

Episode 748

**THE
SKEPTIC
ZONE
PODCAST**

www.skepticzone.tv

5 February 2023

**Adrienne Hill
WikiProjects Cryptozoology**

**The Book of Tim
Sports and Superstition #1**

**TROVE
Quackery of
Irodology**



Adrienne Hill



Tim Mendham



Richard Saunders



1
00:00:13,940 --> 00:00:09,049
welcome to the skeptic Zone the podcast

2
00:00:16,840 --> 00:00:13,950
from Australia for science and reason

3
00:00:23,210 --> 00:00:16,850
[Applause]

4
00:00:25,370 --> 00:00:23,220
[Music]

5
00:00:29,390 --> 00:00:25,380
yes it's the skeptic Zone podcast

6
00:00:32,330 --> 00:00:29,400
episode number 748 for the 5th of

7
00:00:34,729 --> 00:00:32,340
February 2023 Richard Saunders coming to

8
00:00:38,930 --> 00:00:34,739
you from a soon to be hot and sticky

9
00:00:42,350 --> 00:00:38,940
Sydney Australia up just before Dawn to

10
00:00:44,630 --> 00:00:42,360
record the introduction to the show

11
00:00:46,790 --> 00:00:44,640
it's the early bird that gets the worm

12
00:00:49,130 --> 00:00:46,800
and there are quite a number of early

13
00:00:51,830 --> 00:00:49,140

birds outside the skeptic Zone window

14

00:00:54,950 --> 00:00:51,840

this morning look out worms coming up on

15

00:00:57,770 --> 00:00:54,960

this week's Show Adrian Hill continues

16

00:01:01,310 --> 00:00:57,780

her series on Wiki projects this week

17

00:01:03,229 --> 00:01:01,320

she will look at Wiki projects crypto

18

00:01:05,690 --> 00:01:03,239

zoology

19

00:01:08,929 --> 00:01:05,700

what are the top 10 strange and

20

00:01:11,050 --> 00:01:08,939

mysterious beasts or at least the top 10

21

00:01:13,850 --> 00:01:11,060

searches when it comes to cryptozoology

22

00:01:17,570 --> 00:01:13,860

on Wikipedia

23

00:01:19,550 --> 00:01:17,580

will your favorite monster be included

24

00:01:20,870 --> 00:01:19,560

following that it's the book of Tim with

25

00:01:24,950 --> 00:01:20,880

Tim Mendham

26

00:01:27,649 --> 00:01:24,960

part one of a two-part report about

27

00:01:31,249 --> 00:01:27,659

Superstition in sport

28

00:01:33,770 --> 00:01:31,259

ticks and tactics and we've noticed over

29

00:01:36,109 --> 00:01:33,780

the years that sporting people can

30

00:01:38,090 --> 00:01:36,119

sometimes be prone to superstitions

31

00:01:40,190 --> 00:01:38,100

wearing the correct socks or doing

32

00:01:42,590 --> 00:01:40,200

something in a particular order before a

33

00:01:45,530 --> 00:01:42,600

match whatever the case may be

34

00:01:47,270 --> 00:01:45,540

bend around off the show Trove looks at

35

00:01:51,530 --> 00:01:47,280

iridology

36

00:01:55,609 --> 00:01:51,540

a couple of years ago it's a fascinating

37

00:01:57,649 --> 00:01:55,619

topic looking into the eye for diagnosis

38

00:02:00,230 --> 00:01:57,659

now I must thank my listener Carl who

39

00:02:02,450 --> 00:02:00,240

sent me an email during the week

40

00:02:03,889 --> 00:02:02,460

and he writes I just listened to the

41

00:02:05,990 --> 00:02:03,899

latest episode of the skeptic Zone

42

00:02:10,190 --> 00:02:06,000

something I do each week thank you Carl

43

00:02:12,830 --> 00:02:10,200

episode 747 interestingly this also

44

00:02:15,410 --> 00:02:12,840

happens to be the same week the last

45

00:02:16,369 --> 00:02:15,420

Boeing 747 rolled off the production

46

00:02:18,770 --> 00:02:16,379

line

47

00:02:21,650 --> 00:02:18,780

this random coincidence put a smile on

48

00:02:25,309 --> 00:02:21,660

my face well there you go there you go

49

00:02:26,510 --> 00:02:25,319

life is full of random coincidences so

50

00:02:28,850 --> 00:02:26,520

now it's time to get on with the show

51
00:02:30,890 --> 00:02:28,860
but no matter where you're listening to

52
00:02:33,170 --> 00:02:30,900
me maybe you're in your car driving

53
00:02:35,150 --> 00:02:33,180
along maybe you're sitting on the train

54
00:02:37,130 --> 00:02:35,160
or the bus with your headphones in

55
00:02:38,630 --> 00:02:37,140
listening to the skeptic Zone maybe

56
00:02:42,770 --> 00:02:38,640
you're in that little place in the

57
00:02:45,410 --> 00:02:42,780
countryside relaxing or in your high

58
00:02:48,050 --> 00:02:45,420
rise City Apartment I hope you enjoyed

59
00:02:50,809 --> 00:02:48,060
this week's episode of the skeptic Zone

60
00:02:53,869 --> 00:02:50,819
but it's time for me to run downstairs

61
00:02:56,809 --> 00:02:53,879
and I think I will have a toasty cheesy

62
00:02:59,990 --> 00:02:56,819
melt lovely cheddar cheese on some toast

63
00:03:00,730 --> 00:03:00,000

while I do that I hope you enjoy this

64

00:03:16,570 --> 00:03:00,740

skeptic Zone

65

00:03:18,670 --> 00:03:16,580

[Music]

66

00:03:21,910 --> 00:03:18,680

laughs

67

00:03:28,309 --> 00:03:21,920

you can count on Adrian

68

00:03:34,070 --> 00:03:31,430

everyone this is part three of my series

69

00:03:36,830 --> 00:03:34,080

of reports looking at Wiki projects on

70

00:03:40,250 --> 00:03:36,840

Wikipedia now according to Wikipedia's

71

00:03:41,809 --> 00:03:40,260

own definition a Wiki project is quote a

72

00:03:44,330 --> 00:03:41,819

group of editors that wish to work

73

00:03:46,910 --> 00:03:44,340

together as a team to improve Wikipedia

74

00:03:48,949 --> 00:03:46,920

a successful Wiki project contributes

75

00:03:52,009 --> 00:03:48,959

toward Wikipedia's mission of building

76

00:03:54,949 --> 00:03:52,019

an encyclopedia end quote

77

00:03:57,830 --> 00:03:54,959

and as an aside a listener was asking if

78

00:04:00,710 --> 00:03:57,840

this project was connected to gsow or

79

00:04:03,470 --> 00:04:00,720

Guerrilla skepticism on Wikipedia it's a

80

00:04:05,809 --> 00:04:03,480

great question all members of gsow are

81

00:04:09,589 --> 00:04:05,819

encouraged to join Wikipedia skepticism

82

00:04:12,289 --> 00:04:09,599

but not all do and any Wikipedia editor

83

00:04:14,929 --> 00:04:12,299

can join the project

84

00:04:16,789 --> 00:04:14,939

this time we are going to take a look at

85

00:04:18,650 --> 00:04:16,799

the Articles associated with a Wiki

86

00:04:20,750 --> 00:04:18,660

project of particular interest to

87

00:04:23,390 --> 00:04:20,760

Skeptics called Wiki project

88

00:04:27,170 --> 00:04:23,400

cryptozoology

89

00:04:29,270 --> 00:04:27,180

this Wiki project states that quote the

90

00:04:31,730 --> 00:04:29,280

goal of this Wiki project is to improve

91

00:04:33,770 --> 00:04:31,740

coverage of cryptozoology on English

92

00:04:36,290 --> 00:04:33,780

Wikipedia

93

00:04:38,270 --> 00:04:36,300

scope this project covers notable

94

00:04:41,090 --> 00:04:38,280

figures and topics related to the

95

00:04:44,570 --> 00:04:41,100

subculture its history geographical

96

00:04:46,909 --> 00:04:44,580

diffusion and related places and people

97

00:04:49,210 --> 00:04:46,919

we will specifically deal with all

98

00:04:52,490 --> 00:04:49,220

articles contained in the category

99

00:04:53,330 --> 00:04:52,500

cryptozoology and its subcategories end

100

00:04:56,390 --> 00:04:53,340

quote

101
00:04:58,310 --> 00:04:56,400
according to Wikipedia cryptozoology is

102
00:05:00,230 --> 00:04:58,320
a pseudoscience and subculture that

103
00:05:02,930 --> 00:05:00,240
searches for and studies unknown

104
00:05:05,150 --> 00:05:02,940
legendary or extinct animals whose

105
00:05:07,490 --> 00:05:05,160
present existence is disputed or

106
00:05:10,310 --> 00:05:07,500
unsubstantiated particularly those

107
00:05:12,890 --> 00:05:10,320
popular in folklore such as Bigfoot the

108
00:05:17,890 --> 00:05:12,900
Loch Ness monster Yeti the Chupacabra

109
00:05:20,090 --> 00:05:17,900
the Jersey Devil or the Macaulay Bambi

110
00:05:22,490 --> 00:05:20,100
cryptozoologists refer to these entities

111
00:05:24,890 --> 00:05:22,500
as Cryptids a term coined by the

112
00:05:27,469 --> 00:05:24,900
subculture because it does not follow

113
00:05:29,510 --> 00:05:27,479

the scientific method cryptozoology is

114

00:05:32,090 --> 00:05:29,520

considered a pseudoscience by mainstream

115

00:05:35,330 --> 00:05:32,100

science it is neither a branch of

116

00:05:38,210 --> 00:05:35,340

zoology nor of folklore studies

117

00:05:41,029 --> 00:05:38,220

this Project's main page is called Wiki

118

00:05:43,670 --> 00:05:41,039

project underscore cryptozoology

119

00:05:46,129 --> 00:05:43,680

and its popular pages is called Wiki

120

00:05:49,070 --> 00:05:46,139

project underscore cryptozoology forward

121

00:05:50,930 --> 00:05:49,080

slash popular underscore pages

122

00:05:52,790 --> 00:05:50,940

the links will be included in this

123

00:05:55,430 --> 00:05:52,800

week's show notes

124

00:05:57,770 --> 00:05:55,440

and now Richard and I are going to take

125

00:06:00,710 --> 00:05:57,780

a look at the top 10 Wikipedia articles

126
00:06:03,710 --> 00:06:00,720
per number of page views listed on the

127
00:06:05,510 --> 00:06:03,720
popular Pages the list we'll use comes

128
00:06:08,689 --> 00:06:05,520
from data collected on the 5th of

129
00:06:10,070 --> 00:06:08,699
January 2023 so it's reasonably up to

130
00:06:10,690 --> 00:06:10,080
date

131
00:06:14,590 --> 00:06:10,700
foreign

132
00:06:16,909 --> 00:06:14,600
[Music]

