



JACQUES VALLÉE

“The UFO Phenomenon:
A Genuine Scientific
Problem”



1
00:00:02,190 --> 00:00:34,630

[Music]

2
00:00:40,270 --> 00:00:37,670

we got it down to one one Buton that I

3
00:00:41,029 --> 00:00:40,280

need to push so we're in good we're in

4
00:00:42,910 --> 00:00:41,039

good

5
00:00:47,510 --> 00:00:42,920

shape thank

6
00:00:51,830 --> 00:00:47,520

you um it's um it's wonderful to see

7
00:00:53,389 --> 00:00:51,840

that science can uh come to grips with

8
00:00:57,349 --> 00:00:53,399

problems like

9
00:01:01,509 --> 00:00:57,359

this um you just have to wait 65 years

10
00:01:04,310 --> 00:01:01,519

which is um what happened to me you can

11
00:01:06,109 --> 00:01:04,320

see the my my hair was a different color

12
00:01:09,310 --> 00:01:06,119

at the

13
00:01:12,789 --> 00:01:09,320

beginning uh it's always um a bit

14

00:01:14,710 --> 00:01:12,799

nostalgic for me to come back to the

15

00:01:19,070 --> 00:01:14,720

farm

16

00:01:22,910 --> 00:01:19,080

here um I spent nearly four years on on

17

00:01:25,670 --> 00:01:22,920

this campus first in the computation

18

00:01:28,069 --> 00:01:25,680

Center uh which was a couple of years

19

00:01:30,510 --> 00:01:28,079

ahead of IBM in system

20

00:01:32,469 --> 00:01:30,520

development and later at The Institute

21

00:01:36,630 --> 00:01:32,479

for Plasma

22

00:01:41,749 --> 00:01:36,640

Research um under Professor Peter

23

00:01:44,709 --> 00:01:41,759

sturak developing models of the solar

24

00:01:48,789 --> 00:01:44,719

Corona uh pulsar

25

00:01:52,109 --> 00:01:48,799

energy and unidentified flying

26

00:01:54,990 --> 00:01:52,119

objects the year was

27

00:01:59,350 --> 00:01:55,000

1972 and it was already clear at least

28

00:02:02,510 --> 00:01:59,360

to us that these three Cosmic subjects

29

00:02:10,390 --> 00:02:02,520

had a a lot in

30

00:02:20,150 --> 00:02:14,710

say here you see uh President Clinton

31

00:02:25,869 --> 00:02:20,160

having a private talk with his science

32

00:02:30,589 --> 00:02:25,879

advisor uh from 93 to 98 Professor Jack

33

00:02:33,509 --> 00:02:30,599

Gibbons an astrophysicist and atomist

34

00:02:37,270 --> 00:02:33,519

specialized in the structure of the

35

00:02:39,790 --> 00:02:37,280

Sun and energy conservation which is

36

00:02:44,110 --> 00:02:39,800

what got him the

37

00:02:46,589 --> 00:02:44,120

job he held this prestigious position at

38

00:02:48,949 --> 00:02:46,599

the time when Mr Lawrence

39

00:02:52,350 --> 00:02:48,959

Rockefeller well-known supporter of

40

00:02:54,910 --> 00:02:52,360

American Science and the

41

00:02:58,990 --> 00:02:54,920

environment strongly suggested to

42

00:03:00,949 --> 00:02:59,000

President Clinton to remove the secrecy

43

00:03:05,390 --> 00:03:00,959

and the stigma

44

00:03:09,030 --> 00:03:05,400

that surrounded the UFO issue in the

45

00:03:10,670 --> 00:03:09,040

US the problem was a scientific one but

46

00:03:13,670 --> 00:03:10,680

it was mainly

47

00:03:16,229 --> 00:03:13,680

political and as we all know the secret

48

00:03:19,470 --> 00:03:16,239

was not

49

00:03:22,149 --> 00:03:19,480

lifted in February 94 I had the

50

00:03:24,509 --> 00:03:22,159

opportunity to Listen to Professor

51
00:03:26,789 --> 00:03:24,519
Gibbons at the annual meeting of the

52
00:03:31,630 --> 00:03:26,799
