching the book and

390

00:13:57,750 --> 00:13:55,519

the actual mining processes of

391

00:13:59,990 --> 00:13:57,760

certain minerals that are particularly

392

00:14:03,030 --> 00:14:00,000

revered by crystal healers

393

00:14:03,750 --> 00:14:03,040

for example rose quartz um there's a lot

394

00:14:06,470 --> 00:14:03,760

of places

395

00:14:07,350 --> 00:14:06,480

uh where these are these minerals are

396

00:14:09,269 --> 00:14:07,360

obtained

397

00:14:10,790 --> 00:14:09,279

um illegally or dangerously and in the

398

00:14:13,990 --> 00:14:10,800

case of reports

399

00:14:17,269 --> 00:14:14,000

um sometimes with with child labor in

400

00:14:19,430 --> 00:14:17,279

uh namely in madagascar and

401  
00:14:20,470 --> 00:14:19,440  
those facts are really at odds with the

402  
00:14:22,629 --> 00:14:20,480  
crystal

403  
00:14:24,790 --> 00:14:22,639  
healing you know ideals of being

404  
00:14:26,550 --> 00:14:24,800  
holistic being natural being more

405  
00:14:30,069 --> 00:14:26,560  
organic

406  
00:14:31,110 --> 00:14:30,079  
and a lot of the shadier sides of

407  
00:14:34,389 --> 00:14:31,120  
crystal mining

408  
00:14:37,350 --> 00:14:34,399  
um that really fly on the face of of

409  
00:14:38,710 --> 00:14:37,360  
those ideas well you make an excellent

410  
00:14:40,790 --> 00:14:38,720  
point there because a lot of the people

411  
00:14:43,430 --> 00:14:40,800  
who are involved in that realm of

412  
00:14:43,990 --> 00:14:43,440  
so-called crystal healing and thinking

413  
00:14:45,829 --> 00:14:44,000

they're getting

414

00:14:48,389 --> 00:14:45,839

benefit and they have that outlook of

415

00:14:50,790 --> 00:14:48,399

being one with nature and

416

00:14:52,949 --> 00:14:50,800

trying to be uh at peace with the

417

00:14:53,189 --> 00:14:52,959

universe and having an ethical outlook

418

00:14:57,110 --> 00:14:53,199

and

419

00:14:59,350 --> 00:14:57,120

when i discovered

420

00:15:01,350 --> 00:14:59,360

that a lot of these crystals are sourced

421

00:15:04,550 --> 00:15:01,360

in a most unethical way

422

00:15:05,030 --> 00:15:04,560

and certainly not all of them but but

423

00:15:07,750 --> 00:15:05,040

enough

424

00:15:08,949 --> 00:15:07,760

that it is a it is a concern whenever

425

00:15:10,949 --> 00:15:08,959

whenever you're buying

426  
00:15:12,550 --> 00:15:10,959  
yeah any anything that's been mined you

427  
00:15:14,230 --> 00:15:12,560  
kind of have to ask that question to

428  
00:15:16,629 --> 00:15:14,240  
yourself where did this come from who

429  
00:15:17,829 --> 00:15:16,639  
who did the work and what did they get

430  
00:15:19,750 --> 00:15:17,839  
yeah

431  
00:15:21,590 --> 00:15:19,760  
yes it's one of the many fascinating

432  
00:15:24,069 --> 00:15:21,600  
things i discovered in this book

433  
00:15:25,990 --> 00:15:24,079  
now a question for both of you is who is

434  
00:15:27,750 --> 00:15:26,000  
this book really aimed at

435  
00:15:29,509 --> 00:15:27,760  
now i'm a skeptic i've been around for a

436  
00:15:30,870 --> 00:15:29,519  
while doing this sort of stuff and i

437  
00:15:34,069 --> 00:15:30,880  
found it uh

438  
00:15:36,150 --> 00:15:34,079

of great interest it was an education

439

00:15:38,310 --> 00:15:36,160

but when you were writing it

440

00:15:39,509 --> 00:15:38,320

who who was it really aimed at in your

441

00:15:42,069 --> 00:15:39,519

opinion

442

00:15:42,949 --> 00:15:42,079

well i think i don't think we're going

443

00:15:45,189 --> 00:15:42,959

to

444

00:15:46,389 --> 00:15:45,199

change the minds of anyone who is is

445

00:15:48,629 --> 00:15:46,399

deeply entrenched in

446

00:15:49,749 --> 00:15:48,639

in metaphysical or pseudoscientific

447

00:15:53,030 --> 00:15:49,759

beliefs

448

00:15:56,470 --> 00:15:53,040

but if we can get the point across

449

00:15:58,150 --> 00:15:56,480

to to someone who's curious who's

450

00:15:59,509 --> 00:15:58,160

maybe interested in rocks and minerals

451  
00:16:01,110 --> 00:15:59,519  
thinks crystals are really neat but

452  
00:16:02,470 --> 00:16:01,120  
doesn't know a lot about them

453  
00:16:04,150 --> 00:16:02,480  
maybe they're talking to people on

454  
00:16:05,509 --> 00:16:04,160  
facebook about the properties of

455  
00:16:07,350 --> 00:16:05,519  
crystals and maybe they're getting some

456  
00:16:10,069 --> 00:16:07,360  
bad information

457  
00:16:10,550 --> 00:16:10,079  
they might be leaning towards crystal

458  
00:16:12,710 --> 00:16:10,560  
healing

459  
00:16:14,310 --> 00:16:12,720  
believes this this book is really for

460  
00:16:17,670 --> 00:16:14,320  
them i i think we

461  
00:16:20,790 --> 00:16:17,680  
we did a good job walking people through

462  
00:16:23,749 --> 00:16:20,800  
what crystals really are and how

463  
00:16:25,829 --> 00:16:23,759

um the crystal healing industry can lead

464

00:16:28,310 --> 00:16:25,839

you astray

465

00:16:30,470 --> 00:16:28,320

yeah and i think it's also for people

466

00:16:32,230 --> 00:16:30,480

like yourself who may know of somebody a

467

00:16:34,790 --> 00:16:32,240

family member or friend who's going

468

00:16:36,470 --> 00:16:34,800

down the path of getting more entrenched

469

00:16:37,910 --> 00:16:36,480

in the practices and so we're hoping

470

00:16:39,749 --> 00:16:37,920

this can help

471

00:16:41,110 --> 00:16:39,759

armed individuals to come up with

472

00:16:43,590 --> 00:16:41,120

different talking points

473

00:16:44,949 --> 00:16:43,600

um and do it in a really empathic and

474

00:16:47,990 --> 00:16:44,959

understanding way

475

00:16:50,230 --> 00:16:48,000

um to help convince them that

476

00:16:52,790 --> 00:16:50,240

this really isn't an evidence-based and

477

00:16:55,509 --> 00:16:52,800

well-supported practice and could have

478

00:16:57,910 --> 00:16:55,519

more negative consequences down the line

479

00:16:58,629 --> 00:16:57,920

now folks the book is called crystal

480

00:17:01,030 --> 00:16:58,639

healing

481

00:17:01,910 --> 00:17:01,040

the science and psychology behind what

482

00:17:05,510 --> 00:17:01,920

works

483

00:17:06,230 --> 00:17:05,520

what doesn't and why by adventure

484

00:17:09,429 --> 00:17:06,240

publishing

485

00:17:11,270 --> 00:17:09,439

by dan lynch and dr julie kirsch and i'd

486

00:17:13,510 --> 00:17:11,280

like to thank you very much for spending

487

00:17:15,270 --> 00:17:13,520

some time here on the skeptic zone

488

00:17:16,949 --> 00:17:15,280

and i'll put a link in this week's show

489

00:17:19,270 --> 00:17:16,959

notes so you can

490

00:17:20,710 --> 00:17:19,280

have a look at where to get that book

491

00:17:23,429 --> 00:17:20,720

for yourself

492

00:17:24,470 --> 00:17:23,439

and i think it's going to be available

493

00:17:27,990 --> 00:17:24,480

in

494

00:17:31,590 --> 00:17:28,000

major covert

495

00:17:33,029 --> 00:17:31,600

delays well who can look into the future

496

00:17:35,350 --> 00:17:33,039

we need a crystal for that

497

00:17:36,789 --> 00:17:35,360

well for now dan lynch and dr julie

498

00:17:37,669 --> 00:17:36,799

kirsch all the way over there in

499

00:17:40,390 --> 00:17:37,679

beautiful

500

00:17:41,110 --> 00:17:40,400

madison wisconsin thank you very much

501  
00:17:47,910 --> 00:17:41,120  
thank you for having

502  
00:18:54,830 --> 00:18:34,950  
[Music]