133
00:06:18,370 --> 00:06:16,919
number 10 on the list with a daily

134
00:06:23,809 --> 00:06:18,380
average of

135
00:06:26,689 --> 00:06:23,819
2419 views is Rat King according to its

136
00:06:29,809 --> 00:06:26,699
wiki page a rat king is a collection of

137
00:06:32,210 --> 00:06:29,819
rats whose Tales are intertwined and

138
00:06:34,189 --> 00:06:32,220

bound together in some way this may be

139

00:06:37,249 --> 00:06:34,199

the result of an entangling material

140

00:06:40,510 --> 00:06:37,259

like hair a sticky substance such as sap

141

00:06:42,890 --> 00:06:40,520

or gum or the Tails being tied together

142

00:06:46,189 --> 00:06:42,900

historically this phenomenon is

143

00:06:48,650 --> 00:06:46,199

particularly associated with Germany a

144

00:06:51,070 --> 00:06:48,660

similar Phenomenon with squirrels has

145

00:06:53,990 --> 00:06:51,080

been observed which has had modern

146

00:06:56,510 --> 00:06:54,000

documented examples possible

147

00:06:59,090 --> 00:06:56,520

explanations Rat Kings have been

148

00:07:01,969 --> 00:06:59,100

reported from Germany Belgium Estonia

149

00:07:03,770 --> 00:07:01,979

Java and New Zealand with a majority of

150

00:07:05,809 --> 00:07:03,780

cases reported from the European

151

00:07:09,110 --> 00:07:05,819

countries the existence of this

152

00:07:11,150 --> 00:07:09,120

phenomenon is debated due to the limited

153

00:07:14,390 --> 00:07:11,160

evidence of it occurring naturally

154

00:07:17,689 --> 00:07:14,400

although the finding of a live one in

155

00:07:20,930 --> 00:07:17,699

Estonia in 2021 is considered to be

156

00:07:24,110 --> 00:07:20,940

proof that it is a natural albeit

157

00:07:26,110 --> 00:07:24,120

extremely rare phenomenon the concern is

158

00:07:28,790 --> 00:07:26,120

the possibility that some of the

159

00:07:31,490 --> 00:07:28,800

centuries-old preserved Museum specimens

160

00:07:35,210 --> 00:07:31,500

could be fabricated such hoaxes being

161

00:07:38,029 --> 00:07:35,220

common in earlier eras some zoologists

162

00:07:40,249 --> 00:07:38,039

remain skeptical saying that while

163

00:07:42,409 --> 00:07:40,259

theoretically possible the rats would

164

00:07:44,510 --> 00:07:42,419

have to be able to survive in such a

165

00:07:47,270 --> 00:07:44,520

condition for a long time particularly

166

00:07:49,909 --> 00:07:47,280

if the temperatures Rose or if they bit

167

00:07:52,430 --> 00:07:49,919

their own or another's tail to try and

168

00:07:54,110 --> 00:07:52,440

free themselves since black rats

169

00:07:57,110 --> 00:07:54,120

clustered together during Winters for

170

00:08:01,370 --> 00:07:57,120

warmth it could be possible for a rat

171

00:08:03,950 --> 00:08:01,380

king to be naturally occurring

172

00:08:06,050 --> 00:08:03,960

at number nine on the list with a daily

173

00:08:09,170 --> 00:08:06,060

average of two thousand four hundred and

174

00:08:12,110 --> 00:08:09,180

forty three views is your man Gunder

175

00:08:15,290 --> 00:08:12,120

according to its Wikipedia page in Norse

176

00:08:18,409 --> 00:08:15,300

mythology yormongunder also known as the

177

00:08:21,409 --> 00:08:18,419

midguard serpent or World serpent is an

178

00:08:24,230 --> 00:08:21,419

unfathomably large sea serpent or worm

179

00:08:27,350 --> 00:08:24,240

who dwells in the world sea encircling

180

00:08:31,129 --> 00:08:27,360

the Earth or midgard and biting his own

181

00:08:33,529 --> 00:08:31,139

tail an example of an oroboros as a

182

00:08:35,570 --> 00:08:33,539

result of its surrounding midgard or the

183

00:08:38,589 --> 00:08:35,580

Earth it is referred to as the world

184

00:08:41,389 --> 00:08:38,599

serpent when it releases its tail

185

00:08:43,690 --> 00:08:41,399

Ragnarok the final battle of the world

186

00:08:46,490 --> 00:08:43,700

will begin

187

00:08:49,310 --> 00:08:46,500

jormungunder is said to be the middle

188

00:08:52,310 --> 00:08:49,320

child of the trickster god Loki and the

189

00:08:55,070 --> 00:08:52,320

giantess anger borda according to the

190

00:08:57,949 --> 00:08:55,080

prose Etta Odin took Loki's three

191

00:09:00,410 --> 00:08:57,959

children by anger borda the wolf fenrir

192

00:09:03,170 --> 00:09:00,420

the goddess hell and The Serpent

193

00:09:06,949 --> 00:09:03,180

jormungunder and removed them from

194

00:09:09,110 --> 00:09:06,959

Asgard or the world of the icir the

195

00:09:11,090 --> 00:09:09,120

serpent yorben Gunder was tossed into

196

00:09:14,090 --> 00:09:11,100

the great ocean that encircles midgard

197

00:09:16,130 --> 00:09:14,100

there the serpent grew so large that it

198

00:09:18,949 --> 00:09:16,140

was able to surround the Earth and grasp

199

00:09:21,590 --> 00:09:18,959

its own tail the Old Norse Thunder God

200

00:09:24,110 --> 00:09:21,600

Thor has an ongoing feud with

201
00:09:26,930 --> 00:09:24,120
jormungunder in their epics and the two

202
00:09:29,690 --> 00:09:26,940
can be seen as Arch foes Thor and

203
00:09:31,550 --> 00:09:29,700
yomungunder will fight each other to the

204
00:09:33,710 --> 00:09:31,560
death

205
00:09:35,530 --> 00:09:33,720
at number eight on the list with a daily

206
00:09:38,269 --> 00:09:35,540
average of

207
00:09:40,190 --> 00:09:38,279
2563 views is

208
00:09:44,930 --> 00:09:40,200
the yeti

209
00:09:47,329 --> 00:09:44,940
an ape-like creature purported to

210
00:09:50,090 --> 00:09:47,339
inhabit the Himalayan Mountain range in

211
00:09:52,550 --> 00:09:50,100
Asia in Western popular culture the

212
00:09:56,150 --> 00:09:52,560
creature is commonly referred to as the

213
00:09:58,009 --> 00:09:56,160

Abominable Snowman many dubious articles

214

00:09:59,930 --> 00:09:58,019

have been offered in an attempt to prove

215

00:10:02,630 --> 00:09:59,940

the existence of the Yeti including

216

00:10:05,030 --> 00:10:02,640

anecdotal visual sightings disputed

217

00:10:08,090 --> 00:10:05,040

video recordings photographs and plaster

218

00:10:11,050 --> 00:10:08,100

casts of large Footprints some of these

219

00:10:13,310 --> 00:10:11,060

are speculated or known to be hoaxes

220

00:10:14,810 --> 00:10:13,320

folklorises traced the origin of the

221

00:10:17,449 --> 00:10:14,820

Yeti to a combination of factors

222

00:10:20,750 --> 00:10:17,459

including Sherpa folklore and

223

00:10:24,290 --> 00:10:20,760

misidentified fauna such as bear or Yak

224

00:10:27,530 --> 00:10:24,300

the yeti is commonly compared to Bigfoot

225

00:10:31,009 --> 00:10:27,540

of North America as the two subjects

226
00:10:33,470 --> 00:10:31,019
often have similar physical descriptions

227
00:10:36,530 --> 00:10:33,480
the yeti is often described as being a

228
00:10:39,050 --> 00:10:36,540
large bipedal ape-like creature that is

229
00:10:41,990 --> 00:10:39,060
covered with brown gray or white hair

230
00:10:45,410 --> 00:10:42,000
and it is sometimes depicted as having

231
00:10:49,030 --> 00:10:45,420
large sharp teeth the name abominable

232
00:10:51,610 --> 00:10:49,040
snowman was coined in 1921 the year

233
00:10:55,870 --> 00:10:51,620
Lieutenant Colonel Charles howardbury

234
00:10:58,550 --> 00:10:55,880
led the 1921 British Mount Everest

235
00:11:00,650 --> 00:10:58,560
reconnaissance Expedition which he

236
00:11:04,030 --> 00:11:00,660
chronicled in Mount Everest the

237
00:11:06,829 --> 00:11:04,040
reconnaissance 1921.

238
00:11:08,710 --> 00:11:06,839

and at number seven on the list with a

239

00:11:12,710 --> 00:11:08,720

daily average of

240

00:11:16,790 --> 00:11:12,720

2572 views is the Chupacabra

241

00:11:19,610 --> 00:11:16,800

the chupacabra or chupacabras literally

242

00:11:22,790 --> 00:11:19,620

Goat Sucker from the Spanish chupar

243

00:11:25,670 --> 00:11:22,800

which means to suck and cobras which

244

00:11:27,889 --> 00:11:25,680

means goats is a legendary creature in

245

00:11:29,870 --> 00:11:27,899

the folklore parts of the Americas with

246

00:11:33,470 --> 00:11:29,880

its first purported sightings reported

247

00:11:36,110 --> 00:11:33,480

in Puerto Rico in 1995.