American Association for the advancement

53
00:03:34,869 --> 00:03:31,640
of Science in this city in San

54
00:03:36,949 --> 00:03:34,879
Francisco where I was part of a panel

55
00:03:40,509 --> 00:03:36,959
about the use of computer networking and

56
00:03:41,990 --> 00:03:40,519
the management of crisis in industrial

57
00:03:43,550 --> 00:03:42,000
and

58
00:03:47,070 --> 00:03:43,560
environmental

59
00:03:50,070 --> 00:03:47,080
issues he uh presented Dr Gibbons

60
00:03:54,789 --> 00:03:50,080
presented the keynote

61
00:03:58,030 --> 00:03:54,799
address and gracefully two questions

62
00:04:00,670 --> 00:03:58,040
afterwards um of course uh someone from

63
00:04:03,509 --> 00:04:00,680

the audience asked him

64

00:04:07,110 --> 00:04:03,519

how do you advise the president of the

65

00:04:10,830 --> 00:04:07,120

United States when Mr rockerfeller wants

66

00:04:13,229 --> 00:04:10,840

him to reveal once and for all the

67

00:04:15,710 --> 00:04:13,239

reality of unexplained objects in the

68

00:04:18,349 --> 00:04:15,720

planet's

69

00:04:19,030 --> 00:04:18,359

neighborhood there were a few laughs in

70

00:04:24,830 --> 00:04:19,040

the

71

00:04:26,870 --> 00:04:24,840

audience followed by deep and Silent

72

00:04:30,189 --> 00:04:26,880

expectation Dr

73

00:04:34,749 --> 00:04:30,199

Gibbons picked up the mic and said he

74

00:04:37,629 --> 00:04:34,759

could not answer in place of the white

75

00:04:41,230 --> 00:04:37,639

house but he could tell a short story

76

00:04:43,590 --> 00:04:41,240

that would summarize his personal

77

00:04:47,510 --> 00:04:43,600

situation and I'll mention that because

78

00:04:51,110 --> 00:04:47,520

it's now our personal situation here

79

00:04:53,189 --> 00:04:51,120

it's about an older man who is tired and

80

00:04:57,189 --> 00:04:53,199

goes home one

81

00:05:00,230 --> 00:04:57,199

evening in the grass along the way he

82

00:05:03,590 --> 00:05:00,240

detects an unusual light

83

00:05:08,070 --> 00:05:03,600

as he gets closer he discovers a

84

00:05:12,189 --> 00:05:08,080

frog with the odd detail that it wears a

85

00:05:15,189 --> 00:05:12,199

little lighted Golden

86

00:05:17,510 --> 00:05:15,199

Crown so he's intrigued by that

87

00:05:20,870 --> 00:05:17,520

Discovery and he picks up the

88

00:05:25,670 --> 00:05:20,880

Frog and he's about to put it in his

89

00:05:31,590 --> 00:05:29,670

him the Frog this was at a Triple A in s

90

00:05:35,830 --> 00:05:31,600

Francisco in front of all the scientists

91

00:05:39,510 --> 00:05:35,840

in in the Bay Area okay so the Frog

92

00:05:41,870 --> 00:05:39,520

explains that in reality she is a young

93

00:05:45,749 --> 00:05:41,880

very wealthy

94

00:05:49,430 --> 00:05:45,759

princess changed into a frog by a mean

95

00:05:53,110 --> 00:05:49,440

magician and all he has to do is to kiss

96

00:05:55,230 --> 00:05:53,120

her she will become human again they

97

00:05:58,110 --> 00:05:55,240

will live together in happiness and they

98

00:06:01,430 --> 00:05:58,120

will have many wonderful

99

00:06:04,150 --> 00:06:01,440

children the old man pund the situation

100

00:06:08,469 --> 00:06:04,160

seriously for a while and then he puts

101
00:06:10,850 --> 00:06:08,479
her in his pocket saying at my age I'd

102
00:06:15,550 --> 00:06:10,860
rather have a talking

103
00:06:19,070 --> 00:06:15,560
[Laughter]