503  
00:19:05,510 --> 00:18:56,380  
uh

504  
00:19:14,560 --> 00:19:11,750  
and now a reading from the book of time

505  
00:19:18,230 --> 00:19:14,570  
with tim mendom

506  
00:19:22,789 --> 00:19:20,470  
hi my name is tim menden and i'm the

507  
00:19:25,110 --> 00:19:22,799  
executive officer of australian skeptics

508  
00:19:26,070 --> 00:19:25,120  
and editor of our quarterly magazine the

509  
00:19:28,430 --> 00:19:26,080  
skeptic

510  
00:19:30,470 --> 00:19:28,440  
which you can download off our website

511  
00:19:31,909 --> 00:19:30,480  
skeptics.com

512  
00:19:33,750 --> 00:19:31,919  
today i'm going to be looking at the

513  
00:19:35,270 --> 00:19:33,760

column called what goes around

514

00:19:36,950 --> 00:19:35,280

which is basically an idea that you

515

00:19:38,390 --> 00:19:36,960

start with one fact and you can make all

516

00:19:40,150 --> 00:19:38,400

sorts of links and end up where you

517

00:19:42,470 --> 00:19:40,160

started from

518

00:19:44,470 --> 00:19:42,480

and this one is looking at seeing things

519

00:19:46,710 --> 00:19:44,480

insights and outsides

520

00:19:48,710 --> 00:19:46,720

and it comes from the skeptic magazine

521

00:19:52,070 --> 00:19:48,720

june 2016

522

00:19:53,350 --> 00:19:52,080

which is volume 36 number two and you

523

00:19:55,070 --> 00:19:53,360

can look that up as i said on our

524

00:19:58,789 --> 00:19:55,080

website

525

00:20:02,470 --> 00:20:00,070

we start off with the concept of

526  
00:20:03,110 --> 00:20:02,480  
pareidolia which is the word that's used

527  
00:20:05,270 --> 00:20:03,120  
a lot

528  
00:20:06,710 --> 00:20:05,280  
in skeptical circles which is a

529  
00:20:08,630 --> 00:20:06,720  
psychological phenomenon

530  
00:20:10,149 --> 00:20:08,640  
involving a stimulus which could be an

531  
00:20:12,310 --> 00:20:10,159  
image or a sound

532  
00:20:13,909 --> 00:20:12,320  
wherein the mind perceives a familiar

533  
00:20:16,549 --> 00:20:13,919  
pattern of something where

534  
00:20:18,710 --> 00:20:16,559  
no pattern actually exists common

535  
00:20:19,510 --> 00:20:18,720  
examples are perceived images of animals

536  
00:20:21,750 --> 00:20:19,520  
faces

537  
00:20:23,029 --> 00:20:21,760  
or objects in cloud formations the man

538  
00:20:24,630 --> 00:20:23,039

in the moon

539

00:20:27,190 --> 00:20:24,640

or the moon rabbit as it is in some

540

00:20:28,789 --> 00:20:27,200

cultures hidden messages within recorded

541

00:20:31,270 --> 00:20:28,799

music played in reverse

542

00:20:33,190 --> 00:20:31,280

or at higher or lower than normal speeds

543

00:20:35,510 --> 00:20:33,200

and jesus on a slice of toast

544

00:20:37,669 --> 00:20:35,520

the word is derived from the greek words

545

00:20:38,950 --> 00:20:37,679

para which means beside or alongside or

546

00:20:40,789 --> 00:20:38,960

instead of

547

00:20:42,870 --> 00:20:40,799

in the context meaning something faulty

548

00:20:46,710 --> 00:20:42,880

or wrong and the noun

549

00:20:49,750 --> 00:20:46,720

adolemn meaning image form or shape

550

00:20:51,909 --> 00:20:49,760

so it's a instead of shape

551  
00:20:54,230 --> 00:20:51,919  
paradolia is different to hallucinations

552  
00:20:56,149 --> 00:20:54,240  
the former is seeing something real

553  
00:20:57,750 --> 00:20:56,159  
but interpreting incorrectly

554  
00:21:00,149 --> 00:20:57,760  
hallucinations on the other hand

555  
00:21:01,669 --> 00:21:00,159  
a phenomena of seeing hearing touching

556  
00:21:02,630 --> 00:21:01,679  
tasting or smelling things that are not

557  
00:21:04,630 --> 00:21:02,640  
there

558  
00:21:07,029 --> 00:21:04,640  
sleep deprivation can result in a

559  
00:21:08,549 --> 00:21:07,039  
predictable series of hallucinations

560  
00:21:10,630 --> 00:21:08,559  
and the first of these is the sense of

561  
00:21:11,830 --> 00:21:10,640  
something moving in your peripheral

562  
00:21:13,909 --> 00:21:11,840  
vision

563  
00:21:15,430 --> 00:21:13,919

some have dubbed these brown furries

564

00:21:18,390 --> 00:21:15,440

because they often appear

565

00:21:20,230 --> 00:21:18,400

as indistinct black brown objects and

566

00:21:23,190 --> 00:21:20,240

the peripheral vision is primarily

567

00:21:24,149 --> 00:21:23,200

gray scale visual hallucinations common

568

00:21:27,590 --> 00:21:24,159

in people with

569

00:21:29,430 --> 00:21:27,600

dementia with lewy bodies and the less

570

00:21:30,070 --> 00:21:29,440

common audio hallucinations may be

571

00:21:32,789 --> 00:21:30,080

associated

572

00:21:35,430 --> 00:21:32,799

with psychic phenomena now frank podmore

573

00:21:37,750 --> 00:21:35,440

who lived from 1856 to 1910

574

00:21:39,590 --> 00:21:37,760

was an english author a founding member

575

00:21:40,470 --> 00:21:39,600

of the fabian society a psychical

576  
00:21:42,870 --> 00:21:40,480  
researcher

577  
00:21:44,470 --> 00:21:42,880  
and member of the society for psychical

578  
00:21:46,310 --> 00:21:44,480  
research

579  
00:21:47,830 --> 00:21:46,320  
unlike most works published by members

580  
00:21:49,669 --> 00:21:47,840  
of the spr

581  
00:21:51,430 --> 00:21:49,679  
podmore's output received good reviews

582  
00:21:53,590 --> 00:21:51,440  
from the scientific community

583  
00:21:54,630 --> 00:21:53,600  
particularly as he gave rationalistic

584  
00:21:56,549 --> 00:21:54,640  
explanations

585  
00:21:57,990 --> 00:21:56,559  
for much of the psychical research that

586  
00:21:59,510 --> 00:21:58,000  
he studied

587  
00:22:01,029 --> 00:21:59,520  
while he considered mediums to be

588  
00:22:03,190 --> 00:22:01,039

fraudulent

589

00:22:04,950 --> 00:22:03,200

he was open-minded about the telepathic

590

00:22:07,590 --> 00:22:04,960

hypothesis for leonora

591

00:22:09,510 --> 00:22:07,600

piper's sciences however he said that

592

00:22:12,630 --> 00:22:09,520

the evidence for the crs

593

00:22:15,190 --> 00:22:12,640

of pravast was inconclusive

594

00:22:18,390 --> 00:22:15,200

and sometimes indicative of collusion

595

00:22:21,630 --> 00:22:18,400

with members of the series's family

596

00:22:24,070 --> 00:22:21,640

friedrich half who lived from 1801 to

597

00:22:25,190 --> 00:22:24,080

1829 so therefore she wasn't very old

598

00:22:27,909 --> 00:22:25,200

when she died

599

00:22:30,070 --> 00:22:27,919

was also known as fredericka half or the

600

00:22:32,470 --> 00:22:30,080

sea rest of pravost

601  
00:22:34,070 --> 00:22:32,480  
she was a german clairvoyant medium and

602  
00:22:35,830 --> 00:22:34,080  
somnambulist

603  
00:22:37,190 --> 00:22:35,840  
sleepwalking she suffered from

604  
00:22:38,710 --> 00:22:37,200  
convulsions and would fall into

605  
00:22:40,230 --> 00:22:38,720  
spontaneous trances

606  
00:22:42,149 --> 00:22:40,240  
she claimed to have communicated with

607  
00:22:44,070 --> 00:22:42,159  
spirits and experienced visions

608  
00:22:46,710 --> 00:22:44,080  
she was made famous by the physician and

609  
00:22:49,350 --> 00:22:46,720  
poet justinis kerner

610  
00:22:51,190 --> 00:22:49,360  
who described her trances in his book

611  
00:22:53,270 --> 00:22:51,200  
the saber and von prevost

612  
00:22:55,590 --> 00:22:53,280  
which you can imagine is revelations of

613  
00:22:57,510 --> 00:22:55,600

the human inner life and about the

614

00:22:59,270 --> 00:22:57,520

penetrations of the

615

00:23:00,950 --> 00:22:59,280

spirit world into ours which is the

616

00:23:03,590 --> 00:23:00,960

world's longest subtitle

617

00:23:06,549 --> 00:23:03,600

and recorded alleged instances of her

618

00:23:10,789 --> 00:23:06,559

clairvoyance and prophetic dreams

619

00:23:13,669 --> 00:23:10,799

he also pioneered klexography

620

00:23:14,950 --> 00:23:13,679

and included klexographs in his books of

621

00:23:18,310 --> 00:23:14,960

poetry

622

00:23:21,110 --> 00:23:18,320

claxography is the art of making images

623

00:23:22,630 --> 00:23:21,120

from inkblots kerner invented the

624

00:23:24,549 --> 00:23:22,640

technique when he started

625

00:23:27,270 --> 00:23:24,559

accidentally dropping blots of ink onto

626

00:23:29,110 --> 00:23:27,280

paper due to his failing eyesight

627

00:23:31,830 --> 00:23:29,120

instead of throwing them away he found

628

00:23:34,710 --> 00:23:31,840

that intriguing shapes appeared if he

629

00:23:37,190 --> 00:23:34,720

unfolded the papers kerner began a

630

00:23:40,230 --> 00:23:37,200

collection of klexographs and poetry

631

00:23:43,510 --> 00:23:40,240

in 1857 titled

632

00:23:45,430 --> 00:23:43,520

claxa graphene his collection was not

633

00:23:47,510 --> 00:23:45,440

published until 1890 because of his

634

00:23:50,230 --> 00:23:47,520

death in 1862.

635

00:23:51,269 --> 00:23:50,240

since the 1890s psychologists have used

636

00:23:54,310 --> 00:23:51,279

claxography

637

00:23:56,710 --> 00:23:54,320

as a tool for studying the subconscious

638

00:23:57,909 --> 00:23:56,720

most famously by swiss freudian

639

00:24:01,549 --> 00:23:57,919

psychiatrist

640

00:24:03,269 --> 00:24:01,559

hermann roshak who lived from 1884 to

641

00:24:05,669 --> 00:24:03,279

1922

642

00:24:06,390 --> 00:24:05,679

as a child roschach was known to his

643

00:24:09,110 --> 00:24:06,400

friends

644

00:24:10,070 --> 00:24:09,120

as cliques because of his interest in

645

00:24:13,350 --> 00:24:10,080

klexographic

646

00:24:15,590 --> 00:24:13,360

inkblots he developed 10 tests

647

00:24:17,750 --> 00:24:15,600

printed on cards that are used to assess

648

00:24:19,350 --> 00:24:17,760

subjects perceptions of inkblots

649

00:24:21,750 --> 00:24:19,360

analyze using psychological

650

00:24:22,470 --> 00:24:21,760

interpretation complex algorithms or

651  
00:24:24,630 --> 00:24:22,480  
both

652  
00:24:26,789 --> 00:24:24,640  
some psychologists use this test to

653  
00:24:29,750 --> 00:24:26,799  
examine a person's personality

654  
00:24:31,510 --> 00:24:29,760  
characteristics and emotional function

655  
00:24:33,909 --> 00:24:31,520  
it has been employed to detect

656  
00:24:35,269 --> 00:24:33,919  
underlying thought disorders especially

657  
00:24:37,750 --> 00:24:35,279  
in cases where patients

658  
00:24:38,470 --> 00:24:37,760  
are reluctant to describe their thinking

659  
00:24:42,310 --> 00:24:38,480  
processes

660  
00:24:43,029 --> 00:24:42,320  
openly the raw shock is a projective

661  
00:24:46,149 --> 00:24:43,039  
test

662  
00:24:47,669 --> 00:24:46,159  
as it intentionally elicits the thoughts

663  
00:24:50,630 --> 00:24:47,679

or feelings of respondents

664

00:24:52,230 --> 00:24:50,640

which are projected onto the ambiguous

665

00:24:54,710 --> 00:24:52,240

inkblot images

666

00:24:55,430 --> 00:24:54,720

and projection in this instance is a

667

00:24:58,390 --> 00:24:55,440

form of

668

00:25:00,070 --> 00:24:58,400

directed paradolia which brings us back

669

00:25:04,590 --> 00:25:00,080

to where we started from

670

00:25:08,390 --> 00:25:06,950

[Music]