248

00:11:38,990 --> 00:11:36,120

the name comes from the animals reported

249

00:11:40,970 --> 00:11:39,000

vampirism the chupacabra is said to

250

00:11:43,250 --> 00:11:40,980

attack and drink the blood of livestock

251
00:11:45,110 --> 00:11:43,260
including goats

252
00:11:47,630 --> 00:11:45,120
physical descriptions of the creature

253
00:11:49,850 --> 00:11:47,640
vary some describe it as reptilian and

254
00:11:52,550 --> 00:11:49,860
alien-like in Puerto Rico and Latin

255
00:11:55,009 --> 00:11:52,560
America generally as a heavy creature

256
00:11:56,870 --> 00:11:55,019
the size of a small bear with a row of

257
00:11:58,190 --> 00:11:56,880
spines reaching from the neck to the

258
00:12:00,610 --> 00:11:58,200
base of the tail

259
00:12:03,050 --> 00:12:00,620
others depict it as more dog-like

260
00:12:05,269 --> 00:12:03,060
particularly in southwestern United

261
00:12:07,310 --> 00:12:05,279
States

262
00:12:09,350 --> 00:12:07,320
sightings have been reported in Puerto

263
00:12:11,269 --> 00:12:09,360

Rico since the 1970s

264

00:12:13,850 --> 00:12:11,279
and this creature has since been

265

00:12:16,550 --> 00:12:13,860
reported as far north as Maine as far

266

00:12:19,009 --> 00:12:16,560
south as Chile and even outside the

267

00:12:20,630 --> 00:12:19,019
Americas in countries like Russia and

268

00:12:23,269 --> 00:12:20,640
Philippines

269

00:12:25,250 --> 00:12:23,279
all of the reports are anecdotal and

270

00:12:27,290 --> 00:12:25,260
have been disregarded as uncorroborated

271

00:12:29,329 --> 00:12:27,300
or lacking evidence

272

00:12:30,829 --> 00:12:29,339
sightings in northern Mexico and the

273

00:12:34,370 --> 00:12:30,839
Southern United States have been

274

00:12:36,590 --> 00:12:34,380
verified as candida afflicted by mange

275

00:12:39,290 --> 00:12:36,600
according to biologists and Wildlife

276

00:12:41,690 --> 00:12:39,300

Management officials the chupacabra is

277

00:12:44,090 --> 00:12:41,700

an urban legend

278

00:12:46,870 --> 00:12:44,100

a five-year investigation by Benjamin

279

00:12:49,850 --> 00:12:46,880

Radford documented in his 2011 book

280

00:12:52,550 --> 00:12:49,860

tracking the chupacabra which I highly

281

00:12:54,530 --> 00:12:52,560

recommend concluded that the description

282

00:12:57,590 --> 00:12:54,540

given by the original eyewitness in

283

00:13:01,009 --> 00:12:57,600

Puerto Rico Madeline Tolentino

284

00:13:04,910 --> 00:13:01,019

was based on the creature sill in the

285

00:13:07,190 --> 00:13:04,920

1995 science fiction horror film species

286

00:13:09,470 --> 00:13:07,200

the alien creature sill is nearly

287

00:13:12,110 --> 00:13:09,480

identical to tolentino's chupacabra

288

00:13:14,470 --> 00:13:12,120

eyewitness account and she had seen the

289

00:13:17,210 --> 00:13:14,480

movie before her report

290

00:13:18,470 --> 00:13:17,220

it was a creature that looked like the

291

00:13:21,230 --> 00:13:18,480

chupacabra

292

00:13:23,389 --> 00:13:21,240

with spines on its back and all the

293

00:13:27,530 --> 00:13:23,399

resemblance to the chupacabra was really

294

00:13:30,110 --> 00:13:27,540

impressive end quote Tolentino reported

295

00:13:32,150 --> 00:13:30,120

Radford revealed that Tolentino quote

296

00:13:34,250 --> 00:13:32,160

believed that the creatures and events

297

00:13:36,230 --> 00:13:34,260

she saw in species were happening in

298

00:13:37,129 --> 00:13:36,240

reality in Puerto Rico at the time end

299

00:13:41,449 --> 00:13:37,139

quote

300

00:13:44,329 --> 00:13:41,459

most important chupacabra description

301
00:13:46,490 --> 00:13:44,339
cannot be trusted end quote

302
00:13:48,230 --> 00:13:46,500
this Radford believes seriously

303
00:13:52,490 --> 00:13:48,240
undermines The credibility of the

304
00:13:55,690 --> 00:13:54,350
at number six on the list with the daily

305
00:13:59,829 --> 00:13:55,700
average of

306
00:14:02,509 --> 00:13:59,839
2829 views is skin walker Ranch

307
00:14:05,930 --> 00:14:02,519
according to its wiki page

308
00:14:09,069 --> 00:14:05,940
skin walker Ranch also known as Sherman

309
00:14:11,050 --> 00:14:09,079
Ranch is a property of approximately

310
00:14:14,449 --> 00:14:11,060
512 Acres

311
00:14:17,389 --> 00:14:14,459
207 hectares located south east of

312
00:14:19,910 --> 00:14:17,399
ballad Utah that is reputed to be the

313
00:14:22,790 --> 00:14:19,920

site of paranormal and UFO related

314

00:14:24,610 --> 00:14:22,800

activities its name is taken from the

315

00:14:28,210 --> 00:14:24,620

skinwalker of the Navajo Legend

316

00:14:31,190 --> 00:14:28,220

concerning vengeful shamans

317

00:14:33,769 --> 00:14:31,200

dubbed the UFO Ranch due to its

318

00:14:35,750 --> 00:14:33,779

obstensible 50-year history of odd

319

00:14:39,290 --> 00:14:35,760

events said to have taken place there

320

00:14:41,269 --> 00:14:39,300

according to Keller and nap they saw or

321

00:14:44,090 --> 00:14:41,279

investigated evidence of close to 100

322

00:14:46,730 --> 00:14:44,100

incidents including Vanishing and

323

00:14:49,250 --> 00:14:46,740

mutilated cattle sightings of

324

00:14:52,310 --> 00:14:49,260

unidentified flying objects or orbs

325

00:14:54,250 --> 00:14:52,320

large animals with piercing red eyes

326

00:14:57,829 --> 00:14:54,260

that they say were

327

00:15:00,530 --> 00:14:57,839

unscathed when struck by bullets and

328

00:15:03,769 --> 00:15:00,540

invisible objects admitting destructive

329

00:15:06,350 --> 00:15:03,779

magnetic fields among those involved

330

00:15:11,110 --> 00:15:06,360

were retired U.S army colonel John B

331

00:15:14,569 --> 00:15:11,120

Alexander who characterized the nid

332

00:15:16,750 --> 00:15:14,579

CSI and that incidentally stands for the

333

00:15:19,550 --> 00:15:16,760

National Institute for Discovery Science

334

00:15:22,370 --> 00:15:19,560

effort is an attempt to get hard data

335

00:15:24,829 --> 00:15:22,380

using a quote standard scientific

336

00:15:27,050 --> 00:15:24,839

approach end quote cattle mutilations

337

00:15:30,370 --> 00:15:27,060

have been part of the folklore of the

338

00:15:34,129 --> 00:15:30,380

surrounding area for decades when

339

00:15:36,050 --> 00:15:34,139

nidcci founder Robert Bigelow purchased

340

00:15:38,449 --> 00:15:36,060

the ranch for two hundred thousand

341

00:15:41,269 --> 00:15:38,459

dollars this was reportedly the result

342

00:15:44,269 --> 00:15:41,279

of his having been convinced by the

343

00:15:46,370 --> 00:15:44,279

stories and mutilations that included

344

00:15:50,329 --> 00:15:46,380

Tales of strange lights and unusual

345

00:15:52,670 --> 00:15:50,339

Impressions made in grass and soil told

346

00:15:54,590 --> 00:15:52,680

by the family of the former Ranch owner

347

00:15:57,410 --> 00:15:54,600

Terry Sherman

348

00:16:00,290 --> 00:15:57,420

criticism according to skeptical author

349

00:16:03,590 --> 00:16:00,300

Robert Shafer quote the phenomenon that

350

00:16:06,410 --> 00:16:03,600

Skinwalker is almost certainly illusory

351

00:16:09,189 --> 00:16:06,420

Not only was the several years-long

352

00:16:11,930 --> 00:16:09,199

monitoring of Skinwalker by

353

00:16:15,230 --> 00:16:11,940

nidsci unable to obtain proof of

354

00:16:17,269 --> 00:16:15,240

anything unusual happening but also the

355

00:16:19,370 --> 00:16:17,279

people who own the property prior to the

356

00:16:22,069 --> 00:16:19,380

Shermans a family whose members lived

357

00:16:24,650 --> 00:16:22,079

there for 60 years deny that any

358

00:16:27,470 --> 00:16:24,660

mysterious phenomena of any kind

359

00:16:30,230 --> 00:16:27,480

occurred there end quote Schaefer says

360

00:16:32,509 --> 00:16:30,240

quote the parsimonious explanation is

361

00:16:34,490 --> 00:16:32,519

that the supernatural claims about the

362

00:16:36,730 --> 00:16:34,500

ranch were made up by the Sherman family

363

00:16:39,829 --> 00:16:36,740

prior to selling it to the gullible

364

00:16:42,370 --> 00:16:39,839

Bigelow end quote Schaefer wrote that

365

00:16:45,650 --> 00:16:42,380

many of the more extraordinary claims

366

00:16:48,050 --> 00:16:45,660

originated solely from Terry Sherman who

367

00:16:50,449 --> 00:16:48,060

worked As a caretaker after the ranch

368

00:16:54,530 --> 00:16:50,459

was sold to Bigelow

369

00:16:57,170 --> 00:16:54,540

in 1996 skeptic James Randy awarded

370

00:16:59,389 --> 00:16:57,180

Bigelow a pegasus award for funding the

371

00:17:01,490 --> 00:16:59,399

purchase of the ranch and supporting the

372

00:17:04,010 --> 00:17:01,500

John E Max and Bud Hopkins

373

00:17:07,309 --> 00:17:04,020

investigations the award category

374

00:17:09,409 --> 00:17:07,319

designated Bigelow as quote the funding

375

00:17:11,870 --> 00:17:09,419

organization that supported the most

376
00:17:15,289 --> 00:17:11,880
useless study of Supernatural paranormal

377
00:17:17,689 --> 00:17:15,299
or the occult end quote

378
00:17:19,150 --> 00:17:17,699
at number five on the list with a daily

379
00:17:23,090 --> 00:17:19,160
average of

380
00:17:25,970 --> 00:17:23,100
2911 views is Bigfoot

381
00:17:28,549 --> 00:17:25,980
and according to its wiki page Bigfoot

382
00:17:31,549 --> 00:17:28,559
also commonly referred to as Sasquatch

383
00:17:33,590 --> 00:17:31,559
is a purported ape-like creature

384
00:17:34,970 --> 00:17:33,600
said to inhabit the forests of North

385
00:17:37,370 --> 00:17:34,980
America

386
00:17:39,470 --> 00:17:37,380
many dubious articles have been offered

387
00:17:42,049 --> 00:17:39,480
in attempts to prove the existence of

388
00:17:44,810 --> 00:17:42,059

Bigfoot including anecdotal claims of

389

00:17:47,690 --> 00:17:44,820

sightings as well as alleged video and

390

00:17:50,330 --> 00:17:47,700

audio recordings photographs and casts

391

00:17:52,370 --> 00:17:50,340

of large footprints

392

00:17:54,110 --> 00:17:52,380

some of which are known or admitted

393

00:17:57,169 --> 00:17:54,120

hoaxes

394

00:17:58,970 --> 00:17:57,179

Tales of wild hairy humanoids exist

395

00:18:01,490 --> 00:17:58,980

throughout the world and such creatures

396

00:18:03,890 --> 00:18:01,500

appear in the folklore of North America

397

00:18:04,730 --> 00:18:03,900

including the mythologies of indigenous

398

00:18:07,789 --> 00:18:04,740

people

399

00:18:11,029 --> 00:18:07,799

Bigfoot is an icon within the Fringe

400

00:18:13,850 --> 00:18:11,039

subculture of cryptozoology and an

401
00:18:16,190 --> 00:18:13,860
enduring element of popular culture

402
00:18:17,810 --> 00:18:16,200
the majority of mainstream scientists

403
00:18:20,270 --> 00:18:17,820
have historically discounted the

404
00:18:22,370 --> 00:18:20,280
existence of Bigfoot considering it to

405
00:18:24,950 --> 00:18:22,380
be the result of a combination of

406
00:18:27,610 --> 00:18:24,960
folklore misidentification and hoax

407
00:18:30,409 --> 00:18:27,620
rather than a living animal

408
00:18:32,510 --> 00:18:30,419
folklorus trace the phenomena of Bigfoot

409
00:18:34,970 --> 00:18:32,520
to a combination of factors and sources

410
00:18:37,490 --> 00:18:34,980
including indigenous cultures the

411
00:18:40,070 --> 00:18:37,500
European wild man figure and folk tales

412
00:18:42,289 --> 00:18:40,080
wishful thinking a cultural increase in

413
00:18:44,750 --> 00:18:42,299

environmental concerns and overall

414

00:18:47,450 --> 00:18:44,760

societal awareness of the subject have