104
00:06:22,070 --> 00:06:19,080
frog that's funny but it's

105
00:06:24,990 --> 00:06:22,080
also the most clear explanation I've

106
00:06:28,469 --> 00:06:25,000
ever heard at the highest

107
00:06:31,189 --> 00:06:28,479
level regarding the historical status of

108
00:06:33,510 --> 00:06:31,199
the UFO problem in the United States

109
00:06:38,029 --> 00:06:33,520
remember this is the advisor the science

110
00:06:45,830 --> 00:06:41,909
president second thing I have to

111
00:06:49,270 --> 00:06:45,840
mention is um when I joined this

112
00:06:51,550 --> 00:06:49,280
wonderful campus uh I I was hired to

113
00:06:54,830 --> 00:06:51,560

develop a generalized database system

114

00:06:57,990 --> 00:06:54,840

for the campus and medical school and I

115

00:07:00,670 --> 00:06:58,000

took the opportunity since I had the

116

00:07:05,790 --> 00:07:00,680

computer to implement catalogues of

117

00:07:12,629 --> 00:07:09,670

1973 and we developed a screen to

118

00:07:15,670 --> 00:07:12,639

separate the most interesting cases from

119

00:07:17,670 --> 00:07:15,680

those that were likely to be

120

00:07:20,589 --> 00:07:17,680

explainable which is the first thing you

121

00:07:23,790 --> 00:07:20,599

do in science you clean up the

122

00:07:27,510 --> 00:07:23,800

data um here by the way You' see some of

123

00:07:30,390 --> 00:07:27,520

the pioneers of this uh discipline uh

124

00:07:33,189 --> 00:07:30,400

from left to right Dr James Harder

125

00:07:35,510 --> 00:07:33,199

University of California Berkeley Dr

126

00:07:40,909 --> 00:07:35,520

Richard Haynes of

127

00:07:43,990 --> 00:07:40,919

NASA Mr Brad Sparks an individual

128

00:07:48,710 --> 00:07:44,000

researcher uh myself with black

129

00:07:53,070 --> 00:07:48,720

hair um Dr Bruce makabe from the US Navy

130

00:07:57,869 --> 00:07:53,080

and uh Professor sturak who is still

131

00:08:00,110 --> 00:07:57,879

very much alive and lives here in in

132

00:08:04,589 --> 00:08:00,120

uh in pal

133

00:08:08,830 --> 00:08:04,599

Alto and he was again the first man who

134

00:08:13,230 --> 00:08:08,840

initiated UFO research at

135

00:08:16,589 --> 00:08:13,240

Stanford at the time the um French space

136

00:08:19,629 --> 00:08:16,599

agency the cnes which by the way is the

137

00:08:22,950 --> 00:08:19,639

third wealthiest space agency in the

138

00:08:25,270 --> 00:08:22,960

world they own the Kuru base in uh on

139

00:08:28,029 --> 00:08:25,280

the Equator so they are the only ones

140

00:08:30,589 --> 00:08:28,039

who can launch from the equator which is

141

00:08:33,230 --> 00:08:30,599

obviously a big advantage in launching

142

00:08:37,909 --> 00:08:33,240

satellites especially heavy satellites

143

00:08:41,469 --> 00:08:37,919

they launched the cap telescope from

144

00:08:45,630 --> 00:08:41,479

Kuru um so the cnes had had an interest

145

00:08:48,470 --> 00:08:45,640

in the same issue and they were talking

146

00:08:52,509 --> 00:08:48,480

about a useful sample after cleaning the

147

00:08:56,190 --> 00:08:52,519

data of uh 5% to 10% of the

148

00:09:00,269 --> 00:08:56,200

cases the remaining ones being explained

149

00:09:02,030 --> 00:09:00,279

are too poor in um in terms of

150

00:09:05,430 --> 00:09:02,040

information

151
00:09:09,110 --> 00:09:05,440
content as we all know thanks to thanks

152
00:09:12,470 --> 00:09:09,120
to the efforts of the cnes the

153
00:09:16,590 --> 00:09:12,480
percentage has now fallen to 2% of the

154
00:09:19,350 --> 00:09:16,600
data that's valuable data for

155
00:09:22,630 --> 00:09:19,360
scientists um after deeper analysis of

156
00:09:25,150 --> 00:09:22,640
exceptional Optical effects um

157
00:09:26,389 --> 00:09:25,160
observation errors and the influence of

158
00:09:29,269 --> 00:09:26,399
witness

159
00:09:30,389 --> 00:09:29,279
imagination back here in California our

160
00:09:35,430 --> 00:09:30,399
little

161
00:09:39,230 --> 00:09:35,440
group um included a a retired army

162
00:09:40,750 --> 00:09:39,240
officer about 1943 he told us he used to

163
00:09:44,350 --> 00:09:40,760

be in

164

00:09:45,829 --> 00:09:44,360

charge um of surveying and detecting

165

00:09:48,870 --> 00:09:45,839

German

166

00:09:53,430 --> 00:09:48,880

submarines along the northeast coast of

167

00:09:55,949 --> 00:09:53,440

the United States in the general area of