671

00:25:10,230 --> 00:25:08,400

and that was in the what goes around

672

00:25:13,269 --> 00:25:10,240

column in the skeptic magazine

673

00:25:15,990 --> 00:25:13,279

june 2016 which is volume

674

00:25:16,870 --> 00:25:16,000

36 number two you can download the

675

00:25:19,269 --> 00:25:16,880

entire

676  
00:25:20,310 --> 00:25:19,279  
copy of that issue of the magazine as

677  
00:25:26,549 --> 00:25:20,320  
with many others

678  
00:25:30,950 --> 00:25:28,310  
and while you're there maybe you should

679  
00:25:32,789 --> 00:25:30,960  
think of subscribing to the magazine

680  
00:25:34,710 --> 00:25:32,799  
it's a plethora of fascinating

681  
00:25:43,870 --> 00:25:34,720  
information i should know

682  
00:25:50,470 --> 00:25:48,149  
[Music]

683  
00:25:51,590 --> 00:25:50,480  
the skeptic the journal from australian

684  
00:25:53,590 --> 00:25:51,600  
skeptics

685  
00:25:55,990 --> 00:25:53,600  
subscribe online the world's second

686  
00:25:59,909 --> 00:25:56,000  
oldest skeptical magazine

687  
00:26:02,789 --> 00:25:59,919  
just visit [www.skeptics.com](http://www.skeptics.com)

688  
00:26:03,750 --> 00:26:02,799

and click the magazine link there you

689

00:26:07,110 --> 00:26:03,760

will also find

690

00:26:07,909 --> 00:26:07,120

free to download almost 40 years of back

691

00:26:10,230 --> 00:26:07,919

issues

692

00:26:10,950 --> 00:26:10,240

the skeptic the journal from australian

693

00:26:13,350 --> 00:26:10,960

skeptics

694

00:26:14,390 --> 00:26:13,360

available as a physical copy or as a

695

00:26:25,960 --> 00:26:14,400

digital copy

696

00:26:25,970 --> 00:26:37,430

[Music]

697

00:26:41,190 --> 00:26:38,950

now let's take a look at the australian

698

00:26:43,830 --> 00:26:41,200

skeptics newsletter newsletter number

699

00:26:48,549 --> 00:26:43,840

116 written and compiled by tim

700

00:26:51,510 --> 00:26:48,559

mendem hi all the death toll from covert

701  
00:26:52,070 --> 00:26:51,520  
continues to increase the us passes half

702  
00:26:55,110 --> 00:26:52,080  
a million

703  
00:26:56,870 --> 00:26:55,120  
and belgium inches closer to one in

704  
00:26:59,750 --> 00:26:56,880  
every 500.