415

00:18:49,669 --> 00:18:47,460

been cited as additional factors

416

00:18:52,070 --> 00:18:49,679

other creatures of relatively similar

417

00:18:53,750 --> 00:18:52,080

descriptions are alleged to inhabit

418

00:18:56,390 --> 00:18:53,760

various regions throughout the world

419

00:18:59,450 --> 00:18:56,400

such as the skunk ape of southeastern

420

00:19:02,930 --> 00:18:59,460

United States the Almas yaron and yeti

421

00:19:04,970 --> 00:19:02,940

in Asia and the Australian yaoi all of

422

00:19:08,510 --> 00:19:04,980

which are also ingrained in the cultures

423

00:19:12,130 --> 00:19:10,610

at number four on the list with a daily

424

00:19:15,890 --> 00:19:12,140

average of

425

00:19:18,830 --> 00:19:15,900

3116 views is a list of Cryptids

426

00:19:21,230 --> 00:19:18,840

according to the Wiki page Cryptids are

427

00:19:24,409 --> 00:19:21,240

animals that cryptozoologists believe

428

00:19:27,350 --> 00:19:24,419

may exist somewhere in the wild but are

429

00:19:30,049 --> 00:19:27,360

not recognized by science cryptozoology

430

00:19:32,690 --> 00:19:30,059

is a pseudoscience which primarily looks

431

00:19:34,810 --> 00:19:32,700

at anecdotal stories and other claims

432

00:19:38,090 --> 00:19:34,820

rejected by the scientific Community

433

00:19:40,370 --> 00:19:38,100

while biologists regularly identify new

434

00:19:41,950 --> 00:19:40,380

species following established scientific

435

00:19:43,970 --> 00:19:41,960

methodology

436

00:19:46,250 --> 00:19:43,980

cryptozoologists focus on entries

437

00:19:47,770 --> 00:19:46,260

mentioned in the folklore record and

438

00:19:50,210 --> 00:19:47,780

rumor

439

00:19:52,610 --> 00:19:50,220

Scholars have noted that cryptozoology

440

00:19:55,250 --> 00:19:52,620

subculture rejected mainstream

441

00:19:57,710 --> 00:19:55,260

approaches from an early date and that

442

00:20:00,430 --> 00:19:57,720

adherence often express hostility to

443

00:20:02,270 --> 00:20:00,440

mainstream science Scholars have studied

444

00:20:05,029 --> 00:20:02,280

cryptozoologists and their influence

445

00:20:07,789 --> 00:20:05,039

including the pseudosciences association

446

00:20:09,710 --> 00:20:07,799

with young Earth creationism noted

447

00:20:11,630 --> 00:20:09,720

parallels in cryptozoology and other

448

00:20:14,270 --> 00:20:11,640

pseudoscientists such as ghost hunting

449

00:20:16,909 --> 00:20:14,280

and ufology and highlighted uncritical

450

00:20:20,210 --> 00:20:16,919

media propagation of cryptozoologist

451

00:20:21,950 --> 00:20:20,220

claims and the Wiki page goes on to

452

00:20:25,250 --> 00:20:21,960

mention many more of the well-known

453

00:20:28,250 --> 00:20:25,260

examples of Cryptids

454

00:20:29,590 --> 00:20:28,260

at number three on the list with a daily

455

00:20:33,529 --> 00:20:29,600

average of

456

00:20:36,230 --> 00:20:33,539

3491 views is the thylacine

457

00:20:38,930 --> 00:20:36,240

according to its wiki page the thylacine

458

00:20:40,610 --> 00:20:38,940

is an extinct carnivorous marsupial that

459

00:20:43,190 --> 00:20:40,620

was native to the Australian Mainland

460

00:20:46,310 --> 00:20:43,200

and the islands of Tasmania and New

461

00:20:49,130 --> 00:20:46,320

Guinea the last known live animal was

462

00:20:51,490 --> 00:20:49,140

captured in 1930 in Tasmania it is

463

00:20:55,070 --> 00:20:51,500

commonly known as the Tasmanian Tiger

464

00:20:57,770 --> 00:20:55,080

because of its striped lower back or the

465

00:20:59,750 --> 00:20:57,780

Tasmanian wolf because of its canid-like

466

00:21:02,270 --> 00:20:59,760

characteristics

467

00:21:04,549 --> 00:21:02,280

the thylacine was relatively shy and

468

00:21:07,010 --> 00:21:04,559

nocturnal with the general appearance of

469

00:21:08,810 --> 00:21:07,020

a medium to large size Cannon except for

470

00:21:11,810 --> 00:21:08,820

its stiff tail and abdominal pouch

471

00:21:14,450 --> 00:21:11,820

similar to that of a kangaroo because of

472

00:21:17,270 --> 00:21:14,460

convergent evolution it displayed an

473

00:21:19,250 --> 00:21:17,280

anatomy and adaptations similar to the

474

00:21:21,590 --> 00:21:19,260

tiger and wolf of the northern

475

00:21:23,930 --> 00:21:21,600

hemisphere such as dark transverse

476

00:21:26,090 --> 00:21:23,940

Stripes that radiated from the top of

477

00:21:28,490 --> 00:21:26,100

its back and a skull-shaped extremely

478

00:21:29,690 --> 00:21:28,500

similar to those of canids despite being

479

00:21:32,330 --> 00:21:29,700

unrelated

480

00:21:35,270 --> 00:21:32,340

the thylacine was a formidable apex

481

00:21:37,909 --> 00:21:35,280

predator though exactly how large its

482

00:21:40,190 --> 00:21:37,919

prey animals were is disputed

483

00:21:42,830 --> 00:21:40,200

its closest living relatives are the

484

00:21:46,010 --> 00:21:42,840

other members of Dacia morphia including

485

00:21:48,350 --> 00:21:46,020

the Tasmanian devil and quails

486

00:21:50,930 --> 00:21:48,360

the thylacine was one of only two

487

00:21:52,130 --> 00:21:50,940

marsupials known to have a pouch in both

488

00:21:54,890 --> 00:21:52,140

sexes

489

00:21:57,409 --> 00:21:54,900

the other still extant species is the

490

00:21:58,789 --> 00:21:57,419

water opossum from Central and South

491

00:22:01,610 --> 00:21:58,799

America

492

00:22:04,190 --> 00:22:01,620

the thylacine had become locally extinct

493

00:22:06,350 --> 00:22:04,200

on both the New Guinea and the

494

00:22:08,390 --> 00:22:06,360

Australian Mainland before British

495

00:22:10,730 --> 00:22:08,400

settlement of the continent but its last

496

00:22:13,330 --> 00:22:10,740

stronghold was on the island of Tasmania

497

00:22:16,390 --> 00:22:13,340

along with several other endemic species

498

00:22:19,010 --> 00:22:16,400

including the Tasmanian devil

499

00:22:20,990 --> 00:22:19,020

intensive hunting encouraged by bounties

500

00:22:23,690 --> 00:22:21,000

is generally blamed for its Extinction

501
00:22:26,450 --> 00:22:23,700
but other contributing factors may have

502
00:22:28,850 --> 00:22:26,460
been disease the introduction of and

503
00:22:32,270 --> 00:22:28,860
competition with dingoes and human

504
00:22:35,990 --> 00:22:32,280
encroachment into its habitat

505
00:22:37,909 --> 00:22:36,000
in 1983 the American Media Mogul Ted

506
00:22:40,310 --> 00:22:37,919
Turner offered a hundred thousand dollar

507
00:22:43,130 --> 00:22:40,320
reward for proof of the continued

508
00:22:45,529 --> 00:22:43,140
existence of the thylacine

509
00:22:48,470 --> 00:22:45,539
a letter sent in response to an inquiry

510
00:22:50,630 --> 00:22:48,480
by a thylacine Searcher Murray

511
00:22:52,789 --> 00:22:50,640
McAllister in 2000

512
00:22:56,450 --> 00:22:52,799
indicated that the offer had been

513
00:22:59,390 --> 00:22:56,460

withdrawn in March 2005 Australian news

514

00:23:02,810 --> 00:22:59,400

magazine the bulletin as part of its

515

00:23:05,690 --> 00:23:02,820

125th anniversary celebrations offered a

516

00:23:08,930 --> 00:23:05,700

1.25 million dollar reward for the safe

517

00:23:12,049 --> 00:23:08,940

capture of a live thylacine when the

518

00:23:13,909 --> 00:23:12,059

offer closed at the end of June 2005 no

519

00:23:15,409 --> 00:23:13,919

one had produced any evidence of the

520

00:23:19,190 --> 00:23:15,419

animal's existence

521

00:23:21,409 --> 00:23:19,200

an offer of 1.75 million dollars has

522

00:23:25,070 --> 00:23:21,419

subsequently been offered by a Tasmanian

523

00:23:26,570 --> 00:23:25,080

tour operator Stuart Malcolm trapping is

524

00:23:29,149 --> 00:23:26,580

illegal under the terms of the

525

00:23:31,970 --> 00:23:29,159

thylacine's protection so any reward

526
00:23:35,990 --> 00:23:31,980
made for its capture is invalid since a

527
00:23:37,970 --> 00:23:36,000
trapping license would not be issued

528
00:23:39,549 --> 00:23:37,980
at number two on the list with a daily

529
00:23:43,250 --> 00:23:39,559
average of

530
00:23:46,370 --> 00:23:43,260
3545 views is Rod

531
00:23:48,649 --> 00:23:46,380
Optical phenomenon

532
00:23:52,610 --> 00:23:48,659
according to its wiki page in

533
00:23:56,210 --> 00:23:52,620
cryptozoology and ufology rods also

534
00:23:59,450 --> 00:23:56,220
known as Sky fish or air rods or solar

535
00:24:01,789 --> 00:23:59,460
entities are elongated visual artifacts

536
00:24:04,610 --> 00:24:01,799
appearing in photographic images and

537
00:24:07,370 --> 00:24:04,620
video recordings most Optical analysis

538
00:24:10,370 --> 00:24:07,380

to date have concluded that the images

539

00:24:12,289 --> 00:24:10,380

are insects moving across the frame as

540

00:24:15,470 --> 00:24:12,299

the photo is being captured

541

00:24:18,470 --> 00:24:15,480

Robert Todd Carroll 2003 having

542

00:24:21,350 --> 00:24:18,480

consulted the etymologist Doug yenninger

543

00:24:23,810 --> 00:24:21,360

identified rods as images of flying

544

00:24:27,230 --> 00:24:23,820

insects recorded over several cycles of

545

00:24:30,049 --> 00:24:27,240

wing beating on video recording devices

546

00:24:32,090 --> 00:24:30,059

the insect captured on image a number of

547

00:24:34,190 --> 00:24:32,100

times while propelling itself forward

548

00:24:37,789 --> 00:24:34,200

giving the illusion of a single

549

00:24:39,649 --> 00:24:37,799

elongated rod-like body with bulges a

550

00:24:42,289 --> 00:24:39,659

2000 report by staff at the Straight

551
00:24:45,830 --> 00:24:42,299
Dope also explained rods as such

552
00:24:49,190 --> 00:24:45,840
phenomena namely tricks of Light which

553
00:24:51,409 --> 00:24:49,200
result from how primarily video images

554
00:24:53,750 --> 00:24:51,419
of flying insects are recorded and

555
00:24:56,090 --> 00:24:53,760
played back adding that investigators

556
00:24:58,850 --> 00:24:56,100
have shown the rod-like bodies to be a

557
00:25:01,370 --> 00:24:58,860
result of motion blur if the camera is

558
00:25:02,330 --> 00:25:01,380
shooting with relatively long exposure

559
00:25:04,549 --> 00:25:02,340
times

560
00:25:07,250 --> 00:25:04,559
the claims of these extraordinary

561
00:25:09,590 --> 00:25:07,260
creatures possibly alien have been

562
00:25:14,570 --> 00:25:09,600
Advanced by either people with active

563
00:25:22,850 --> 00:25:16,789

at number one on the list with a daily

564

00:25:25,370 --> 00:25:22,860

average of 4 339 views is skinwalker

565

00:25:28,909 --> 00:25:25,380

which we covered in part one of this

566

00:25:30,950 --> 00:25:28,919

series but to briefly recap in Navajo

567

00:25:33,649 --> 00:25:30,960

culture a skinwalker is a type of

568

00:25:36,289 --> 00:25:33,659

harmful witch who has the ability to

569

00:25:39,350 --> 00:25:36,299

turn into possess or disguise themselves

570

00:25:42,529 --> 00:25:39,360

as an animal the term is never used for

571

00:25:45,769 --> 00:25:42,539

healers in the Navajo language it

572

00:25:48,710 --> 00:25:45,779

translates to quote by means of it it

573

00:25:51,050 --> 00:25:48,720

goes on all fours end quote

574

00:25:56,450 --> 00:25:53,810

[Music]

575

00:25:57,649 --> 00:25:56,460

there you have it the top 10 list as

576

00:26:01,010 --> 00:25:57,659

recorded on the wiki project

577

00:26:03,350 --> 00:26:01,020

cryptozoology now before you ask here

578

00:26:04,990 --> 00:26:03,360

are the subjects making up numbers 11 to

579

00:26:09,350 --> 00:26:05,000

20.