168

00:09:57,590 --> 00:09:55,959

Massachusetts his unit had studied the

169

00:10:00,670 --> 00:09:57,600

complexity of

170

00:10:03,790 --> 00:10:00,680

statistics and he strongly disagreed

171

00:10:07,230 --> 00:10:03,800

with us he strongly stated that

172

00:10:10,590 --> 00:10:07,240

ethologist had the problem

173

00:10:15,230 --> 00:10:10,600

backward in his position if 2% of the

174

00:10:18,310 --> 00:10:15,240

reported cases turned out to be German

175

00:10:22,069 --> 00:10:18,320

Subs the situation was very serious

176

00:10:25,670 --> 00:10:22,079

indeed for the United States therefore

177

00:10:28,350 --> 00:10:25,680

he encouraged me to apply to UFOs the

178

00:10:30,949 --> 00:10:28,360

same discipline that the Army had

179

00:10:34,829 --> 00:10:30,959

applied to the detection of enemy

180

00:10:37,670 --> 00:10:34,839

periscopes in the waves of the North

181

00:10:38,829 --> 00:10:37,680

Atlantic that changed a lot of things

182

00:10:42,110 --> 00:10:38,839

for

183

00:10:45,990 --> 00:10:42,120

me he told me something like this you're

184

00:10:49,350 --> 00:10:46,000

doing scientific research therefore if

185

00:10:50,389 --> 00:10:49,360

you have explained 98% of the reports

186

00:10:53,310 --> 00:10:50,399

you're

187

00:10:55,949 --> 00:10:53,320

happy um they all Co cost the same

188

00:10:58,710 --> 00:10:55,959

amount pretty much and you believe you

189

00:11:01,910 --> 00:10:58,720

solve the problem and if you remember

190

00:11:04,150 --> 00:11:01,920

from many years during Project Blue Book

191

00:11:06,870 --> 00:11:04,160

the Air Force was sending report to

192

00:11:10,870 --> 00:11:06,880

Congress saying again this year we have

193

00:11:14,470 --> 00:11:10,880

explained all but 2% of all the reports

194

00:11:16,550 --> 00:11:14,480

coming from the American people and

195

00:11:20,150 --> 00:11:16,560

everybody applauded and everybody went

196

00:11:26,230 --> 00:11:24,110

else he said my own job was Intelligence

197

00:11:30,509 --> 00:11:26,240

my problem was exactly the reverse of

198

00:11:33,430 --> 00:11:30,519

yours the 98% EXP cleanable cases have

199

00:11:37,710 --> 00:11:33,440

probably been given to me by the

200

00:11:44,350 --> 00:11:41,790

same the remaining 2% could kill me and

201
00:11:47,590 --> 00:11:44,360
they will cost a lot

202
00:11:50,430 --> 00:11:47,600
more and detecting them you know is

203
00:11:53,430 --> 00:11:50,440
going to be difficult that's where we

204
00:11:55,750 --> 00:11:53,440
are I never forgot that

205
00:11:58,829 --> 00:11:55,760
lesson When government services

206
00:12:00,590 --> 00:11:58,839
announced today that the great majority

207
00:12:05,150 --> 00:12:00,600
of of the reports are

208
00:12:07,590 --> 00:12:05,160
explained as we saw recently from before

209
00:12:09,790 --> 00:12:07,600
Congress that simply means for an

210
00:12:14,670 --> 00:12:09,800
information guy like

211
00:12:17,230 --> 00:12:14,680
me that the input is very poorly

212
00:12:20,430 --> 00:12:17,240
controlled what's important is the

213
00:12:30,430 --> 00:12:25,710

2% my third thing I need to get

214

00:12:33,870 --> 00:12:30,440

into is this in the day when Madame

215

00:12:37,350 --> 00:12:33,880

curri was trying to characterize the

216

00:12:39,509 --> 00:12:37,360

Unexplained radiation sources within

217

00:12:41,509 --> 00:12:39,519

pitch blend which is a completely

218

00:12:44,590 --> 00:12:41,519

uninteresting

219

00:12:47,910 --> 00:12:44,600

material she only obtained one tenth of

220

00:12:51,389 --> 00:12:47,920

a gram of radium chloride for several

221

00:12:55,110 --> 00:12:51,399

tons of raw material

222

00:12:57,590 --> 00:12:55,120

tons the 10th of gr became her second

223

00:13:00,230 --> 00:12:57,600

novel

224

00:13:03,430 --> 00:13:00,240

prize this scientific and strategic

225

00:13:05,829 --> 00:13:03,440

issue posed by UFOs cannot be left

226

00:13:08,150 --> 00:13:05,839

unanswered

227

00:13:10,990 --> 00:13:08,160

indefinitely not only are ordinary

228

00:13:14,189 --> 00:13:11,000

citizens reporting personal observations

229

00:13:17,110 --> 00:13:14,199

with increasingly precise

230

00:13:20,710 --> 00:13:17,120

parameters but since the last few years

231

00:13:21,790 --> 00:13:20,720

defense Services have been equipped with

232