705  
00:27:01,830 --> 00:26:59,760  
nations speak of third and fourth waves

706  
00:27:03,430 --> 00:27:01,840  
in australia and new zealand we suffer

707  
00:27:05,909 --> 00:27:03,440  
the occasional outbreaks

708  
00:27:07,110 --> 00:27:05,919  
and react with concern and sometimes

709  
00:27:09,110 --> 00:27:07,120  
restrictions

710  
00:27:11,269 --> 00:27:09,120  
even though the numbers are incredibly

711  
00:27:13,430 --> 00:27:11,279  
low compared to elsewhere

712  
00:27:16,470 --> 00:27:13,440  
it makes you realize what a fragile

713  
00:27:20,070 --> 00:27:16,480

thing is but protection from pandemics

714

00:27:22,630 --> 00:27:20,080

so as the vaccines roll out it is even

715

00:27:24,230 --> 00:27:22,640

more concerning that the anti-vaxx

716

00:27:25,549 --> 00:27:24,240

movement continues to spread

717

00:27:28,789 --> 00:27:25,559

misinformation

718

00:27:31,909 --> 00:27:28,799

misrepresentation and simply

719

00:27:34,950 --> 00:27:31,919

lies whether by traveling bus

720

00:27:35,669 --> 00:27:34,960

or millions march protests and by

721

00:27:39,590 --> 00:27:35,679

millions

722

00:27:43,669 --> 00:27:41,669

and the first item says here australians

723

00:27:46,710 --> 00:27:43,679

on getting the covert jab

724

00:27:49,510 --> 00:27:46,720

a recent study by anu found a

725

00:27:50,310 --> 00:27:49,520

significant and substantial increase in

726  
00:27:52,950 --> 00:27:50,320  
vaccine

727  
00:27:55,269 --> 00:27:52,960  
hesitancy since the same people were

728  
00:27:57,269 --> 00:27:55,279  
asked about getting the job last year

729  
00:28:00,230 --> 00:27:57,279  
with those becoming less willing to get

730  
00:28:03,909 --> 00:28:00,240  
a vaccine increasing by 31.9 percent

731  
00:28:06,950 --> 00:28:03,919  
between august 2020 and january 2021

732  
00:28:08,630 --> 00:28:06,960  
and 9.9 percent more willing

733  
00:28:10,630 --> 00:28:08,640  
according to the study females

734  
00:28:12,470 --> 00:28:10,640  
indigenous australians

735  
00:28:13,830 --> 00:28:12,480  
and those who speak a language other

736  
00:28:17,269 --> 00:28:13,840  
than english at home

737  
00:28:20,149 --> 00:28:17,279  
and those who have not completed year 12

738  
00:28:20,870 --> 00:28:20,159

that's a year 12 in high school have

739

00:28:23,669 --> 00:28:20,880

become

740

00:28:24,070 --> 00:28:23,679

less willing to get vaccine compared

741

00:28:27,110 --> 00:28:24,080

with

742

00:28:29,750 --> 00:28:27,120

the rest of the australian population

743

00:28:31,590 --> 00:28:29,760

and don't forget each of these segments

744

00:28:34,789 --> 00:28:31,600

is accompanied by a link you can click

745

00:28:37,190 --> 00:28:34,799

on to take you to the full story

746

00:28:38,950 --> 00:28:37,200

global summit on the efficacy of spinal

747

00:28:41,510 --> 00:28:38,960

manipulation therapy

748

00:28:43,029 --> 00:28:41,520

a recent report from a global summit of

749

00:28:45,510 --> 00:28:43,039

international scientists

750

00:28:46,230 --> 00:28:45,520

has found that there is quote no

751  
00:28:50,310 --> 00:28:46,240  
evidence

752  
00:28:52,870 --> 00:28:50,320  
for an effect of smt

753  
00:28:55,190 --> 00:28:52,880  
spinal manipulative therapy for the

754  
00:28:59,029 --> 00:28:55,200  
management of non-musculoskeletal

755  
00:29:02,230 --> 00:28:59,039  
disorders including infantile colic

756  
00:29:04,950 --> 00:29:02,240  
childhood asthma hypertension

757  
00:29:06,070 --> 00:29:04,960  
primary dysmenorrhea and migraine end

758  
00:29:08,310 --> 00:29:06,080  
quote

759  
00:29:09,190 --> 00:29:08,320  
a proportion of chiropractors osteopaths

760  
00:29:12,310 --> 00:29:09,200  
and other

761  
00:29:15,590 --> 00:29:12,320  
manual medical providers use

762  
00:29:17,710 --> 00:29:15,600  
smt for the primary secondary and

763  
00:29:20,230 --> 00:29:17,720

tertiary prevention of

764

00:29:22,630 --> 00:29:20,240

non-musculoskeletal disorders

765

00:29:24,310 --> 00:29:22,640

the summit's findings challenges the

766

00:29:26,669 --> 00:29:24,320

validity of the theory

767

00:29:28,389 --> 00:29:26,679

that treating spinal dysfunctions with

768

00:29:31,190 --> 00:29:28,399

smt

769

00:29:32,549 --> 00:29:31,200

has a physiological effect on organs and

770

00:29:35,190 --> 00:29:32,559

their function

771

00:29:37,669 --> 00:29:35,200

how australia became fertile ground for

772

00:29:40,070 --> 00:29:37,679

misinformation and q anon

773

00:29:42,070 --> 00:29:40,080

australians have proven highly capable

774

00:29:43,669 --> 00:29:42,080

of adapting international conspiracy

775

00:29:46,549 --> 00:29:43,679

theories like q anon

776

00:29:48,230 --> 00:29:46,559

to the local context and the problem is

777

00:29:50,950 --> 00:29:48,240

not going away

778

00:29:53,029 --> 00:29:50,960

one report found that australia was the

779

00:29:54,950 --> 00:29:53,039

fourth largest country for q and on

780

00:29:58,389 --> 00:29:54,960

activity behind the us

781

00:30:01,510 --> 00:29:58,399

the uk and canada though the u.s

782

00:30:04,470 --> 00:30:01,520

leads the field by a country mile

783

00:30:06,789 --> 00:30:04,480

this is quite a detailed article on the

784

00:30:09,190 --> 00:30:06,799

status of conspiracy theories

785

00:30:10,549 --> 00:30:09,200

and theorists and q and on followers in

786

00:30:12,310 --> 00:30:10,559

australia

787

00:30:13,750 --> 00:30:12,320

and some of the other items here in the

788

00:30:17,190 --> 00:30:13,760

newsletter

789

00:30:19,190 --> 00:30:17,200

influence of the moon on agriculture

790

00:30:21,990 --> 00:30:19,200

a research team from the university of

791

00:30:24,310 --> 00:30:22,000

valencia warns of the pseudoscience that

792

00:30:25,750 --> 00:30:24,320

is the influence of the moon on

793

00:30:27,750 --> 00:30:25,760

agriculture

794

00:30:29,110 --> 00:30:27,760

the next issue of the skeptic the

795

00:30:29,750 --> 00:30:29,120

journal from australian skeptics of

796

00:30:32,389 --> 00:30:29,760

course

797

00:30:34,389 --> 00:30:32,399

features an in-depth look at the role of

798

00:30:37,590 --> 00:30:34,399

biodynamic theory

799

00:30:39,269 --> 00:30:37,600

in the wine industry hmm do you need any

800

00:30:40,789 --> 00:30:39,279

uh taste testers there tim

801  
00:30:42,549 --> 00:30:40,799  
pete evans running for federal

802  
00:30:45,510 --> 00:30:42,559  
parliament paleo pete

803  
00:30:48,070 --> 00:30:45,520  
will run as the first senate candidate

804  
00:30:50,710 --> 00:30:48,080  
for the great australian party

805  
00:30:52,470 --> 00:30:50,720  
a fringe party set up by former one

806  
00:30:55,190 --> 00:30:52,480  
nation politician

807  
00:30:56,870 --> 00:30:55,200  
rod cullet quote pete evans has

808  
00:30:58,789 --> 00:30:56,880  
maintained his principles

809  
00:31:01,350 --> 00:30:58,799  
and inspired others in the face of

810  
00:31:04,470 --> 00:31:01,360  
uncommon adversity and quote

811  
00:31:07,430 --> 00:31:04,480  
carlton said and it's written right here

812  
00:31:12,549 --> 00:31:10,549  
skepticon 2019 videos a selection

813  
00:31:13,990 --> 00:31:12,559

of presentations from the australian

814

00:31:15,750 --> 00:31:14,000

skeptics national convention in

815

00:31:18,470 --> 00:31:15,760

melbourne in 2019

816

00:31:20,310 --> 00:31:18,480

are now available for viewing and the

817

00:31:23,590 --> 00:31:20,320

ones currently available are mark

818

00:31:26,870 --> 00:31:23,600

edward doing a seance dr suyurachi about

819

00:31:30,310 --> 00:31:26,880

anti-science bingo lee murray on

820

00:31:33,269 --> 00:31:30,320

linguistics susan gerbic on cold reading

821

00:31:36,070 --> 00:31:33,279

and tina harrigan on charles darwin the

822

00:31:37,830 --> 00:31:36,080

newsletter also lists upcoming events

823

00:31:40,870 --> 00:31:37,840

including those in canberra

824

00:31:43,350 --> 00:31:40,880

sydney queensland victoria the gold

825

00:31:45,269 --> 00:31:43,360

coast perth and adelaide

826  
00:31:47,269 --> 00:31:45,279  
and you can read all of that and much

827  
00:31:48,710 --> 00:31:47,279  
more by subscribing to the australian

828  
00:31:50,470 --> 00:31:48,720  
skeptics newsletter

829  
00:32:06,070 --> 00:31:50,480  
which will appear in your inbox every

830  
00:32:11,190 --> 00:32:09,590  
drinking hey drinks hey so nice to be

831  
00:32:13,350 --> 00:32:11,200  
back at skeptics in the pub

832  
00:32:14,470 --> 00:32:13,360  
yes richard it's great that covert 19 is

833  
00:32:16,389 --> 00:32:14,480  
a thing of the past

834  
00:32:18,070 --> 00:32:16,399  
and we can gather together and not wear

835  
00:32:18,630 --> 00:32:18,080  
masks although i will occasionally you

836  
00:32:20,549 --> 00:32:18,640  
know like

837  
00:32:21,990 --> 00:32:20,559  
you know in special situations you know

838  
00:32:23,990 --> 00:32:22,000

what i mean

839

00:32:25,110 --> 00:32:24,000

this this beer tastes better than i

840

00:32:28,230 --> 00:32:25,120

remember

841

00:32:29,029 --> 00:32:28,240

and this beer glass is much bigger than

842

00:32:31,750 --> 00:32:29,039

i remember

843

00:32:32,310 --> 00:32:31,760

hmm oh thanks for this i'll get the next

844

00:32:34,950 --> 00:32:32,320

round

845

00:32:36,470 --> 00:32:34,960

ah no need all the beer is free tonight

846

00:32:38,230 --> 00:32:36,480

free

847

00:32:39,830 --> 00:32:38,240

wow did you hear that all the

848

00:32:41,029 --> 00:32:39,840

anti-vaxxers and flat earthers have

849

00:32:44,710 --> 00:32:41,039

changed their minds

850

00:32:46,310 --> 00:32:44,720

what really yeah yeah they're now busy

851  
00:32:46,789 --> 00:32:46,320  
writing apology letters to the whole

852  
00:32:48,149 --> 00:32:46,799  
world

853  
00:32:49,509 --> 00:32:48,159  
they're really busy they're gonna have

854  
00:32:49,990 --> 00:32:49,519  
to sharpen their pencil if you know what

855  
00:32:53,110 --> 00:32:50,000  
i mean

856  
00:32:53,350 --> 00:32:53,120  
ah look it's lara coming over here with

857  
00:33:14,630 --> 00:32:53,360  
a

858  
00:33:17,269 --> 00:33:14,640  
uber rides home

859  
00:33:18,549 --> 00:33:17,279  
wow hang on this seems too good to be

860  
00:33:20,230 --> 00:33:18,559  
true who's the guest speaker it's not

861  
00:33:23,430 --> 00:33:20,240  
bloody brian dunning is it

862  
00:33:26,710 --> 00:33:23,440  
let me see uh this

863  
00:33:29,350 --> 00:33:26,720

is odd it says here it's the skeptical

864

00:33:33,190 --> 00:33:29,360

fairy godmother angel from the internet

865

00:33:43,909 --> 00:33:33,200

the skeptical godmoth fairy in

866

00:33:47,909 --> 00:33:46,470

hello everyone who are you like you're

867

00:33:50,149 --> 00:33:47,919

only 10 centimeters tall

868

00:33:51,350 --> 00:33:50,159

that's about four inches for those of

869

00:33:53,990 --> 00:33:51,360

you using the

870

00:33:55,750 --> 00:33:54,000

darth vader imperial system and floating

871

00:33:58,789 --> 00:33:55,760

in the air that can't be right

872

00:34:02,149 --> 00:33:58,799

as lara said i'm the skeptical

873

00:34:04,230 --> 00:34:02,159

fairy godmother angel from the internet

874

00:34:06,630 --> 00:34:04,240

ask a silly question and you're

875

00:34:10,069 --> 00:34:06,640

tonight's guest speaker well

876

00:34:15,030 --> 00:34:10,079

not really i have come to tell you that

877

00:34:20,230 --> 00:34:17,430

i thought this was too good to be true i

878

00:34:22,149 --> 00:34:20,240

know we can't meet in pubs at the moment

879

00:34:25,349 --> 00:34:22,159

but that shouldn't stop you from

880

00:34:28,389 --> 00:34:25,359

enjoying skeptical talks online

881

00:34:31,510 --> 00:34:28,399

the fixed skeptics have skeptics cafe

882

00:34:32,629 --> 00:34:31,520

each month sydney has skeptics in the

883

00:34:35,109 --> 00:34:32,639

pub

884

00:34:35,669 --> 00:34:35,119

there are online events from the gold

885

00:34:38,710 --> 00:34:35,679

coast

886

00:34:42,230 --> 00:34:38,720

and yes yes this all sounds

887

00:34:43,270 --> 00:34:42,240

eerily familiar have we met before

888

00:34:47,349 --> 00:34:43,280

somewhere

889

00:34:48,069 --> 00:34:47,359

maybe we have maybe it was as we watched

890

00:34:51,270 --> 00:34:48,079

a live

891

00:34:51,909 --> 00:34:51,280

and interactive skeptical talk all you

892

00:34:54,950 --> 00:34:51,919

need do

893

00:34:56,389 --> 00:34:54,960

is search for them online no matter

894

00:34:58,069 --> 00:34:56,399

where you are in the world

895

00:34:59,990 --> 00:34:58,079

she's right i've been watching skeptical

896

00:35:01,589 --> 00:35:00,000

talks from the uk the us

897

00:35:03,109 --> 00:35:01,599

and even one from my own living room

898

00:35:04,710 --> 00:35:03,119

although that one wasn't very

899

00:35:05,190 --> 00:35:04,720

interesting i fell asleep and i was the

900

00:35:08,230 --> 00:35:05,200

speaker

901  
00:35:11,670 --> 00:35:08,240  
hang on hang on weren't you once

902  
00:35:15,030 --> 00:35:11,680  
the tooth fairy i'll

903  
00:35:20,870 --> 00:35:15,040  
never live that down one last

904  
00:35:28,470 --> 00:35:20,880  
question yes just whose dream is this

905  
00:35:32,310 --> 00:35:31,510  
sparklers she disappeared but um we're

906  
00:35:35,349 --> 00:35:32,320  
still here

907  
00:35:39,430 --> 00:35:35,359  
huh right so

908  
00:35:41,349 --> 00:35:39,440  
um lobster and chips anyone

909  
00:35:48,410 --> 00:35:41,359  
all right now it's a dream you want to

910  
00:35:59,990 --> 00:35:56,050  
[Music]

911  
00:36:02,069 --> 00:36:00,000  
now it's time once again to look into

912  
00:36:04,550 --> 00:36:02,079  
the unknown into the unknown the

913  
00:36:07,349 --> 00:36:04,560

continuing series of reports

914

00:36:09,430 --> 00:36:07,359  
from 1950 of psychic and other

915

00:36:12,870 --> 00:36:09,440  
paranormal tests

916

00:36:15,109 --> 00:36:12,880  
uh conducted in late 1949

917

00:36:16,870 --> 00:36:15,119  
reported in 1950 this comes to us from

918

00:36:19,829 --> 00:36:16,880  
the color magazine

919

00:36:20,870 --> 00:36:19,839  
sunday sun supplement and this

920

00:36:23,990 --> 00:36:20,880  
particular

921

00:36:29,930 --> 00:36:24,000  
part we're up to was published on the

922

00:36:34,390 --> 00:36:32,069  
[Music]

923

00:36:37,109 --> 00:36:34,400  
now over the many weeks we've been

924

00:36:40,710 --> 00:36:37,119  
reading the adventures of a panel

925

00:36:42,470 --> 00:36:40,720  
investigating spiritualism clairvoyance

926  
00:36:45,750 --> 00:36:42,480  
clear audience

927  
00:36:46,550 --> 00:36:45,760  
what we would now call channeling where

928  
00:36:49,510 --> 00:36:46,560  
people

929  
00:36:50,470 --> 00:36:49,520  
claim to be taken over by the spirit of

930  
00:36:53,910 --> 00:36:50,480  
so and so

931  
00:36:54,950 --> 00:36:53,920  
this that or the other including some

932  
00:36:58,390 --> 00:36:54,960  
native

933  
00:37:01,430 --> 00:36:58,400  
uh american people

934  
00:37:02,710 --> 00:37:01,440  
running water and white feather and a

935  
00:37:05,829 --> 00:37:02,720  
german doctor

936  
00:37:07,030 --> 00:37:05,839  
dr robert and of course we widely

937  
00:37:09,510 --> 00:37:07,040  
suspect that these

938  
00:37:13,510 --> 00:37:09,520

original disembodied spirits actually

939

00:37:16,550 --> 00:37:15,109

last week we had the summing up the

940

00:37:16,950 --> 00:37:16,560

beginning of the summing up from the

941

00:37:20,710 --> 00:37:16,960

panel

942

00:37:23,090 --> 00:37:20,720

we heard from lord amwell

943

00:37:24,550 --> 00:37:23,100

and sir john anderson

944

00:37:26,310 --> 00:37:24,560

[Music]