580

00:26:13,250 --> 00:26:09,360

Kraken Loch Ness monster Mothman

581

00:26:15,590 --> 00:26:13,260

giant squid H2O just to add water which

582

00:26:19,130 --> 00:26:15,600

is an Australian TV series where women

583

00:26:20,390 --> 00:26:19,140

turn into mermaids Great Salt Lake the

584

00:26:24,049 --> 00:26:20,400

shadow person

585

00:26:26,769 --> 00:26:24,059

lernian Hydra wyvern

586

00:26:31,130 --> 00:26:26,779

and lastly a list of alleged

587

00:26:34,909 --> 00:26:33,110

in the next segment I'll look at the

588

00:26:38,090 --> 00:26:34,919

wiki project for alternative medicine

589

00:26:41,210 --> 00:26:38,100

and see what the top page views are for

590

00:26:43,610 --> 00:26:41,220

so-called cures and Potions but for now

591

00:26:45,510 --> 00:26:43,620

this is Adrian Hill signing off from

592

00:26:58,029 --> 00:26:45,520

Canada

593

00:27:01,370 --> 00:26:58,039

[Music]

594

00:27:04,130 --> 00:27:01,380

hi this is Dr Pamela gay from astronomy

595

00:27:06,049 --> 00:27:04,140

cast each week Fraser Kane and I take

596

00:27:08,330 --> 00:27:06,059

our listeners on a fact-based journey

597

00:27:10,909 --> 00:27:08,340

through the cosmos with our weekly

598

00:27:13,730 --> 00:27:10,919

podcast we explain not just what we know

599

00:27:15,529 --> 00:27:13,740

but how we know what we know about this

600

00:27:18,409 --> 00:27:15,539

universe that we share

601
00:27:20,870 --> 00:27:18,419
check us out at astronomycast.com and

602
00:27:23,570 --> 00:27:20,880
look for us in iTunes Google Play and

603
00:27:24,670 --> 00:27:23,580
wherever you download podcasts see

604
00:27:35,029 --> 00:27:24,680
online

605
00:27:36,210 --> 00:27:35,039
[Music]

606
00:27:42,890 --> 00:27:36,220
foreign

607
00:27:45,680 --> 00:27:42,900
[Music]

608
00:27:51,850 --> 00:27:45,690
with Tim Mendham

609
00:27:54,890 --> 00:27:51,860
[Music]