00:13:24,629 --> 00:13:21,800

modern

233

00:13:29,350 --> 00:13:24,639

systems that enable correlations as we

234

00:13:32,790 --> 00:13:29,360

saw before between space the atmosphere

235

00:13:36,790 --> 00:13:32,800

and the surface of our planet that

236

00:13:42,150 --> 00:13:39,470

situation it's no longer possible to

237

00:13:45,350 --> 00:13:42,160

speculate about hypothetical

238

00:13:47,230 --> 00:13:45,360

Illusions errors or

239

00:13:50,990 --> 00:13:47,240
hallucinations back in France the

240

00:13:54,189 --> 00:13:51,000
services of the cnes um can now

241

00:13:57,230 --> 00:13:54,199
correlate witness observations with

242

00:13:58,990 --> 00:13:57,240
precise weather measurements at the time

243

00:14:01,910 --> 00:13:59,000
data from the military space space

244

00:14:05,470 --> 00:14:01,920
observations and and local

245

00:14:08,150 --> 00:14:05,480
airports which are now equipped with air

246

00:14:09,509 --> 00:14:08,160
pretty interesting atmospheric

247

00:14:12,829 --> 00:14:09,519
monitoring

248

00:14:14,470 --> 00:14:12,839
system the same is true in the us as we

249

00:14:16,150 --> 00:14:14,480
saw in an impressive number of

250

00:14:19,030 --> 00:14:16,160
measurements by

251
00:14:20,509 --> 00:14:19,040
aircraft equipped with electronic and

252
00:14:24,550 --> 00:14:20,519
Optical

253
00:14:26,710 --> 00:14:24,560
detectors invisible and infrared light

254
00:14:31,350 --> 00:14:26,720
these observations lasted dozens of

255
00:14:35,710 --> 00:14:31,360
minutes and hours allowing very precise

256
00:14:43,310 --> 00:14:39,150
Gathering let me get to my last section

257
00:14:47,590 --> 00:14:43,320
and this the only one that has a a curve

258
00:14:49,629 --> 00:14:47,600
uh a graph so after all this is Stanford

259
00:14:53,269 --> 00:14:49,639
I have to have at least one graph you

260
00:14:55,949 --> 00:14:53,279
know after what Dr Nolan showed you know

261
00:14:59,509 --> 00:14:55,959
was kind of overwhelming so this is not

262
00:15:02,189 --> 00:14:59,519
overwhelming but it's interesting

263
00:15:06,829 --> 00:15:02,199

why is it uh that the phenomenon remains

264

00:15:10,590 --> 00:15:06,839

so mysterious 65 years for much of the

265

00:15:14,870 --> 00:15:10,600

public and even for the

266

00:15:16,990 --> 00:15:14,880

Pentagon um I'm I'm not breaching any

267

00:15:19,829 --> 00:15:17,000

security here but I'm pretty sure that

268

00:15:23,870 --> 00:15:19,839

the Pentagon has no idea what's really

269

00:15:26,269 --> 00:15:23,880

going on at the big at at the scale that

270

00:15:29,389 --> 00:15:26,279

we're addressing

271

00:15:32,470 --> 00:15:29,399

here um the answer Li in a very

272

00:15:35,030 --> 00:15:32,480

statistical effect that you can see here

273

00:15:37,990 --> 00:15:35,040

that's very often

274

00:15:40,230 --> 00:15:38,000

neglected um the graph can be read in

275

00:15:42,509 --> 00:15:40,240

the following way the probability that

276

00:15:46,030 --> 00:15:42,519

an observer will be

277

00:15:47,949 --> 00:15:46,040

motivated after to get to get a report

278

00:15:51,389 --> 00:15:47,959

somebody has to have a motivation to

279

00:15:53,110 --> 00:15:51,399

send a report to you okay we assume

280

00:15:54,949 --> 00:15:53,120

people will always do that because they

281

00:15:57,590 --> 00:15:54,959

want their name in the paper and so on

282

00:16:01,069 --> 00:15:57,600

that's not true and

283

00:16:05,910 --> 00:16:03,990

the the probability that the Observer is

284

00:16:09,069 --> 00:16:05,920

going to be motivated to send this

285

00:16:12,629 --> 00:16:09,079

report depends on the strangeness of the

286

00:16:15,230 --> 00:16:12,639

experience which is the horizontal scale

287

00:16:18,910 --> 00:16:15,240

here and this is somewhat arbitrary I

288

00:16:20,829 --> 00:16:18,920

mean admittedly I made it up but uh it's

289

00:16:23,949 --> 00:16:20,839

you know it will correlate with your

290

00:16:25,629 --> 00:16:23,959

data if you if you try you may have a

291

00:16:28,870 --> 00:16:25,639

different

292

00:16:32,269 --> 00:16:28,880

scale um the strangeness is defined a

293

00:16:34,749 --> 00:16:32,279

graph represented with two steep hills

294

00:16:36,629 --> 00:16:34,759

not one there isn't one distribution

295

00:16:39,069 --> 00:16:36,639

there are at least two