945

00:37:28,550 --> 00:37:26,320

this week we continue with the summing

946

00:37:32,050 --> 00:37:28,560

up from dr bendent

947

00:37:35,430 --> 00:37:32,060

and mrs haldane

948

00:37:41,430 --> 00:37:38,630

doctor pendant spiritualism is not a

949

00:37:44,870 --> 00:37:41,440

thing which stands up to investigation

950

00:37:47,430 --> 00:37:44,880

to believe in it one has first to refuse

951  
00:37:50,710 --> 00:37:47,440  
to allow oneself to be critical

952  
00:37:52,150 --> 00:37:50,720  
when one is in the movement this may

953  
00:37:55,190 --> 00:37:52,160  
seem at first sight

954  
00:37:56,550 --> 00:37:55,200  
harmless enough but if one looks a

955  
00:37:59,510 --> 00:37:56,560  
little more deeply

956  
00:38:00,470 --> 00:37:59,520  
one has to see that it is not so

957  
00:38:03,190 --> 00:38:00,480  
innocent a thing

958  
00:38:04,150 --> 00:38:03,200  
as one thinks the encouragement of

959  
00:38:07,270 --> 00:38:04,160  
credulity

960  
00:38:10,470 --> 00:38:07,280  
does nobody any good it is

961  
00:38:14,069 --> 00:38:10,480  
as bad or worse than encouraging

962  
00:38:16,829 --> 00:38:14,079  
cynicism and total unbelief

963  
00:38:18,950 --> 00:38:16,839

worse in that when one is totally

964

00:38:21,670 --> 00:38:18,960

unbelieving one is pulling

965

00:38:23,990 --> 00:38:21,680

all the time against a natural and

966

00:38:26,790 --> 00:38:24,000

healthy urge to find some kind of

967

00:38:27,750 --> 00:38:26,800

constructive philosophy of life which

968

00:38:31,030 --> 00:38:27,760

sooner or later

969

00:38:34,230 --> 00:38:31,040

may carry the unbeliever into a

970

00:38:35,190 --> 00:38:34,240

healthier frame of mind if one is

971

00:38:37,910 --> 00:38:35,200

credulous

972

00:38:40,390 --> 00:38:37,920

nothing short of some severe and

973

00:38:43,109 --> 00:38:40,400

probably highly painful shock

974

00:38:44,550 --> 00:38:43,119

will get one out of the sloth of

975

00:38:47,829 --> 00:38:44,560

emotionalism

976  
00:38:49,190 --> 00:38:47,839  
and then perhaps by reaction the one who

977  
00:38:52,870 --> 00:38:49,200  
hitherto believed

978  
00:38:53,750 --> 00:38:52,880  
too much finds himself disillusioned and

979  
00:38:56,710 --> 00:38:53,760  
naked

980  
00:38:57,910 --> 00:38:56,720  
and unable again to find any foothold

981  
00:39:01,670 --> 00:38:57,920  
from which to look

982  
00:39:05,270 --> 00:39:01,680  
positively at life and i'll just cut in

983  
00:39:08,390 --> 00:39:05,280  
here to comment that this although

984  
00:39:10,870 --> 00:39:08,400  
uh expressed a bit differently

985  
00:39:12,150 --> 00:39:10,880  
seems to me much of the same argument

986  
00:39:15,910 --> 00:39:12,160  
we've always

987  
00:39:17,030 --> 00:39:15,920  
heard from believers uh and psychics and

988  
00:39:19,510 --> 00:39:17,040

so on

989

00:39:20,069 --> 00:39:19,520

that you skeptics won't believe can't

990

00:39:22,550 --> 00:39:20,079

believe

991

00:39:23,589 --> 00:39:22,560

um etc etc it's just said a different

992

00:39:25,430 --> 00:39:23,599

way that's all

993

00:39:26,630 --> 00:39:25,440

once again putting the blame of any

994

00:39:28,790 --> 00:39:26,640

failure

995

00:39:30,950 --> 00:39:28,800

onto the person doing the investigation

996

00:39:34,069 --> 00:39:30,960

rather than the fact that uh

997

00:39:37,990 --> 00:39:34,079

the people being investigated

998

00:39:40,950 --> 00:39:38,000

aren't holding up aren't uh stacking up

999

00:39:41,990 --> 00:39:40,960

we read on this applies of course to

1000

00:39:44,150 --> 00:39:42,000

other creeds than

1001  
00:39:45,670 --> 00:39:44,160  
spiritualism in which the adherents are

1002  
00:39:48,310 --> 00:39:45,680  
not allowed to use their

1003  
00:39:49,190 --> 00:39:48,320  
intelligence or make their own valuation

1004  
00:39:52,310 --> 00:39:49,200  
of things

1005  
00:39:53,109 --> 00:39:52,320  
that in my opinion is one aspect of the

1006  
00:39:56,630 --> 00:39:53,119  
damage which

1007  
00:39:59,589 --> 00:39:56,640  
spiritualism can do there is another

1008  
00:40:00,310 --> 00:39:59,599  
which is that while it encourages the

1009  
00:40:03,750 --> 00:40:00,320  
negative

1010  
00:40:04,630 --> 00:40:03,760  
attitude of the rank and file and tends

1011  
00:40:07,589 --> 00:40:04,640  
to make them

1012  
00:40:09,030 --> 00:40:07,599  
complacent because of the flattery which

1013  
00:40:11,990 --> 00:40:09,040

the medium gives them

1014

00:40:12,630 --> 00:40:12,000

it encourages the medium to be dishonest

1015

00:40:15,430 --> 00:40:12,640

i say

1016

00:40:16,870 --> 00:40:15,440

this in the full knowledge that most

1017

00:40:19,510 --> 00:40:16,880

mediums are people

1018

00:40:20,950 --> 00:40:19,520

who are animated by the highest

1019

00:40:24,150 --> 00:40:20,960

principles

1020

00:40:28,309 --> 00:40:24,160

of integrity and who genuinely try

1021

00:40:30,710 --> 00:40:28,319

to give out nothing but the truth

1022

00:40:31,829 --> 00:40:30,720

moreover as people they are for the most

1023

00:40:34,550 --> 00:40:31,839

part very pleasant

1024

00:40:36,150 --> 00:40:34,560

and nice and very few succumb to

1025

00:40:38,550 --> 00:40:36,160

deliberate fraud

1026

00:40:39,670 --> 00:40:38,560

but if they do it is because they have

1027

00:40:42,550 --> 00:40:39,680

given way

1028

00:40:44,230 --> 00:40:42,560

to the temptation which is always before

1029

00:40:46,870 --> 00:40:44,240

the medium and which

1030

00:40:48,390 --> 00:40:46,880

fortunately most of them resist

1031

00:40:51,750 --> 00:40:48,400

successfully

1032

00:40:52,150 --> 00:40:51,760

it must be realized too that the medium

1033

00:40:55,190 --> 00:40:52,160

is

1034

00:40:58,390 --> 00:40:55,200

judged by what he produces

1035

00:41:00,230 --> 00:40:58,400

the more startling this is the better

1036

00:41:04,390 --> 00:41:00,240

the medium is judged to be

1037

00:41:07,109 --> 00:41:04,400

thus if trumpets float about the room

1038

00:41:08,870 --> 00:41:07,119

if objects are moved the medium is

1039

00:41:11,270 --> 00:41:08,880

thought much of

1040

00:41:13,030 --> 00:41:11,280

if he can produce anything which shows

1041

00:41:16,150 --> 00:41:13,040

even a small degree of

1042

00:41:17,430 --> 00:41:16,160

psychic power then this too is something

1043

00:41:21,190 --> 00:41:17,440

worthwhile

1044

00:41:24,710 --> 00:41:21,200

in the eyes of the faithful there are

1045

00:41:28,069 --> 00:41:24,720

however many mediums whose power is

1046

00:41:31,190 --> 00:41:28,079

extremely mediocre if it

1047

00:41:34,630 --> 00:41:31,200

exists at all as it is

1048

00:41:35,430 --> 00:41:34,640

so erratic and uncertain that in order

1049

00:41:39,190 --> 00:41:35,440

to give

1050

00:41:42,790 --> 00:41:39,200

good value something else has to be done

1051  
00:41:45,589 --> 00:41:42,800  
consequently it is of great assistance

1052  
00:41:46,790 --> 00:41:45,599  
if the guide is a person who can speak

1053  
00:41:49,910 --> 00:41:46,800  
with authority

1054  
00:41:52,870 --> 00:41:49,920  
and many mediums have such guides

1055  
00:41:53,910 --> 00:41:52,880  
sometimes directly sometimes by broad

1056  
00:41:56,470 --> 00:41:53,920  
hints

1057  
00:41:57,270 --> 00:41:56,480  
they tell one how wise and important

1058  
00:41:59,630 --> 00:41:57,280  
they are

1059  
00:42:01,990 --> 00:41:59,640  
strongly suggesting that the highly

1060  
00:42:05,670 --> 00:42:02,000  
platitudinous moral talks

1061  
00:42:09,270 --> 00:42:05,680  
which they give are derived from higher

1062  
00:42:11,270 --> 00:42:09,280  
spiritual spheres and i'll just break in

1063  
00:42:13,190 --> 00:42:11,280

here once again to say why don't people

1064

00:42:16,230 --> 00:42:13,200

talk like this anymore

1065

00:42:17,990 --> 00:42:16,240

that's quite something isn't it well i

1066

00:42:19,910 --> 00:42:18,000

wonder if if many people were

1067

00:42:21,910 --> 00:42:19,920

wandering around society talking like

1068

00:42:24,550 --> 00:42:21,920

this in 1950

1069

00:42:25,829 --> 00:42:24,560

we read on in reviewing the course of

1070

00:42:28,470 --> 00:42:25,839

our investigation

1071

00:42:30,950 --> 00:42:28,480

i must not altogether admit to mention

1072

00:42:32,550 --> 00:42:30,960

the mediums who profess to heal

1073

00:42:34,790 --> 00:42:32,560

there is a great deal which might be

1074

00:42:36,630 --> 00:42:34,800

said about non-medical methods of

1075

00:42:38,309 --> 00:42:36,640

healing and especially about the

1076

00:42:42,069 --> 00:42:38,319

difference between true

1077

00:42:45,670 --> 00:42:42,079

spiritual healing and spirit

1078

00:42:48,870 --> 00:42:45,680

healing such as is practiced by mediums

1079

00:42:49,829 --> 00:42:48,880

but it would take too much space i wish

1080

00:42:52,870 --> 00:42:49,839

that i could

1081

00:42:55,349 --> 00:42:52,880

in this connection be less negative than

1082