610
00:27:57,470 --> 00:27:54,900
hi I'm Tim Mendham I'm the executive

611
00:27:59,450 --> 00:27:57,480
officer of Australian escapet sync and

612
00:28:00,529 --> 00:27:59,460
editor of our quarterly magazine the

613
00:28:02,149 --> 00:28:00,539

skeptic

614

00:28:03,950 --> 00:28:02,159
and today I'll be reading an article

615

00:28:07,310 --> 00:28:03,960
from a very recent issue of the magazine

616

00:28:11,330 --> 00:28:07,320
which came out in March 2022 which is

617

00:28:12,529 --> 00:28:11,340
volume 42 number one this article is

618

00:28:16,080 --> 00:28:12,539
about sport

619

00:28:20,149 --> 00:28:16,090
and it's called ticks and tactics

620

00:28:24,169 --> 00:28:22,130
that's not uncommon to see Elite

621

00:28:26,510 --> 00:28:24,179
athletes performing some sort of ritual

622

00:28:28,190 --> 00:28:26,520
before during and after play soccer

623

00:28:30,230 --> 00:28:28,200
players crossed themselves before going

624

00:28:32,390 --> 00:28:30,240
out of the field or taking a penalty

625

00:28:34,850 --> 00:28:32,400
shot cricketers point to the sky on

626
00:28:36,950 --> 00:28:34,860
scoring 100 runs in acknowledgment of a

627
00:28:39,169 --> 00:28:36,960
deity or deceased relative or former

628
00:28:40,730 --> 00:28:39,179
colleague sprinters kiss a medallion

629
00:28:42,710 --> 00:28:40,740
before a race

630
00:28:45,830 --> 00:28:42,720
there is a plethora of movements and

631
00:28:47,090 --> 00:28:45,840
ticks performed before a key Moment by a

632
00:28:49,850 --> 00:28:47,100
range of players

633
00:28:51,830 --> 00:28:49,860
tennis player Raphael Nadal's series of

634
00:28:54,010 --> 00:28:51,840
had movements before every serve is

635
00:28:56,390 --> 00:28:54,020
noteworthy and are just some of 19

636
00:28:58,549 --> 00:28:56,400
superstitions which begin as soon as he

637
00:28:59,930 --> 00:28:58,559
enters the court before the start of the

638
00:29:02,029 --> 00:28:59,940

game

639

00:29:04,970 --> 00:29:02,039

the dialing insists on not calling them

640

00:29:07,130 --> 00:29:04,980

superstitions but rather mechanisms to

641

00:29:08,810 --> 00:29:07,140

help him Focus he always enters the

642

00:29:10,669 --> 00:29:08,820

court with a single racket in his hands

643

00:29:12,529 --> 00:29:10,679

make sure the logos from his water

644

00:29:15,049 --> 00:29:12,539

bottles are facing the court and before

645

00:29:17,210 --> 00:29:15,059

his game he takes freezing showers

646

00:29:20,389 --> 00:29:17,220

I'll do this before every match wrote

647

00:29:22,850 --> 00:29:20,399

Nadal in his 2011 autobiography about

648

00:29:25,010 --> 00:29:22,860

his showering ritual it's the point

649

00:29:27,169 --> 00:29:25,020

before the point of no return

650

00:29:29,389 --> 00:29:27,179

under the cold shower I enter a new

651

00:29:31,789 --> 00:29:29,399

space in which I feel my power and

652

00:29:35,090 --> 00:29:31,799

resilience grow I'm a different man when

653

00:29:36,889 --> 00:29:35,100

I emerge I'm activated I'm in the flow

654

00:29:38,930 --> 00:29:36,899

another leading tennis player Serena

655

00:29:41,289 --> 00:29:38,940

Williams has her own set of rituals

656

00:29:43,970 --> 00:29:41,299

bringing her shower sandals to the court

657

00:29:46,310 --> 00:29:43,980

tying her shoelaces a specific way

658

00:29:48,230 --> 00:29:46,320

wearing the same pair of socks during a

659

00:29:50,510 --> 00:29:48,240

tournament and bouncing the ball five

660

00:29:51,950 --> 00:29:50,520

times before her first serve and twice

661

00:29:54,409 --> 00:29:51,960

before her second

662

00:29:56,810 --> 00:29:54,419

she is blamed major losses are not

663

00:29:58,370 --> 00:29:56,820

correctly following her own routine of

664

00:30:00,169 --> 00:29:58,380

course it's not just athletes who occupy

665

00:30:02,510 --> 00:30:00,179

themselves in this way whether it's

666

00:30:04,370 --> 00:30:02,520

stroking a beard scratching a nose or in

667

00:30:07,070 --> 00:30:04,380

former prime minister of Australia Bob

668

00:30:08,930 --> 00:30:07,080

horse Case pulling on an earlobe nerves

669

00:30:10,669 --> 00:30:08,940

and personal beliefs can play a part in

670

00:30:12,529 --> 00:30:10,679

every person's twitches and ticks

671

00:30:14,930 --> 00:30:12,539

although many of these are unconscious

672

00:30:17,690 --> 00:30:14,940

mannerisms rather than learned behavior

673

00:30:19,490 --> 00:30:17,700

with a particular purpose in mind

674

00:30:21,049 --> 00:30:19,500

but some have suggested that Sports

675

00:30:23,630 --> 00:30:21,059

people are particularly prone to

676

00:30:25,789 --> 00:30:23,640

superstitious beliefs and unconscious

677

00:30:28,010 --> 00:30:25,799

nervous actions and they are certainly

678

00:30:30,710 --> 00:30:28,020

more exposed publicly when they practice

679

00:30:32,690 --> 00:30:30,720

them than most people whether these are

680

00:30:35,389 --> 00:30:32,700

nervous ticks unconscious medical

681

00:30:37,970 --> 00:30:35,399

symptoms or movements designed to

682

00:30:39,769 --> 00:30:37,980

encourage good luck or ward off bad they

683

00:30:41,510 --> 00:30:39,779

almost become a comfort to fans of

684

00:30:43,970 --> 00:30:41,520

particular players who would be

685

00:30:45,590 --> 00:30:43,980

disappointed if their Heroes don't wipe

686

00:30:47,330 --> 00:30:45,600

the sweat from their forwards spin their

687

00:30:49,130 --> 00:30:47,340

rackets or acknowledge the almighty for

688

00:30:51,470 --> 00:30:49,140

a successful play

689

00:30:53,990 --> 00:30:51,480

then again players propensity for

690

00:30:55,730 --> 00:30:54,000

non-rational actions extends into the

691

00:30:58,010 --> 00:30:55,740

philosophies they adhere to

692

00:31:01,070 --> 00:30:58,020

the treatments they Undertake and the

693

00:31:03,169 --> 00:31:01,080

often spurious claims they promote

694

00:31:05,090 --> 00:31:03,179

these are not unconscious actions but

695

00:31:07,370 --> 00:31:05,100

deliberately chosen methodologies to

696

00:31:11,330 --> 00:31:07,380

follow and these are areas where fans

697

00:31:13,070 --> 00:31:11,340

might mimic rather than merely observe

698

00:31:15,289 --> 00:31:13,080

it's not just the athletes themselves

699

00:31:17,389 --> 00:31:15,299

who rely on unearthly assistance while

700

00:31:19,070 --> 00:31:17,399

there are many players who may make

701
00:31:21,889 --> 00:31:19,080
supplications Crossing themselves

702
00:31:23,990 --> 00:31:21,899
kissing crosses Etc before enduring a

703
00:31:26,149 --> 00:31:24,000
match fans themselves make formal

704
00:31:28,310 --> 00:31:26,159
prayers to a deity and some even believe

705
00:31:30,769 --> 00:31:28,320
they're God and particularly in the US

706
00:31:32,750 --> 00:31:30,779
that would be a Pentecostal God has not

707
00:31:35,330 --> 00:31:32,760
only favored certain players but has

708
00:31:36,769 --> 00:31:35,340
actually intervened in matches for a

709
00:31:39,049 --> 00:31:36,779
number of years of public religion

710
00:31:41,750 --> 00:31:39,059
Research Institute in the U.S surveyed

711
00:31:43,370 --> 00:31:41,760
followers of various Christian sects on

712
00:31:45,409 --> 00:31:43,380
their beliefs regarding divine

713
00:31:47,389 --> 00:31:45,419

intervention

714

00:31:49,490 --> 00:31:47,399

while it says there are significant

715

00:31:52,130 --> 00:31:49,500

disagreements among Americans about the

716

00:31:55,310 --> 00:31:52,140

role that God plays in sports by

717

00:31:57,529 --> 00:31:55,320

religious background 25 of Americans do

718

00:31:59,570 --> 00:31:57,539

believe that God plays a role in

719

00:32:01,070 --> 00:31:59,580

determining the outcome of sporting

720

00:32:03,529 --> 00:32:01,080

events

721

00:32:05,510 --> 00:32:03,539

and they say white Evangelical

722

00:32:07,310 --> 00:32:05,520

Protestants and non-white Protestants

723

00:32:09,590 --> 00:32:07,320

are more likely to see the hand of God

724

00:32:11,510 --> 00:32:09,600

in the outcome of sporting events than

725

00:32:14,210 --> 00:32:11,520

any other religious group

726
00:32:16,850 --> 00:32:14,220
approximately 41 percent of non-white

727
00:32:19,130 --> 00:32:16,860
Protestants and 36 percent of white

728
00:32:21,289 --> 00:32:19,140
Evangelical Protestants believe God

729
00:32:22,789 --> 00:32:21,299
plays a role in determining which team

730
00:32:25,190 --> 00:32:22,799
wins

731
00:32:28,070 --> 00:32:25,200
fewer white Mainline protocols 25

732
00:32:30,769 --> 00:32:28,080
Catholics 25 and religiously

733
00:32:32,990 --> 00:32:30,779
unaffiliated Americans nine percent

734
00:32:34,789 --> 00:32:33,000
believe God plays a role in determining

735
00:32:36,409 --> 00:32:34,799
outcomes on the field

736
00:32:39,049 --> 00:32:36,419
nearly half

737
00:32:41,690 --> 00:32:39,059
49 of the public believes God rewards

738
00:32:43,010 --> 00:32:41,700

athletes who have faith with good health

739

00:32:46,130 --> 00:32:43,020

and success

740

00:32:47,570 --> 00:32:46,140

about as many 47 disagree strong

741

00:32:49,430 --> 00:32:47,580

differences of opinion are evident

742

00:32:50,990 --> 00:32:49,440

between Americans of different religious

743

00:32:53,210 --> 00:32:51,000

affiliations

744

00:32:54,529 --> 00:32:53,220

non-white Protestants white Evangelical

745

00:32:55,970 --> 00:32:54,539

Protestants from White Mainline

746

00:32:57,830 --> 00:32:55,980

Protestants are more likely than

747

00:33:00,049 --> 00:32:57,840

Catholics and religiously unaffiliated

748

00:33:02,090 --> 00:33:00,059

Americans to believe God rewards

749

00:33:04,549 --> 00:33:02,100

faithful athletes with success good

750

00:33:06,470 --> 00:33:04,559

health note that close to two-thirds of

751
00:33:09,169 --> 00:33:06,480
Americans consider themselves to be a

752
00:33:11,029 --> 00:33:09,179
fan of a particular sports team

753
00:33:14,330 --> 00:33:11,039
but it goes beyond having God on your

754
00:33:16,730 --> 00:33:14,340
side among sports fans 20 report that

755
00:33:18,889 --> 00:33:16,740
they believe their team has been cursed

756
00:33:21,950 --> 00:33:18,899
at some point while more than a quarter

757
00:33:23,330 --> 00:33:21,960
28 said they have prayed for God to help

758
00:33:24,950 --> 00:33:23,340
their team

759
00:33:27,769 --> 00:33:24,960
there are notable differences between

760
00:33:29,690 --> 00:33:27,779
male and female sports fans men are more

761
00:33:33,169 --> 00:33:29,700
likely than women to believe their team

762
00:33:34,909 --> 00:33:33,179
has been cursed 24 versus 15. while

763
00:33:37,789 --> 00:33:34,919

women are somewhat more likely to report

764

00:33:41,450 --> 00:33:37,799

having prayed for divine intervention to

765

00:33:43,490 --> 00:33:41,460

help their team 31 to 40 25.

766

00:33:45,710 --> 00:33:43,500

one wonders if this

767

00:33:47,509 --> 00:33:45,720

intervention as God pays as much

768

00:33:50,690 --> 00:33:47,519

attention to a local Little League game

769

00:33:52,610 --> 00:33:50,700

as they do to a Super Bowl event

770

00:33:55,250 --> 00:33:52,620

as a side note it's interesting to know

771

00:33:57,289 --> 00:33:55,260

that the prri has also discovered that

772

00:33:59,810 --> 00:33:57,299

more than a quarter 28 of Americans

773

00:34:02,090 --> 00:33:59,820

believe God played a major role in

774

00:34:03,110 --> 00:34:02,100

determining the outcome of the 2016

775

00:34:04,850 --> 00:34:03,120

election

776

00:34:08,270 --> 00:34:04,860

the last of these surveys was carried

777

00:34:11,329 --> 00:34:08,280

out in 2017. 30 say God played a minor

778

00:34:13,609 --> 00:34:11,339

role and a majority 55 say God did not

779

00:34:14,869 --> 00:34:13,619

play any role at all in the presidential

780

00:34:17,149 --> 00:34:14,879

election that was the one where Donald

781

00:34:19,790 --> 00:34:17,159

Trump got elected in the first time

782

00:34:22,369 --> 00:34:19,800

perception about God's influence in

783

00:34:24,710 --> 00:34:22,379

politics varied markedly by political

784

00:34:27,109 --> 00:34:24,720

and religious affiliation 45 percent of

785

00:34:28,790 --> 00:34:27,119

Republicans believed God intervened to

786

00:34:31,430 --> 00:34:28,800

help president Donald Trump win the

787

00:34:34,190 --> 00:34:31,440

presidency compared to 26 of

788

00:34:37,909 --> 00:34:34,200

Independence and 18 percent of Democrats

789

00:34:40,609 --> 00:34:37,919

a majority 57 of white Evangelical

790

00:34:44,030 --> 00:34:40,619

Protestants say God played a major role

791

00:34:45,230 --> 00:34:44,040

in determining the outcome of the 2016

792

00:34:47,329 --> 00:34:45,240

election

793

00:34:49,609 --> 00:34:47,339

Have you shared by fewer than half of

794

00:34:51,470 --> 00:34:49,619

non-white Protestants and fewer than one

795

00:34:53,270 --> 00:34:51,480

quarter of white Mainline Protestants

796

00:34:56,370 --> 00:34:53,280

Catholics and the religiously

797

00:35:01,190 --> 00:34:59,270

[Music]

798

00:35:03,829 --> 00:35:01,200

story on ticks and tactics on Sports

799

00:35:06,349 --> 00:35:03,839

superstitions and in the next part we'll

800

00:35:08,270 --> 00:35:06,359

be looking at particular products and a

801
00:35:10,970 --> 00:35:08,280
particular athlete we've probably

802
00:35:12,410 --> 00:35:10,980
regarded as one of the greatest of all

803
00:35:14,329 --> 00:35:12,420
time

804
00:35:16,550 --> 00:35:14,339
I'm Tim Mendham head to fifth Escape

805
00:35:18,470 --> 00:35:16,560
League magazine and you'll soon be able

806
00:35:22,190 --> 00:35:18,480
to download this issue of the magazine

807
00:35:24,050 --> 00:35:22,200
March 2022 from our website Asia candle

808
00:35:26,830 --> 00:35:24,060
previous issues of the magazine at

809
00:35:47,829 --> 00:35:26,840
skeptics.com

810
00:35:50,329 --> 00:35:47,839
[Music]

811
00:35:53,089 --> 00:35:50,339
this is Kyle from the data skeptic

812
00:35:55,370 --> 00:35:53,099
podcast if you're curious about the way

813
00:35:57,589 --> 00:35:55,380

data is changing our world topics like

814

00:36:00,410 --> 00:35:57,599

Ai and all this craziness with Facebook

815

00:36:02,210 --> 00:36:00,420

and Bots and the Twitter storm and how

816

00:36:04,310 --> 00:36:02,220

the algorithms that underline that work

817

00:36:06,050 --> 00:36:04,320

and you don't want a technical Deep dive

818

00:36:07,010 --> 00:36:06,060

you want it you know in the vernacular

819

00:36:08,990 --> 00:36:07,020

in a way that people can understand

820

00:36:11,150 --> 00:36:09,000

check us out at data skeptic that's what

821

00:36:12,950 --> 00:36:11,160

we try and do I interview Advanced

822

00:36:14,630 --> 00:36:12,960

Professionals in the field who do this

823

00:36:17,690 --> 00:36:14,640

sort of research and then I get into

824

00:36:21,950 --> 00:36:17,700

interesting projects as well

825

00:36:43,430 --> 00:36:31,550

[Music]

826

00:36:48,490 --> 00:36:45,530

now it's time once again to go back to

827

00:36:50,990 --> 00:36:48,500

those pages at Trove at

828

00:36:53,030 --> 00:36:51,000

trove.nla.gov dot a u and you know it

829

00:36:54,470 --> 00:36:53,040

very well it's the online resource from

830

00:36:56,990 --> 00:36:54,480

the Australian government and the

831

00:36:59,569 --> 00:36:57,000

National Library of Australia chocoblock

832

00:37:02,210 --> 00:36:59,579

fall to the brim overflowing more than

833

00:37:04,430 --> 00:37:02,220

enough all the time our digital

834

00:37:05,440 --> 00:37:04,440

newspaper archives going back well

835

00:37:06,829 --> 00:37:05,450

centuries

836

00:37:09,370 --> 00:37:06,839

[Music]

837

00:37:11,750 --> 00:37:09,380

foreign

838

00:37:14,630 --> 00:37:11,760

weeks ago when we were doing a tribute

839

00:37:18,950 --> 00:37:14,640

to Dr Harriet Hall the subject of the

840

00:37:21,589 --> 00:37:18,960

Trove was quackery and during that

841

00:37:25,550 --> 00:37:21,599

search I stumbled across a reference an

842

00:37:28,490 --> 00:37:25,560

early reference to iridology in the

843

00:37:30,970 --> 00:37:28,500

Australian press now turning to the

844

00:37:34,450 --> 00:37:30,980

pages at quack watch at

845

00:37:37,849 --> 00:37:34,460

quackwatch.org we discover the item

846

00:37:42,050 --> 00:37:37,859

iridology is nonsense by Stephen Barrett

847

00:37:45,470 --> 00:37:42,060

MD published in 2015 and it says in part

848

00:37:47,870 --> 00:37:45,480

iridology sometimes referred to as Iris

849

00:37:49,790 --> 00:37:47,880

diagnosis is based on the bizarre belief

850

00:37:52,609 --> 00:37:49,800

that each area of the body is

851
00:37:55,190 --> 00:37:52,619
represented by a corresponding area in

852
00:37:57,050 --> 00:37:55,200
the iris of the eye the colored area

853
00:37:59,089 --> 00:37:57,060
around the pupil according to this

854
00:38:01,730 --> 00:37:59,099
Viewpoint a person's state of health and

855
00:38:04,490 --> 00:38:01,740
disease can be diagnosed from the color

856
00:38:07,010 --> 00:38:04,500
texture and location of various pigment

857
00:38:10,510 --> 00:38:07,020
flecks in the eye iridology

858
00:38:13,190 --> 00:38:10,520
practitioners claim to diagnose

859
00:38:15,530 --> 00:38:13,200
imbalances that can be treated with

860
00:38:17,990 --> 00:38:15,540
vitamins minerals herbs and similar

861
00:38:20,810 --> 00:38:18,000
products some claim that the eye

862
00:38:23,329 --> 00:38:20,820
markings can reveal a complex history of

863
00:38:26,030 --> 00:38:23,339

past illnesses as well as previous

864

00:38:29,109 --> 00:38:26,040

treatments one textbook for example

865

00:38:32,109 --> 00:38:29,119

states that a white triangle in the

866

00:38:35,150 --> 00:38:32,119

appropriate area indicates

867

00:38:38,109 --> 00:38:35,160

appendicitis but a black spec indicates

868

00:38:41,510 --> 00:38:38,119

the appendix had been removed by surgery

869

00:38:44,329 --> 00:38:41,520

iridology charts dozens of which exist

870

00:38:47,569 --> 00:38:44,339

varies are not in the location and

871

00:38:50,089 --> 00:38:47,579

interpretation of their Iris signs and

872

00:38:52,910 --> 00:38:50,099

towards the end it says the bottom line

873

00:38:55,550 --> 00:38:52,920

iridology makes no anatomical or

874

00:38:58,510 --> 00:38:55,560

physiological sense it is not merely

875

00:39:00,950 --> 00:38:58,520

worthless incorrect diagnosis can

876

00:39:03,170 --> 00:39:00,960

unnecessarily frighten people cause them

877

00:39:05,569 --> 00:39:03,180

to waste money seeking medical care for

878

00:39:08,150 --> 00:39:05,579

non-existent conditions and steer them

879

00:39:10,790 --> 00:39:08,160

away from necessary medical care when a

880

00:39:13,370 --> 00:39:10,800

real problem is over looked and that's

881

00:39:15,829 --> 00:39:13,380

very true for a lot of so-called

882

00:39:17,690 --> 00:39:15,839

alternative medicines and in red letters

883

00:39:19,730 --> 00:39:17,700

down the bottom it says if you encounter

884

00:39:21,790 --> 00:39:19,740

anyone practicing iridology please

885

00:39:24,849 --> 00:39:21,800

complain to your State Attorney General

886

00:39:28,609 --> 00:39:24,859

so bearing the information from that

887

00:39:32,260 --> 00:39:28,619

page in mind let's have a look at the

888

00:39:37,310 --> 00:39:35,089

[Music]

889

00:39:40,550 --> 00:39:37,320

and we turn to the pages of the herald

890

00:39:43,810 --> 00:39:40,560

from Melbourne Victoria dated the 22nd

891

00:39:46,910 --> 00:39:43,820

of February 1934.