296

00:16:41,829 --> 00:16:39,079

distributions which is a mistake that

297

00:16:43,710 --> 00:16:41,839

we're making when we go testify before

298

00:16:45,949 --> 00:16:43,720

Congress there are two different

299

00:16:47,829 --> 00:16:45,959

distributions and they are very very

300

00:16:50,509 --> 00:16:47,839

very

301
00:16:52,670 --> 00:16:50,519
different in strangeness category one

302
00:16:53,790 --> 00:16:52,680
the witness may have observed an unusual

303
00:16:57,069 --> 00:16:53,800
light in the

304
00:17:00,629 --> 00:16:57,079
sky or at at a ground level which

305
00:17:04,069 --> 00:17:00,639
behaved in some curious way it's

306
00:17:06,350 --> 00:17:04,079
unlikely they would call authorities but

307
00:17:08,789 --> 00:17:06,360
the sighting may become known especially

308
00:17:11,630 --> 00:17:08,799
very is an unusual physiological

309
00:17:13,829 --> 00:17:11,640
reaction at the same time or some other

310
00:17:17,309 --> 00:17:13,839
incident you would find those in the

311
00:17:20,029 --> 00:17:17,319
files of the Air Force uh which I spent

312
00:17:22,189 --> 00:17:20,039
four years going through one by

313
00:17:25,110 --> 00:17:22,199

one in the old

314

00:17:27,510 --> 00:17:25,120

days uh in Stranges category two the

315

00:17:29,510 --> 00:17:27,520

object is better defined like a luminous

316

00:17:32,070 --> 00:17:29,520

body

317

00:17:34,470 --> 00:17:32,080

with complex shapes or

318

00:17:37,270 --> 00:17:34,480

displacement uh We've mentioned some of

319

00:17:39,950 --> 00:17:37,280

them you know this morning or a sphere

320

00:17:40,950 --> 00:17:39,960

in the sky that appears to fly Against

321

00:17:44,710 --> 00:17:40,960

the

322

00:17:47,190 --> 00:17:44,720

Wind um sometimes it's a definite silent

323

00:17:49,549 --> 00:17:47,200

steady light that was extinguished

324

00:17:51,270 --> 00:17:49,559

suddenly and therefore couldn't have

325

00:17:55,190 --> 00:17:51,280

been an artificial

326

00:17:58,430 --> 00:17:55,200

satellite well um those cases go to

327

00:18:00,909 --> 00:17:58,440

official organizations that are trusted

328

00:18:04,510 --> 00:18:00,919

I've assumed that maybe three people out

329

00:18:07,270 --> 00:18:04,520

of 10 would report something if it was

330

00:18:09,990 --> 00:18:07,280

in some ways touching them

331

00:18:14,029 --> 00:18:10,000

personally for for example if they had

332

00:18:16,710 --> 00:18:14,039

some reaction to it uh in my early days

333

00:18:20,230 --> 00:18:16,720

at Paris Observatory we were responsible

334

00:18:22,909 --> 00:18:20,240

as public servants for answering and

335

00:18:27,149 --> 00:18:22,919

trying to explain reports that the

336

00:18:28,870 --> 00:18:27,159

French people were sending us um and we

337

00:18:30,310 --> 00:18:28,880

had to do that because artificial

338

00:18:33,430 --> 00:18:30,320

satellites were going to be very

339

00:18:36,149 --> 00:18:33,440

important and there was a a tremendous

340

00:18:39,390 --> 00:18:36,159

education program to do with the

341

00:18:41,710 --> 00:18:39,400

population many people thought it was uh

342

00:18:43,310 --> 00:18:41,720

uh Soviet propaganda and there was no

343

00:18:45,270 --> 00:18:43,320

such thing me you look at the sky you

344

00:18:47,710 --> 00:18:45,280

don't see a

345

00:18:52,750 --> 00:18:47,720

satellite most of the

346

00:18:54,310 --> 00:18:52,760

time um so we uh we were assigned during

347

00:18:55,909 --> 00:18:54,320

the day during the night we would

348

00:19:00,990 --> 00:18:55,919

observe and during the day we would

349

00:19:06,029 --> 00:19:01,000

answer letters from people uh um and

350

00:19:08,070 --> 00:19:06,039

um uh some of those remained unexplained

351

00:19:10,310 --> 00:19:08,080

the the satellite that dis disappears

352

00:19:13,390 --> 00:19:10,320

right in the middle of the sky is simply

353

00:19:17,110 --> 00:19:13,400

because it went into the the the shade

354

00:19:18,710 --> 00:19:17,120

of the earth know the cone of of the

355

00:19:20,909 --> 00:19:18,720

shade of the earth people don't know

356

00:19:24,710 --> 00:19:20,919

that so they see a light that goes like

357

00:19:27,110 --> 00:19:24,720

this and po it disappears which seems

358

00:19:29,310 --> 00:19:27,120

mysterious uh those things are

359