00:42:58,390 --> 00:42:55,359

i have felt it necessary to be

1083

00:43:01,430 --> 00:42:58,400

about the rest but neither during the

1084

00:43:04,390 --> 00:43:01,440

present investigation nor at any time

1085

00:43:06,309 --> 00:43:04,400

have i yet seen a case where i was

1086

00:43:09,510 --> 00:43:06,319

satisfied either that the

1087

00:43:11,510 --> 00:43:09,520

diagnosis was correct or the treatment

1088

00:43:12,710 --> 00:43:11,520

anything which could not have been

1089

00:43:15,670 --> 00:43:12,720

accounted for

1090

00:43:16,309 --> 00:43:15,680

without having to recourse to the idea

1091

00:43:19,750 --> 00:43:16,319

of

1092

00:43:20,790 --> 00:43:19,760

spirit help i have moreover are several

1093

00:43:24,069 --> 00:43:20,800

of my colleagues

1094

00:43:24,829 --> 00:43:24,079

for their views and they have been just

1095

00:43:27,430 --> 00:43:24,839

as

1096

00:43:29,270 --> 00:43:27,440

disappointed naturally the believer will

1097

00:43:30,150 --> 00:43:29,280

blame this on the conservatism of the

1098

00:43:33,349 --> 00:43:30,160

profession

1099

00:43:35,190 --> 00:43:33,359

but i am afraid this will not do

1100

00:43:36,790 --> 00:43:35,200

among forty thousand doctors there

1101

00:43:40,230 --> 00:43:36,800

should be a few

1102

00:43:43,750 --> 00:43:40,240

who would face the truth if truth

1103

00:43:44,790 --> 00:43:43,760

there were on the contrary one fails

1104

00:43:47,910 --> 00:43:44,800

every time to get

1105

00:43:48,550 --> 00:43:47,920

concrete evidence of cure and usually

1106

00:43:51,910 --> 00:43:48,560

also

1107

00:43:54,390 --> 00:43:51,920

of diagnosis and now we

1108

00:43:57,589 --> 00:43:54,400

come to the part where it's the turn of

1109

00:44:00,470 --> 00:43:57,599

mrs haldane to sum up

1110

00:44:01,430 --> 00:44:00,480

mrs haldane there is still a vast number

1111

00:44:03,829 --> 00:44:01,440

of people

1112

00:44:06,470 --> 00:44:03,839

who do not believe in what is commonly

1113

00:44:09,750 --> 00:44:06,480

called telepathy or clairvoyance

1114

00:44:12,069 --> 00:44:09,760

but the thousands of experiments made

1115

00:44:13,030 --> 00:44:12,079

both by the society for psychical

1116

00:44:15,990 --> 00:44:13,040

research

1117

00:44:17,829 --> 00:44:16,000

a strictly scientific body and such

1118

00:44:21,109 --> 00:44:17,839

distinguished researchers in

1119

00:44:23,829 --> 00:44:21,119

this field as professor j b ryan

1120

00:44:24,470 --> 00:44:23,839

and the mathematician dr sull have

1121

00:44:27,829 --> 00:44:24,480

already

1122

00:44:31,030 --> 00:44:27,839

proved the existence of these phenomena

1123

00:44:31,829 --> 00:44:31,040

up to the hilt so as far as i'm

1124

00:44:34,150 --> 00:44:31,839

concerned

1125

00:44:35,030 --> 00:44:34,160

my own experience has confirmed all

1126

00:44:38,710 --> 00:44:35,040

their results

1127

00:44:39,910 --> 00:44:38,720

over and over again and i agree with

1128

00:44:42,630 --> 00:44:39,920

professor ryan

1129

00:44:43,109 --> 00:44:42,640

that there are probably millions of

1130

00:44:45,430 --> 00:44:43,119

people

1131

00:44:46,470 --> 00:44:45,440

in the world today who can make similar

1132

00:44:49,270 --> 00:44:46,480

experiments

1133

00:44:50,390 --> 00:44:49,280

and discoveries in the field with equal

1134

00:44:54,470 --> 00:44:50,400

success

1135

00:44:56,630 --> 00:44:54,480

i'm breaking once again to

1136

00:44:58,309 --> 00:44:56,640

uh lament the fact that i can't jump

1137

00:45:01,030 --> 00:44:58,319

into a time machine go back

1138

00:45:03,030 --> 00:45:01,040

and conduct some tests at the time

1139

00:45:04,150 --> 00:45:03,040

myself for these people along the lines

1140

00:45:07,510 --> 00:45:04,160

of the ones

1141

00:45:09,190 --> 00:45:07,520

i used to do with the james randy crew

1142

00:45:11,270 --> 00:45:09,200

at the amazing meetings for the one

1143

00:45:14,150 --> 00:45:11,280

million dollar challenge

1144

00:45:15,750 --> 00:45:14,160

wouldn't that be something we read on

1145

00:45:18,550 --> 00:45:15,760

the one thing that seems

1146

00:45:20,550 --> 00:45:18,560

probable to me as far as my personal

1147

00:45:23,109 --> 00:45:20,560

experience has gone

1148

00:45:24,069 --> 00:45:23,119

is that there is no need to assume the

1149

00:45:27,109 --> 00:45:24,079

intervention of

1150

00:45:29,510 --> 00:45:27,119

any supernatural forces or beings

1151  
00:45:30,870 --> 00:45:29,520  
in order to explain either telepathy

1152  
00:45:33,030 --> 00:45:30,880  
clairvoyance

1153  
00:45:34,870 --> 00:45:33,040  
or other means of paranormal

1154  
00:45:37,670 --> 00:45:34,880  
communication

1155  
00:45:40,630 --> 00:45:37,680  
however there are a great number of

1156  
00:45:43,750 --> 00:45:40,640  
people who require to satisfy

1157  
00:45:47,270 --> 00:45:43,760  
some emotional longing or calm some

1158  
00:45:49,910 --> 00:45:47,280  
fear or sorrow by making such assumption

1159  
00:45:51,109 --> 00:45:49,920  
i do not for one moment question either

1160  
00:45:53,510 --> 00:45:51,119  
the honesty

1161  
00:45:54,870 --> 00:45:53,520  
or the sincerity of those who believe in

1162  
00:45:57,349 --> 00:45:54,880  
spiritualism

1163  
00:45:59,430 --> 00:45:57,359

the supernatural or the possibility of

1164

00:46:02,950 --> 00:45:59,440

communicating with the dead

1165

00:46:05,430 --> 00:46:02,960

with the help of mediums men or women

1166

00:46:06,950 --> 00:46:05,440

who use their paranormal gifts in this

1167

00:46:09,349 --> 00:46:06,960

particular way

1168

00:46:10,069 --> 00:46:09,359

when i was recently invited to join the

1169

00:46:13,109 --> 00:46:10,079

committee

1170

00:46:14,069 --> 00:46:13,119

formed to attend sittings with various

1171

00:46:16,230 --> 00:46:14,079

mediums

1172

00:46:17,589 --> 00:46:16,240

i had no previous experience of

1173

00:46:19,910 --> 00:46:17,599

spiritualism

1174

00:46:20,870 --> 00:46:19,920

my mind was completely open on the

1175

00:46:23,589 --> 00:46:20,880

matter

1176

00:46:25,430 --> 00:46:23,599

i thought my previous experiments in

1177

00:46:28,230 --> 00:46:25,440

telepathy and clairvoyance

1178

00:46:29,430 --> 00:46:28,240

might assist me to assess the qualities

1179

00:46:31,349 --> 00:46:29,440

of mediumship

1180

00:46:32,950 --> 00:46:31,359

from a strictly intellectual and

1181

00:46:36,470 --> 00:46:32,960

non-emotional angle

1182

00:46:39,430 --> 00:46:36,480

and this was to some extent the case

1183

00:46:40,630 --> 00:46:39,440

and i was very interested indeed when at

1184

00:46:43,349 --> 00:46:40,640

one of the sittings

1185

00:46:44,309 --> 00:46:43,359

a remarkable instance of telepathy

1186

00:46:47,349 --> 00:46:44,319

involved me

1187

00:46:49,829 --> 00:46:47,359

personally the medium in question was a

1188

00:46:53,510 --> 00:46:49,839

lady whose speciality was

1189

00:46:55,430 --> 00:46:53,520

she told us psychometry this is another

1190

00:46:56,950 --> 00:46:55,440

technique for achieving telepathic

1191

00:46:59,910 --> 00:46:56,960

contact with someone

1192

00:47:01,030 --> 00:46:59,920

not present physically it consists of

1193

00:47:04,230 --> 00:47:01,040

giving the

1194

00:47:06,790 --> 00:47:04,240

psychometrist an object to hold

1195

00:47:07,910 --> 00:47:06,800

such as a ring a fountain pen a

1196

00:47:10,950 --> 00:47:07,920

cigarette case

1197

00:47:11,910 --> 00:47:10,960

or some similar article and from which

1198

00:47:14,069 --> 00:47:11,920

to glean

1199

00:47:16,630 --> 00:47:14,079

information about someone who has been

1200

00:47:18,870 --> 00:47:16,640

in contact with it previously

1201  
00:47:21,109 --> 00:47:18,880  
when the sitting began the medium was

1202  
00:47:21,910 --> 00:47:21,119  
handed a wrist watch by one of those

1203  
00:47:25,109 --> 00:47:21,920  
present

1204  
00:47:27,589 --> 00:47:25,119  
not by me she held this in her hand

1205  
00:47:29,270 --> 00:47:27,599  
and began to describe the impressions it

1206  
00:47:33,750 --> 00:47:29,280  
conveyed to her

1207  
00:47:37,349 --> 00:47:33,760  
suddenly she said i am getting a name

1208  
00:47:40,870 --> 00:47:37,359  
it's the name of morris

1209  
00:47:43,910 --> 00:47:40,880  
not the christian name the surname

1210  
00:47:47,349 --> 00:47:43,920  
and now another name yes

1211  
00:47:49,510 --> 00:47:47,359  
i have it john morris

1212  
00:47:50,470 --> 00:47:49,520  
now this did not convey apparently

1213  
00:47:52,470 --> 00:47:50,480

anything of

1214

00:47:53,510 --> 00:47:52,480

interest to the other members of the

1215

00:47:57,030 --> 00:47:53,520

audience except

1216

00:47:57,829 --> 00:47:57,040

to myself for john morris was as i have

1217

00:48:00,790 --> 00:47:57,839

related

1218

00:48:02,150 --> 00:48:00,800

a friend with whom i conducted a long

1219

00:48:05,670 --> 00:48:02,160

series of telepathic

1220

00:48:08,309 --> 00:48:05,680

experiments in 1935.