892

00:39:49,130 --> 00:39:46,920

so the references to iridology in

893

00:39:50,450 --> 00:39:49,140

Australia do go back quite a way

894

00:39:53,810 --> 00:39:50,460

and

895

00:39:57,650 --> 00:39:53,820

this is somewhat blurred

896

00:39:59,510 --> 00:39:57,660

uh the copy they have here online but

897

00:40:00,770 --> 00:39:59,520

I'll see if I can get through

898

00:40:04,490 --> 00:40:00,780

your health

899

00:40:07,130 --> 00:40:04,500

iridology and Betty Martin

900

00:40:10,550 --> 00:40:07,140

by our medical correspondent

901
00:40:12,829 --> 00:40:10,560
iridology is the name of a new so-called

902
00:40:14,390 --> 00:40:12,839
science established in America and

903
00:40:17,870 --> 00:40:14,400
liable to spread to other countries

904
00:40:20,510 --> 00:40:17,880
which claims by means of study of the

905
00:40:23,329 --> 00:40:20,520
iris of the eye to be able to diagnose

906
00:40:26,410 --> 00:40:23,339
disease in any part of the body those

907
00:40:28,849 --> 00:40:26,420
who practice the cult are called

908
00:40:31,490 --> 00:40:28,859
iridologists they look you carefully in

909
00:40:34,250 --> 00:40:31,500
the eye not to see if there is any green

910
00:40:37,250 --> 00:40:34,260
in it but because according to them the

911
00:40:40,550 --> 00:40:37,260
various parts and organs of the body are

912
00:40:43,190 --> 00:40:40,560
connected or related to various parts of

913
00:40:45,349 --> 00:40:43,200

the iris and if there is anything wrong

914

00:40:47,450 --> 00:40:45,359

with an organ there will be a change or

915

00:40:50,510 --> 00:40:47,460

alteration in the corresponding part of

916

00:40:53,210 --> 00:40:50,520

the iris this can be seen and so with

917

00:40:56,569 --> 00:40:53,220

the aid of a chart your trouble can be

918

00:40:59,870 --> 00:40:56,579

located the iris of the eye is the

919

00:41:02,510 --> 00:40:59,880

movable curtain so interestingly colored

920

00:41:05,270 --> 00:41:02,520

which lies in front of the lens of the

921

00:41:08,329 --> 00:41:05,280

eye and surrounds the central hole

922

00:41:12,170 --> 00:41:08,339

called the pupil through which the light

923

00:41:14,210 --> 00:41:12,180

enters the eye it corresponds and I

924

00:41:16,310 --> 00:41:14,220

think the next word is directly but it's

925

00:41:18,770 --> 00:41:16,320

it's completely blurred so

926

00:41:20,510 --> 00:41:18,780

let's assume it could be directly it

927

00:41:23,630 --> 00:41:20,520

corresponds directly to the movable

928

00:41:26,210 --> 00:41:23,640

diaphragm in front of the lens of a

929

00:41:29,329 --> 00:41:26,220

camera and operates in a similar manner

930

00:41:32,210 --> 00:41:29,339

it contains five muscle fibers whereby

931

00:41:35,150 --> 00:41:32,220

it can contract and make the pupil

932

00:41:37,430 --> 00:41:35,160

smaller when we are in bright light and

933

00:41:41,630 --> 00:41:37,440

other fibers which can open the pupil

934

00:41:43,250 --> 00:41:41,640

wide in dim light cats as we know like

935

00:41:45,410 --> 00:41:43,260

the skeptic Zone cats who are sitting

936

00:41:47,170 --> 00:41:45,420

next to me on the desk

937

00:41:51,050 --> 00:41:47,180

trying to be quiet

938

00:41:54,050 --> 00:41:51,060

cats as we know have an iris so shaped

939

00:41:55,609 --> 00:41:54,060

as to give the pupil an oval or

940

00:41:58,310 --> 00:41:55,619

elliptical shape

941

00:42:01,490 --> 00:41:58,320

needless to say the parts of the iris

942

00:42:04,069 --> 00:42:01,500

have no more relationship to the organs

943

00:42:08,270 --> 00:42:04,079

of the body than have the hairs of our

944

00:42:10,270 --> 00:42:08,280

head or the flaps of your ears

945

00:42:13,250 --> 00:42:10,280

it is a reflection of our education

946

00:42:16,730 --> 00:42:13,260

so-called that unfortunate people can be

947

00:42:19,250 --> 00:42:16,740

gold in such a manner and shows how

948

00:42:20,990 --> 00:42:19,260

desirable it is that we should all have

949

00:42:24,650 --> 00:42:21,000

among other things a general

950

00:42:27,829 --> 00:42:24,660

understanding of physiology and hygiene

951
00:42:30,349 --> 00:42:27,839
iridology may be good business but it is

952
00:42:32,990 --> 00:42:30,359
and here's the sad part the next word is

953
00:42:34,310 --> 00:42:33,000
so blurred that I don't know what it

954
00:42:37,250 --> 00:42:34,320
could say

955
00:42:41,870 --> 00:42:37,260
we'll have to use our imagination and it

956
00:42:44,990 --> 00:42:41,880
ends all my eye and Betty Martin who was

957
00:42:47,750 --> 00:42:45,000
Betty Martin it says

958
00:42:50,089 --> 00:42:47,760
so let's skip ahead a few years to 1940

959
00:42:53,410 --> 00:42:50,099
from The Daily Telegraph from Sydney

960
00:42:57,550 --> 00:42:53,420
dated the 26th of May

961
00:43:00,950 --> 00:42:57,560
diagnosis by the eye Mr C H flower

962
00:43:03,589 --> 00:43:00,960
claims that by examining the iris of the

963
00:43:06,950 --> 00:43:03,599

eye he can tell if there is anything

964

00:43:09,829 --> 00:43:06,960

wrong with any part of the body with a

965

00:43:13,730 --> 00:43:09,839

few exceptions Mr flower a Melbourne

966

00:43:16,609 --> 00:43:13,740

optometrist describes this as iridology

967

00:43:19,430 --> 00:43:16,619

the science of diagnosing pathological

968

00:43:22,490 --> 00:43:19,440

and functional disturbances in the human

969

00:43:25,130 --> 00:43:22,500

body by means of abnormal lines spots

970

00:43:27,890 --> 00:43:25,140

and discolorations in the iris of the

971

00:43:29,809 --> 00:43:27,900

eye he states that iridology has been

972

00:43:32,750 --> 00:43:29,819

highly developed in the United States

973

00:43:35,450 --> 00:43:32,760

and that he is one of its new Australian

974

00:43:37,670 --> 00:43:35,460

practitioners charts have been developed

975

00:43:39,710 --> 00:43:37,680

upon which are indicated the serious

976
00:43:41,569 --> 00:43:39,720
parts and organs of the body

977
00:43:44,089 --> 00:43:41,579
said Mr flower

978
00:43:46,910 --> 00:43:44,099
these are connected to the Iris by means

979
00:43:50,329 --> 00:43:46,920
of the nerve system the charts permit

980
00:43:52,670 --> 00:43:50,339
almost immediate diagnosis and that was

981
00:43:55,069 --> 00:43:52,680
1940.

982
00:43:58,329 --> 00:43:55,079
so looks like iridology was being

983
00:44:02,089 --> 00:43:58,339
practiced in Australia as long ago as

984
00:44:03,890 --> 00:44:02,099
1940 and once it was introduced it

985
00:44:06,470 --> 00:44:03,900
didn't go away

986
00:44:08,270 --> 00:44:06,480
and so we turned to the pages of the

987
00:44:11,510 --> 00:44:08,280
port Lincoln times from South Australia

988
00:44:14,990 --> 00:44:11,520

dated the 14th of April 1992.

989

00:44:18,050 --> 00:44:15,000

guest speaker at tumbi Bay naturopath

990

00:44:22,130 --> 00:44:18,060

Mrs Carolyn white was guest speaker at a

991

00:44:26,210 --> 00:44:22,140

morning meeting of the tumbi Bay wab

992

00:44:28,089 --> 00:44:26,220

I'm not sure what wab stands for

993

00:44:30,829 --> 00:44:28,099

let's look it up

994

00:44:34,130 --> 00:44:30,839

and it seems to be

995

00:44:37,190 --> 00:44:34,140

women in agriculture and business of

996

00:44:40,670 --> 00:44:37,200

South Australia Incorporated

997

00:44:42,190 --> 00:44:40,680

it goes on Mrs White also has diplomas

998

00:44:45,950 --> 00:44:42,200

in iridology

999

00:44:48,710 --> 00:44:45,960

diabetics and nutrition she began by

1000

00:44:51,770 --> 00:44:48,720

saying that we are what we eat and that

1001
00:44:53,510 --> 00:44:51,780
80 of our food should be eaten raw we

1002
00:44:57,050 --> 00:44:53,520
should drink eight glasses of water

1003
00:44:59,650 --> 00:44:57,060
daily one teaspoon of cider vinegar with

1004
00:45:02,210 --> 00:44:59,660
each meal helps to break down food

1005
00:45:05,390 --> 00:45:02,220
iridology is the study of the iris of

1006
00:45:08,450 --> 00:45:05,400
the eye and from this can be learned the

1007
00:45:10,910 --> 00:45:08,460
physical condition of the body it is

1008
00:45:13,970 --> 00:45:10,920
incredible what can be detected by an

1009
00:45:16,970 --> 00:45:13,980
iridology reading Mrs White also spoke

1010
00:45:20,150 --> 00:45:16,980
on constipation its cause and cure

1011
00:45:22,069 --> 00:45:20,160
hardening of the arteries cancer and the

1012
00:45:25,130 --> 00:45:22,079
use of many herbs

1013
00:45:27,710 --> 00:45:25,140

Mrs Molly worry proposed a vote of

1014

00:45:32,210 --> 00:45:27,720

thanks to Mrs White for her informative

1015

00:45:33,410 --> 00:45:32,220

talk and presented her with a w a b t

1016

00:45:35,569 --> 00:45:33,420

towel

1017

00:45:39,530 --> 00:45:35,579

a report on the regional meeting was

1018

00:45:43,849 --> 00:45:39,540

given by Ivy Freeman and Explorer s's

1019

00:45:45,890 --> 00:45:43,859

week by Gwen lovegrove the Branch's 30th

1020

00:45:50,089 --> 00:45:45,900

birthday meeting will be held at Ivy

1021

00:45:53,990 --> 00:45:50,099

Freeman's home on May 16. cars leave at

1022

00:45:55,370 --> 00:45:54,000

1 30 PM from the Anglican Church what a

1023

00:46:00,950 --> 00:45:55,380

wonderful little piece of history that

1024

00:46:03,470 --> 00:46:00,960

is way back in 1992 over 30 years ago

1025

00:46:06,109 --> 00:46:03,480

and finally we turn to the River Arena

1026
00:46:09,829 --> 00:46:06,119
Herald from echuca Victoria dated the

1027
00:46:13,970 --> 00:46:09,839
30th of September 1998.