00:19:32,070 --> 00:19:29,320

explainable and people are very grateful

360

00:19:35,990 --> 00:19:32,080

when you explain

361

00:19:38,750 --> 00:19:36,000

that um Everything Changes in category

362

00:19:40,590 --> 00:19:38,760

three the motivation is urgent people

363

00:19:43,870 --> 00:19:40,600

will call the Air Force they will call

364

00:19:45,990 --> 00:19:43,880

the army they will call the the police

365

00:19:49,270 --> 00:19:46,000

uh like an orange Globe has followed

366

00:19:51,750 --> 00:19:49,280

your car on some isolated Road a

367

00:19:54,669 --> 00:19:51,760

luminous object like an airplane on fire

368

00:19:56,470 --> 00:19:54,679

seems to have crashed behind the next

369

00:20:00,830 --> 00:19:56,480

Hill

370

00:20:04,430 --> 00:20:00,840

um the life has been diving on an

371

00:20:07,310 --> 00:20:04,440

isolated car and the engine died at the

372

00:20:11,190 --> 00:20:07,320

same time a flotilla of Lights has

373

00:20:15,230 --> 00:20:11,200

slowly slowly crossed the sky leaving a

374

00:20:19,750 --> 00:20:15,240

trail or a flying cylinder With No Wings

375

00:20:24,270 --> 00:20:22,430

carrier the public is troubled by these

376

00:20:26,990 --> 00:20:24,280

observations so are the people on the

377

00:20:29,710 --> 00:20:27,000

aircraft carrier uh which don't have an

378

00:20:31,990 --> 00:20:29,720

immediate explanation

379

00:20:34,630 --> 00:20:32,000

we find them in police reports and in

380

00:20:37,149 --> 00:20:34,640

previous cases they may be explainable

381

00:20:39,789 --> 00:20:37,159

but they fill the official files and

382

00:20:43,390 --> 00:20:39,799

often end up in the records of concerned

383

00:20:48,390 --> 00:20:43,400

agency like the CNAs in France or a

384

00:20:50,909 --> 00:20:48,400

local Airbase in the US or now the

385

00:20:56,190 --> 00:20:50,919

Pentagon if any

386

00:20:58,830 --> 00:20:56,200

uh they some fall to civilian

387

00:21:01,630 --> 00:20:58,840

Services uh military unit on radar

388

00:21:05,310 --> 00:21:01,640

stations investigators review the data

389

00:21:08,270 --> 00:21:05,320

talk to Pilots talk to technical U

390

00:21:10,750 --> 00:21:08,280

organizations in the area so that's the

391

00:21:13,630 --> 00:21:10,760

Black Hill you see a report number one

392

00:21:17,390 --> 00:21:13,640

report number two report number three so

393

00:21:19,789 --> 00:21:17,400

on if an object overcomes a car and

394

00:21:23,029 --> 00:21:19,799

lands on the road ahead of

395

00:21:25,950 --> 00:21:23,039

you and then takes off again we're in

396

00:21:30,070 --> 00:21:25,960

strangeness category

397

00:21:32,830 --> 00:21:30,080

4 the report May not go to the Air Force

398

00:21:36,510 --> 00:21:32,840

it might go to the local police

399

00:21:39,510 --> 00:21:36,520

probably um and in many cases it goes to

400

00:21:43,630 --> 00:21:39,520

a local journalist you know or to an

401
00:21:45,149 --> 00:21:43,640
independent researcher or in most cases

402
00:21:47,669 --> 00:21:45,159
there is no

403
00:21:50,350 --> 00:21:47,679
report because you're afraid that people

404
00:21:52,669 --> 00:21:50,360
will make fun of you or the reputation

405
00:21:55,110 --> 00:21:52,679
of your company will be you know you

406
00:21:58,390 --> 00:21:55,120
would be surprised the number of CEOs

407
00:22:00,310 --> 00:21:58,400
within 10 months of Stanford um you know

408
00:22:02,830 --> 00:22:00,320
who know me as a venture capitalist have

409
00:22:05,830 --> 00:22:02,840
come to me to talk to me about something

410
00:22:09,310 --> 00:22:05,840
like this was never

411
00:22:12,269 --> 00:22:09,320
reported in strous Category 5 um

412
00:22:14,470 --> 00:22:12,279
everything becomes even more scary the

413
00:22:18,310 --> 00:22:14,480

probability of any official report is

414

00:22:20,230 --> 00:22:18,320

almost zero perhaps a creature has come

415

00:22:22,669 --> 00:22:20,240

out of the object that was in front of

416

00:22:25,430 --> 00:22:22,679

your car perhaps a witness is felt a

417

00:22:28,390 --> 00:22:25,440

form of communication with whatever it

418

00:22:31,990 --> 00:22:28,400

was or even a physiological reaction

419

00:22:34,669 --> 00:22:32,000

ction such as temporary paralysis we

420

00:22:37,870 --> 00:22:34,679

have many cases of that

421

00:22:40,350 --> 00:22:37,880