1221

00:48:08,870 --> 00:48:08,319

i am glad to say that he has not passed

1222

00:48:11,750 --> 00:48:08,880

over

1223

00:48:12,549 --> 00:48:11,760

but is very much alive on the occasion

1224

00:48:15,190 --> 00:48:12,559

when this

1225

00:48:17,030 --> 00:48:15,200

sitting occurred mr morris was

1226

00:48:20,630 --> 00:48:17,040

holidaying in italy

1227

00:48:23,430 --> 00:48:20,640

nor was he at the moment in my

1228

00:48:24,069 --> 00:48:23,440

conscious thoughts there is no doubt

1229

00:48:27,109 --> 00:48:24,079

however

1230

00:48:28,230 --> 00:48:27,119

that subconsciously i connected him with

1231

00:48:30,470 --> 00:48:28,240

such experiments

1232

00:48:31,829 --> 00:48:30,480

and what had happened was my

1233

00:48:35,030 --> 00:48:31,839

subconscious mind

1234

00:48:36,069 --> 00:48:35,040

had transmitted his name to that of the

1235

00:48:38,230 --> 00:48:36,079

medium

1236

00:48:39,990 --> 00:48:38,240

with regard to the very controversial

1237

00:48:41,750 --> 00:48:40,000

subject of spiritualism

1238

00:48:43,430 --> 00:48:41,760

my personal knowledge is extremely

1239

00:48:46,549 --> 00:48:43,440

limited nor do i

1240

00:48:47,510 --> 00:48:46,559

propose to extend it much further there

1241

00:48:50,150 --> 00:48:47,520

are obviously

1242

00:48:51,109 --> 00:48:50,160

only two possible approaches to the

1243

00:48:54,150 --> 00:48:51,119

subject

1244

00:48:54,950 --> 00:48:54,160

the first is objective cool intellectual

1245

00:48:57,990 --> 00:48:54,960

approach

1246

00:48:59,990 --> 00:48:58,000

of the scientific investigator today

1247

00:49:02,790 --> 00:49:00,000

this is being applied on a very big

1248

00:49:04,549 --> 00:49:02,800

scale by such bodies as the society for

1249

00:49:07,670 --> 00:49:04,559

psychical research

1250

00:49:09,190 --> 00:49:07,680

its members have at their disposal the

1251  
00:49:12,549 --> 00:49:09,200  
necessary training

1252  
00:49:15,829 --> 00:49:12,559  
medical and psychological the necessary

1253  
00:49:18,950 --> 00:49:15,839  
apparatus and the experience

1254  
00:49:19,589 --> 00:49:18,960  
required for such investigation i have

1255  
00:49:21,990 --> 00:49:19,599  
not

1256  
00:49:23,910 --> 00:49:22,000  
and even had i the essential

1257  
00:49:27,109 --> 00:49:23,920  
prerequisites for such work

1258  
00:49:30,549 --> 00:49:27,119  
i would have neither the leisure nor the

1259  
00:49:32,790 --> 00:49:30,559  
inclination to devote myself to it

1260  
00:49:35,030 --> 00:49:32,800  
the second method of approach is the

1261  
00:49:37,270 --> 00:49:35,040  
subjective emotional one

1262  
00:49:38,950 --> 00:49:37,280  
thousands who have suffered grief and

1263  
00:49:39,589 --> 00:49:38,960

bereavement through the loss of loved

1264

00:49:42,150 --> 00:49:39,599

ones

1265

00:49:43,670 --> 00:49:42,160

have undoubtedly found great consolation

1266

00:49:47,030 --> 00:49:43,680

in spiritualism

1267

00:49:49,270 --> 00:49:47,040

but this is a temperamental matter

1268

00:49:50,790 --> 00:49:49,280

while it would be most unbecoming to

1269

00:49:53,109 --> 00:49:50,800

deny to others

1270

00:49:54,069 --> 00:49:53,119

the right to seek and find such

1271

00:49:57,190 --> 00:49:54,079

consolation

1272

00:49:59,910 --> 00:49:57,200

for myself i feel no necessity

1273

00:50:00,630 --> 00:49:59,920

for it this is not because i have not

1274

00:50:03,589 --> 00:50:00,640

myself

1275

00:50:05,349 --> 00:50:03,599

suffered grief or bereavement but my

1276

00:50:08,309 --> 00:50:05,359

tentative experiments

1277

00:50:08,710 --> 00:50:08,319

and in study of paranormal phenomena

1278

00:50:11,430 --> 00:50:08,720

have

1279

00:50:13,910 --> 00:50:11,440

revealed to me the great dangers

1280

00:50:16,150 --> 00:50:13,920

attached to wishful thinking

1281

00:50:17,910 --> 00:50:16,160

and no emotional satisfaction or

1282

00:50:21,109 --> 00:50:17,920

consolation would outweigh

1283

00:50:23,349 --> 00:50:21,119

for me the reluctance to become

1284

00:50:24,630 --> 00:50:23,359

the victim of my own wishful thinking

1285

00:50:27,589 --> 00:50:24,640

auto suggestion

1286

00:50:29,109 --> 00:50:27,599

or self-deception once again a comment

1287

00:50:31,030 --> 00:50:29,119

from me

1288

00:50:34,069 --> 00:50:31,040

that's fascinating that's just so

1289

00:50:36,630 --> 00:50:34,079

fascinating she um

1290

00:50:39,430 --> 00:50:36,640

she suggests that she has these sort of

1291

00:50:41,829 --> 00:50:39,440

safeguards up but apparently as we read

1292

00:50:43,190 --> 00:50:41,839

earlier in her account she is a

1293

00:50:46,470 --> 00:50:43,200

completely

1294

00:50:49,510 --> 00:50:46,480

believes in spiritualism anyway or

1295

00:50:53,030 --> 00:50:49,520

psychic matters and

1296

00:50:53,990 --> 00:50:53,040

her account of the psychometry is a good

1297

00:50:57,670 --> 00:50:54,000

example of that

1298

00:50:59,430 --> 00:50:57,680

where where we really would need to have

1299

00:51:01,750 --> 00:50:59,440

been there at the time

1300

00:51:03,829 --> 00:51:01,760

but somebody throws out a name and she

1301  
00:51:05,190 --> 00:51:03,839  
connects it with somebody she's known

1302  
00:51:07,430 --> 00:51:05,200  
for many years or knew

1303  
00:51:08,390 --> 00:51:07,440  
many years ago that's fascinating let's

1304  
00:51:10,790 --> 00:51:08,400  
read on

1305  
00:51:12,710 --> 00:51:10,800  
i believe that a certain amount of

1306  
00:51:14,790 --> 00:51:12,720  
suffering is necessary

1307  
00:51:15,829 --> 00:51:14,800  
for the full development of the human

1308  
00:51:17,670 --> 00:51:15,839  
spirit

1309  
00:51:20,390 --> 00:51:17,680  
it is only through suffering that we

1310  
00:51:23,750 --> 00:51:20,400  
learn to understand ourselves and others

1311  
00:51:25,829 --> 00:51:23,760  
to strengthen our own wills and to have

1312  
00:51:27,910 --> 00:51:25,839  
compassion for the suffering of our

1313  
00:51:31,030 --> 00:51:27,920

fellow creatures

1314

00:51:34,470 --> 00:51:31,040

just as poetry is emotion

1315

00:51:37,349 --> 00:51:34,480

remembered in tranquility so

1316

00:51:38,630 --> 00:51:37,359

spiritual development is the

1317

00:51:41,670 --> 00:51:38,640

distillation

1318

00:51:42,790 --> 00:51:41,680

of reflection based on suffering it

1319

00:51:46,390 --> 00:51:42,800

seems to me

1320

00:51:49,750 --> 00:51:46,400

that it may be wiser and more worthwhile

1321

00:51:51,270 --> 00:51:49,760

to take the harder but in the end more

1322

00:51:53,990 --> 00:51:51,280

valuable way

1323

00:51:55,030 --> 00:51:54,000

than to seek constellation along a path

1324

00:52:01,510 --> 00:51:55,040

that may be

1325

00:52:05,829 --> 00:52:03,270

well thank you dr bendett and mrs

1326  
00:52:08,069 --> 00:52:05,839  
haldane for your interesting summing up

1327  
00:52:10,309 --> 00:52:08,079  
and indeed on the very page i'm reading

1328  
00:52:12,950 --> 00:52:10,319  
we have photographs of

1329  
00:52:13,750 --> 00:52:12,960  
dr bendet and mrs charlotte haldane

1330  
00:52:16,829 --> 00:52:13,760  
along with

1331  
00:52:19,510 --> 00:52:16,839  
lord amwell sir john anderson and canon

1332  
00:52:21,270 --> 00:52:19,520  
knight

1333  
00:52:23,270 --> 00:52:21,280  
and next week brings us to the end of

1334  
00:52:24,470 --> 00:52:23,280  
this whole series where we hear the

1335  
00:52:26,950 --> 00:52:24,480  
summing up from

1336  
00:52:27,910 --> 00:52:26,960  
canon knight probably from a uh

1337  
00:52:31,349 --> 00:52:27,920  
religious

1338  
00:52:34,950 --> 00:52:31,359

perspective and from l.a.g

1339

00:52:37,750 --> 00:52:34,960

strong into the unknown

1340

00:52:39,829 --> 00:52:37,760

a report of a series of investigations

1341

00:52:45,670 --> 00:52:39,839

conducted in the uk

1342

00:52:47,190 --> 00:52:45,680

in late 1949 reported in 1950

1343

00:52:49,109 --> 00:52:47,200

and you can read that for yourself a

1344

00:52:54,390 --> 00:52:49,119

link in this week's show notes

1345

00:53:11,510 --> 00:52:54,400

at [www.trove.nla.gov](http://www.trove.nla.gov)