1028
00:46:16,250 --> 00:46:13,980
being female is advantageous

1029
00:46:19,010 --> 00:46:16,260
ichuka naturopath and masseuse Marg

1030
00:46:20,870 --> 00:46:19,020
Phipps that's found being female in the

1031
00:46:23,750 --> 00:46:20,880
alternative medicine industry can be

1032
00:46:25,670 --> 00:46:23,760
advantageous in the same way some people

1033
00:46:28,730 --> 00:46:25,680
feel more comfortable about going to

1034
00:46:32,270 --> 00:46:28,740
female doctors some are more at ease

1035
00:46:36,530 --> 00:46:32,280
with female naturopaths females probably

1036
00:46:39,230 --> 00:46:36,540
tend to listen more than males mugs says

1037
00:46:41,690 --> 00:46:39,240
not long after mug started working as a

1038
00:46:43,670 --> 00:46:41,700

masseuse around 11 years ago feedback

1039

00:46:46,550 --> 00:46:43,680
from clients got her interested in

1040

00:46:49,130 --> 00:46:46,560
naturopathy people were asking questions

1041

00:46:50,630 --> 00:46:49,140
about nutrition and health and this

1042

00:46:54,829 --> 00:46:50,640
started to be down the corridor to

1043

00:46:56,930 --> 00:46:54,839
naturopathy so in early 1990 Marg

1044

00:47:00,710 --> 00:46:56,940
started studying naturopathy full-time

1045

00:47:04,309 --> 00:47:00,720
she graduated in 1993 and immediately

1046

00:47:06,950 --> 00:47:04,319
started working at a clinic in moama

1047

00:47:11,329 --> 00:47:06,960
in July this year mark established a

1048

00:47:13,930 --> 00:47:11,339
clinic at 61 Nish Street echuca

1049

00:47:16,490 --> 00:47:13,940
because the moama clinic was too small

1050

00:47:18,530 --> 00:47:16,500
Marg has been joined at the clinic by

1051

00:47:20,630 --> 00:47:18,540

her daughter Karen following in her

1052

00:47:23,870 --> 00:47:20,640

mother's footsteps Karen is studying

1053

00:47:27,050 --> 00:47:23,880

naturopathy and like Marg is qualified

1054

00:47:28,550 --> 00:47:27,060

in Bowen technique and massage the Bowen

1055

00:47:31,370 --> 00:47:28,560

technique is a popular form of

1056

00:47:33,890 --> 00:47:31,380

therapeutic massage and convenient for

1057

00:47:35,150 --> 00:47:33,900

elderly people as there is no need to

1058

00:47:37,910 --> 00:47:35,160

disrobe

1059

00:47:39,790 --> 00:47:37,920

it's putting reflex actions above major

1060

00:47:42,829 --> 00:47:39,800

acupuncture points in the body

1061

00:47:46,730 --> 00:47:42,839

correcting and relaxing the body Marg

1062

00:47:49,010 --> 00:47:46,740

said Marg is also qualified in iridology

1063

00:47:51,050 --> 00:47:49,020

the field of alternative medicine which

1064

00:47:53,630 --> 00:47:51,060

assesses a person's health by examining

1065

00:47:56,510 --> 00:47:53,640

the eye the essential premise behind

1066

00:47:59,569 --> 00:47:56,520

iridology is that areas within the eyes

1067

00:48:00,710 --> 00:47:59,579

Iris correspond to an organ or function

1068

00:48:03,349 --> 00:48:00,720

of the body

1069

00:48:05,329 --> 00:48:03,359

we're looking at reflex areas colors

1070

00:48:07,370 --> 00:48:05,339

marking shapes in areas that tell us

1071

00:48:11,270 --> 00:48:07,380

what sort of problems we are dealing

1072

00:48:14,089 --> 00:48:11,280

with internally mug said Marg is able to

1073

00:48:18,250 --> 00:48:14,099

generate computerized images of patients

1074

00:48:20,690 --> 00:48:18,260

eyes to ensure thorough eye examinations

1075

00:48:23,030 --> 00:48:20,700

Marg is available for consultations at

1076
00:48:26,390 --> 00:48:23,040
the echuca Naturopath Health Clinic on

1077
00:48:28,320 --> 00:48:26,400
Wednesdays Thursdays Fridays and every

1078
00:48:29,450 --> 00:48:28,330
second Saturday morning

1079
00:48:30,830 --> 00:48:29,460
[Music]

1080
00:48:34,510 --> 00:48:30,840
foreign

1081
00:48:38,930 --> 00:48:36,950
years I've been going to the Mind Body

1082
00:48:42,550 --> 00:48:38,940
Spirit Mind Body wallet festivals here

1083
00:48:47,809 --> 00:48:42,560
in Sydney and other other such fairs

1084
00:48:48,790 --> 00:48:47,819
I've never failed to see at least one or

1085
00:48:51,890 --> 00:48:48,800
two

1086
00:48:54,589 --> 00:48:51,900
iridologists in action in fact I had my

1087
00:48:57,829 --> 00:48:54,599
own eyes examined by an iridologist for

1088
00:49:01,060 --> 00:48:57,839

the sake of Science of course oh must be

1089

00:49:03,890 --> 00:49:01,070

approaching 20 years ago

1090

00:49:06,770 --> 00:49:03,900

[Music]

1091

00:49:10,609 --> 00:49:06,780

so there we are references to iridology

1092

00:49:13,430 --> 00:49:10,619

the classic of quackery in the pages of

1093

00:49:16,010 --> 00:49:13,440

Australian newspapers and you can find

1094

00:49:18,650 --> 00:49:16,020

out all sorts of other classic items and

1095

00:49:19,809 --> 00:49:18,660

areas of interest when you visit Trove

1096

00:49:21,770 --> 00:49:19,819

at

1097

00:49:23,690 --> 00:49:21,780

trove.nla.gov.au I encourage you to do

1098

00:49:26,809 --> 00:49:23,700

it have a look have a look around it's

1099

00:49:29,809 --> 00:49:26,819

fascinating you get lost into all sorts

1100

00:49:34,950 --> 00:49:29,819

of interesting rabbit holes because

1101

00:49:34,960 --> 00:49:46,329

[Music]

1102

00:49:54,650 --> 00:49:49,130

thank you

1103

00:49:57,290 --> 00:49:54,660

wonderful supporters at patreon and

1104

00:50:00,349 --> 00:49:57,300

PayPal if you want to join the um

1105

00:50:03,250 --> 00:50:00,359

increasing number of people who do chip

1106

00:50:05,750 --> 00:50:03,260

in help out contribute just go to

1107

00:50:07,730 --> 00:50:05,760

skepticzone.tv and follow the very

1108

00:50:09,589 --> 00:50:07,740

obvious links

1109

00:50:11,089 --> 00:50:09,599

and when you're there you can glance at

1110

00:50:14,329 --> 00:50:11,099

this week's show notes which will tell

1111

00:50:16,089 --> 00:50:14,339

you that 10 years ago 10 years ago on

1112

00:50:19,910 --> 00:50:16,099

the skeptic Zone episode

1113

00:50:22,309 --> 00:50:19,920

224 for the 3rd of February 2013

1114

00:50:25,010 --> 00:50:22,319

may not spooky action Maynard

1115

00:50:28,010 --> 00:50:25,020

interviewed Robert Llewellyn from Red

1116

00:50:30,530 --> 00:50:28,020

Dwarf who plays Creighton and still does

1117

00:50:31,970 --> 00:50:30,540

and of course many other things there's

1118

00:50:33,829 --> 00:50:31,980

an article in the skeptical magazine

1119

00:50:37,010 --> 00:50:33,839

about creating your own skeptical

1120

00:50:38,870 --> 00:50:37,020

messages and a chat with Dr Meredith

1121

00:50:40,550 --> 00:50:38,880

doig president of the rationalist

1122

00:50:43,130 --> 00:50:40,560

Society of Australia all that happened

1123

00:50:45,349 --> 00:50:43,140

10 years ago there's a link in the sweet

1124

00:50:48,170 --> 00:50:45,359

show notes coming up on next week's

1125

00:50:51,250 --> 00:50:48,180

episode part two of Tim Mendham series

1126

00:50:53,630 --> 00:50:51,260

of ticks and tactics about

1127

00:50:56,510 --> 00:50:53,640

Superstition in sport

1128

00:51:00,829 --> 00:50:56,520

the Australian Skeptics newsletter and

1129

00:51:02,750 --> 00:51:00,839

Trove will look at fake cures lots to

1130

00:51:05,510 --> 00:51:02,760

look forward to but now it's time for me

1131

00:51:06,710 --> 00:51:05,520

to turn off the recording device hang up

1132

00:51:09,290 --> 00:51:06,720

the headphones

1133

00:51:12,470 --> 00:51:09,300

run downstairs again and edit the show

1134

00:51:15,109 --> 00:51:12,480

together well I do all that I'll wish

1135

00:51:17,150 --> 00:51:15,119

you a good week but for this week this

1136

00:51:22,390 --> 00:51:17,160

is Richard Saunders signing off from

1137

00:51:29,349 --> 00:51:24,770

you've been listening to the skeptic

1138

00:51:31,630 --> 00:51:29,359

Zone podcast please visit our website at

1139

00:51:34,730 --> 00:51:31,640

www.skepticzone.tv for show notes

1140

00:51:38,329 --> 00:51:34,740

contacts and to access the back catalog

1141

00:51:40,309 --> 00:51:38,339

of episodes going back to 2008.

1142

00:51:43,910 --> 00:51:40,319

you can follow the skeptic Zone podcast

1143

00:51:46,190 --> 00:51:43,920

on Twitter at skeptic Zone visit our

1144

00:51:47,510 --> 00:51:46,200

Facebook page or leave a review on

1145

00:51:49,670 --> 00:51:47,520

iTunes

1146

00:51:52,910 --> 00:51:49,680

you can also support the skeptic Zone

1147

00:51:56,390 --> 00:51:52,920

via patreon or PayPal the skeptic Zone

1148

00:51:58,069 --> 00:51:56,400

podcast is an independent production the

1149

00:52:00,170 --> 00:51:58,079

views and opinions expressed on the

1150

00:52:02,569 --> 00:52:00,180

skeptic zone are not necessarily those

1151
00:52:04,220 --> 00:52:02,579
of Australian Skeptics or any other

1152
00:52:15,370 --> 00:52:04,230
skeptical organization

1153
00:52:21,730 --> 00:52:19,430
Rat King according to its wiki page a

1154
00:52:23,510 --> 00:52:21,740
rat king

1155
00:52:26,030 --> 00:52:23,520
foreign

1156
00:52:32,630 --> 00:52:26,040
that's um that's not a rat king that's a

1157
00:52:37,069 --> 00:52:34,970
what is it

1158
00:52:40,270 --> 00:52:37,079
don't just sit in the stairwell and meow

1159
00:52:46,549 --> 00:52:40,280
at me come here come on come on mode

1160
00:52:51,829 --> 00:52:49,309
I'm trying to record the skeptic Zone