1346

00:53:15,030 --> 00:53:13,190

thank you for listening to the skeptic

1347

00:53:16,710 --> 00:53:15,040

zone maynard i hope you enjoyed this

1348

00:53:19,030 --> 00:53:16,720

week episode especially

1349

00:53:21,109 --> 00:53:19,040

the interesting summing up of those

1350

00:53:24,069 --> 00:53:21,119

psychic tests in the 1950s

1351  
00:53:25,510 --> 00:53:24,079  
1949 50s yeah it's funny like that could

1352  
00:53:26,230 --> 00:53:25,520  
have been written anytime that couldn't

1353  
00:53:30,069 --> 00:53:26,240  
it

1354  
00:53:32,069 --> 00:53:30,079  
and i've been

1355  
00:53:33,750 --> 00:53:32,079  
fooled all this stuff no it was it was

1356  
00:53:34,710 --> 00:53:33,760  
typical cold reading but those people

1357  
00:53:36,549 --> 00:53:34,720  
way back then

1358  
00:53:38,069 --> 00:53:36,559  
who thought they were experts or maybe

1359  
00:53:38,950 --> 00:53:38,079  
they did consider themselves to be

1360  
00:53:41,750 --> 00:53:38,960  
experts

1361  
00:53:43,349 --> 00:53:41,760  
very interesting and also something

1362  
00:53:44,230 --> 00:53:43,359  
richard has experienced tonight for the

1363  
00:53:46,230 --> 00:53:44,240

first time

1364

00:53:47,270 --> 00:53:46,240

he did not know that i had a copy of the

1365

00:53:49,510 --> 00:53:47,280

yuri gela

1366

00:53:50,950 --> 00:53:49,520

album on vinyl from the 70s and i

1367

00:53:53,829 --> 00:53:50,960

brought it out and i scared you

1368

00:53:55,990 --> 00:53:53,839

you'd i i you know what i've never i

1369

00:53:58,069 --> 00:53:56,000

didn't know yuri geller brought out a

1370

00:53:59,670 --> 00:53:58,079

record album and there it was and i

1371

00:54:02,309 --> 00:53:59,680

turned it around there's a bent

1372

00:54:03,510 --> 00:54:02,319

fork on the back not a bent spoon a bent

1373

00:54:07,990 --> 00:54:03,520

fork yeah well

1374

00:54:11,510 --> 00:54:10,309

yes yes there's one way of putting it

1375

00:54:14,230 --> 00:54:11,520

yes that's right

1376

00:54:15,109 --> 00:54:14,240

uh now coming up on next week's show we

1377

00:54:20,150 --> 00:54:15,119

finally

1378

00:54:20,870 --> 00:54:20,160

unknown from trove at long last we find

1379

00:54:23,109 --> 00:54:20,880

out what

1380

00:54:24,870 --> 00:54:23,119

the panel really think looking forward

1381

00:54:26,710 --> 00:54:24,880

to that and then we'll be looking at

1382

00:54:27,589 --> 00:54:26,720

more skeptical things in the weeks to

1383

00:54:30,230 --> 00:54:27,599

come in the

1384

00:54:32,230 --> 00:54:30,240

archives there at trove but i want to

1385

00:54:33,910 --> 00:54:32,240

say a big thank you as i always do may

1386

00:54:36,630 --> 00:54:33,920

not and i know you appreciate this

1387

00:54:37,430 --> 00:54:36,640

to our patreons and our paypal

1388

00:54:38,870 --> 00:54:37,440

subscribers

1389

00:54:40,470 --> 00:54:38,880

look richard would never say that but

1390

00:54:40,870 --> 00:54:40,480

because i'm a bit of a rude bugger i

1391

00:54:42,870 --> 00:54:40,880

would

1392

00:54:44,390 --> 00:54:42,880

the only listeners who really matter are

1393

00:54:45,510 --> 00:54:44,400

the patreons because let's face it

1394

00:54:46,069 --> 00:54:45,520

they're the ones that are footing the

1395

00:54:48,150 --> 00:54:46,079

bill

1396

00:54:49,829 --> 00:54:48,160

i know richard would never say that i

1397

00:54:50,470 --> 00:54:49,839

would never say that you are footing the

1398

00:54:54,710 --> 00:54:50,480

bill

1399

00:54:55,430 --> 00:54:54,720

strangely enough you wouldn't believe it

1400

00:54:57,589 --> 00:54:55,440

would you

1401  
00:54:58,789 --> 00:54:57,599  
including my tooth lately may not i must

1402  
00:55:01,829 --> 00:54:58,799  
have that's right yes

1403  
00:55:05,109 --> 00:55:01,839  
yes yeah look look if you uh look

1404  
00:55:05,990 --> 00:55:05,119  
to quote many a a podcaster if you don't

1405  
00:55:10,870 --> 00:55:06,000  
support something

1406  
00:55:15,349 --> 00:55:13,349  
and as as we do this we're still

1407  
00:55:17,030 --> 00:55:15,359  
watching this movie with ann margaret

1408  
00:55:18,710 --> 00:55:17,040  
from the 60s called the swinger in the

1409  
00:55:20,069 --> 00:55:18,720  
background because it's so funny

1410  
00:55:22,390 --> 00:55:20,079  
look the only reason we're watching it

1411  
00:55:25,510 --> 00:55:22,400  
because the soundtracks by andre previn

1412  
00:55:27,109 --> 00:55:25,520  
yes yes it is and it's brilliant it's a

1413  
00:55:29,190 --> 00:55:27,119

really good soundtrack yeah and there's

1414

00:55:30,549 --> 00:55:29,200

a guy who almost looks like terry thomas

1415

00:55:31,510 --> 00:55:30,559

in it but not quite we're a bit

1416

00:55:32,950 --> 00:55:31,520

disappointed

1417

00:55:34,789 --> 00:55:32,960

we were we thought it would be terry

1418

00:55:37,109 --> 00:55:34,799

thomas but never mind yes

1419

00:55:38,950 --> 00:55:37,119

well next week's episode again as i say

1420

00:55:40,710 --> 00:55:38,960

we've got uh dive into trove

1421

00:55:43,109 --> 00:55:40,720

we've got the book of tim one more book

1422

00:55:44,470 --> 00:55:43,119

of tim and you know it's just a mystery

1423

00:55:45,349 --> 00:55:44,480

what's coming up may not who knows

1424

00:55:47,750 --> 00:55:45,359

what's coming up

1425

00:55:49,670 --> 00:55:47,760

you know but we'll all be here waiting

1426

00:55:51,510 --> 00:55:49,680

to see what you've got richard

1427

00:55:53,270 --> 00:55:51,520

thank you but until then this is richard

1428

00:55:55,990 --> 00:55:53,280

saunders and

1429

00:55:57,589 --> 00:55:56,000

maynard signing off from maynard

1430

00:56:00,549 --> 00:55:57,599

international studios

1431

00:56:01,430 --> 00:56:00,559

hmm that's right it's like disney except

1432

00:56:04,069 --> 00:56:01,440

our motto is

1433

00:56:09,670 --> 00:56:04,079

it's the most disappointing place in the

1434

00:56:12,870 --> 00:56:11,430

you've been listening to the skeptic

1435

00:56:17,510 --> 00:56:12,880

zone podcast

1436

00:56:20,549 --> 00:56:17,520

please visit our website at [www.skip](http://www.skip)

1437

00:56:22,549 --> 00:56:20,559

for show notes contacts and to access

1438

00:56:26,069 --> 00:56:22,559

the back catalog of episodes

1439

00:56:28,150 --> 00:56:26,079

going back to 2008. you can follow the

1440

00:56:31,589 --> 00:56:28,160

skeptic zone podcast on twitter

1441

00:56:35,109 --> 00:56:31,599

at skepticzone visit our facebook page

1442

00:56:36,549 --> 00:56:35,119

or leave a review on itunes you can also

1443

00:56:39,750 --> 00:56:36,559

support the skeptic zone

1444

00:56:41,109 --> 00:56:39,760

via patreon or paypal the skeptic zone

1445

00:56:43,510 --> 00:56:41,119

podcast is an

1446

00:56:45,589 --> 00:56:43,520

independent production the views and

1447

00:56:47,670 --> 00:56:45,599

opinions expressed on the skeptic zone

1448

00:56:48,870 --> 00:56:47,680

are not necessarily those of australian

1449

00:57:02,710 --> 00:56:48,880

skeptics or

1450

00:57:06,630 --> 00:57:04,549

hello to the people who listen after the

1451  
00:57:08,390 --> 00:57:06,640  
music i'm back now at the skeptic's own

1452  
00:57:10,549 --> 00:57:08,400  
studios

1453  
00:57:12,230 --> 00:57:10,559  
birds chirping outside or whatever they

1454  
00:57:13,589 --> 00:57:12,240  
do these birds don't chirp

1455  
00:57:16,549 --> 00:57:13,599  
they're not chirping they're singing

1456  
00:57:18,309 --> 00:57:16,559  
they're calling

1457  
00:57:20,309 --> 00:57:18,319  
whatever okay we're going to play the

1458  
00:57:21,190 --> 00:57:20,319  
dice game this is where i roll a d10

1459  
00:57:24,549 --> 00:57:21,200  
this week

1460  
00:57:27,670 --> 00:57:24,559  
four times three times and then one more

1461  
00:57:29,109 --> 00:57:27,680  
so four times and you guess

1462  
00:57:31,990 --> 00:57:29,119  
what number's going to come up you can

1463  
00:57:34,230 --> 00:57:32,000

use whatever power you like to guess

1464

00:57:36,950 --> 00:57:34,240

if you think you have psychic power by

1465

00:57:38,710 --> 00:57:36,960

all means be my guest and use that

1466

00:57:40,069 --> 00:57:38,720

if you'd rather just use dumb luck like

1467

00:57:42,150 --> 00:57:40,079

the rest of us go ahead

1468

00:57:43,270 --> 00:57:42,160

too right here we go i'm gonna roll it

1469

00:57:47,589 --> 00:57:43,280

three times

1470

00:57:51,750 --> 00:57:47,599

roll number one coming up in my special

1471

00:57:55,910 --> 00:57:54,630

and the first number up is a one this

1472

00:57:59,589 --> 00:57:55,920

week

1473

00:58:02,870 --> 00:57:59,599

write that down one

1474

00:58:02,880 --> 00:58:06,950

it is a seven

1475

00:58:06,960 --> 00:58:12,230

and the last number guess away

1476

00:58:19,430 --> 00:58:15,990

it's oh eight

1477

00:58:20,390 --> 00:58:19,440

one seven and eight and now it's time

1478

00:58:25,670 --> 00:58:20,400

for one more

1479

00:58:25,680 --> 00:58:31,430

i please very much it's a 10.

1480

00:58:38,710 --> 00:58:35,430

so this week's numbers are 178

1481

00:58:41,990 --> 00:58:38,720

and 10 and before we go

1482

00:58:48,950 --> 00:58:45,750

this segment of the show this

1483

00:58:52,710 --> 00:58:48,960

audio which i will leave you with is

1484

00:58:55,910 --> 00:58:52,720

one of the very first uh sounds

1485

00:58:59,190 --> 00:58:55,920

from another planet the

1486

00:59:13,440 --> 00:58:59,200

sound of wind hitting the microphone