hundreds such cases have filled my files

422

00:22:43,190 --> 00:22:40,360

over the years and I don't need

423

00:22:45,310 --> 00:22:43,200

permission of Congress to study them I

424

00:22:48,029 --> 00:22:45,320

just call the guy and you know if I'm

425

00:22:50,029 --> 00:22:48,039

lucky gives me a cup of coffee and and

426

00:22:53,669 --> 00:22:50,039

we talk about his experience I mean

427

00:22:56,390 --> 00:22:53,679

there is no official

428

00:22:58,350 --> 00:22:56,400

anything experienced ethologist will

429

00:23:00,110 --> 00:22:58,360

tell you there's a category six six and

430

00:23:04,230 --> 00:23:00,120

a category

431

00:23:07,070 --> 00:23:04,240

seven the red curve again that are very

432

00:23:10,110 --> 00:23:07,080

seldom considered by the police the army

433

00:23:13,230 --> 00:23:10,120

or the serious news

434

00:23:16,310 --> 00:23:13,240

organizations uh because um they are

435

00:23:19,350 --> 00:23:16,320

weird and they're also high in number

436

00:23:22,510 --> 00:23:19,360

and rich in content no witness wants to

437

00:23:26,310 --> 00:23:22,520

be exposed as a crazy person by some

438

00:23:28,950 --> 00:23:26,320

scientist journalist or law officer yet

439

00:23:31,590 --> 00:23:28,960

these reports are often correlated to

440

00:23:35,310 --> 00:23:31,600

physical observations that are quite

441

00:23:37,870 --> 00:23:35,320

real category 7 one would place reports

442

00:23:40,710 --> 00:23:37,880

of what people have called deductions

443

00:23:43,590 --> 00:23:40,720

for lack of a better term and the

444

00:23:44,789 --> 00:23:43,600

probability of an official report is

445

00:23:48,070 --> 00:23:44,799

very

446

00:23:50,710 --> 00:23:48,080

low one is back to what sociologist

447

00:23:53,230 --> 00:23:50,720

Pierre Inrange in France has called the

448

00:23:55,950 --> 00:23:53,240

rumor there is a rumor about these

449

00:23:59,029 --> 00:23:55,960

things it's difficult to pinpoint

450

00:24:01,149 --> 00:23:59,039

specific cases

451
00:24:04,070 --> 00:24:01,159
and even that assumes that the

452
00:24:07,070 --> 00:24:04,080
unconscious mind has reported it to the

453
00:24:11,110 --> 00:24:10,110
mind and hypnosis is not going to get

454
00:24:14,870 --> 00:24:11,120
you

455
00:24:16,190 --> 00:24:14,880
there contrary to what my friends in

456
00:24:18,549 --> 00:24:16,200
euphology

457
00:24:21,029 --> 00:24:18,559
believe so there are two conclusions

458
00:24:22,630 --> 00:24:21,039
that can be drawn from our curve with

459
00:24:25,950 --> 00:24:22,640
the two

460
00:24:28,870 --> 00:24:25,960
hills a current analysis methods are

461
00:24:31,789 --> 00:24:28,880
insufficient even blind before most of

462
00:24:35,310 --> 00:24:31,799
the reports and those reports themselves

463
00:24:37,750 --> 00:24:35,320

derive from an unknown and large number

464

00:24:40,669 --> 00:24:37,760

of observations by the public because

465

00:24:43,549 --> 00:24:40,679

this is out of 10 observations and I've

466

00:24:47,430 --> 00:24:43,559

just estimated the height of the curve

467

00:24:51,470 --> 00:24:47,440

that is a report by military analysis

468

00:24:54,789 --> 00:24:51,480

are highly relevant they teach us a lot

469

00:24:56,750 --> 00:24:54,799

but only in a minority of sightings in

470

00:25:00,230 --> 00:24:56,760

the United

471

00:25:03,190 --> 00:25:00,240

States namely the classic cases

472

00:25:07,870 --> 00:25:03,200

available to very specialized equipment

473

00:25:10,909 --> 00:25:07,880

like aboard limits or the ship that

474

00:25:13,710 --> 00:25:10,919

followed the limits when we're told that

475

00:25:17,029 --> 00:25:13,720

2% or 3% of the cases remain un

476
00:25:19,029 --> 00:25:17,039
explained after serious study you must

477
00:25:20,830 --> 00:25:19,039
relate these figures to the estimated

478
00:25:23,269 --> 00:25:20,840
number of observations that were not

479
00:25:26,669 --> 00:25:23,279
reported and you have to ask why were

480
00:25:29,669 --> 00:25:26,679
they not reported how many are

481
00:25:32,230 --> 00:25:29,679
there

482
00:25:35,190 --> 00:25:32,240
the official services do work on an

483
00:25:37,830 --> 00:25:35,200
important sample but it's limited by

484
00:25:40,630 --> 00:25:37,840
severe selection parameters which

485
00:25:42,990 --> 00:25:40,640
restrict the scope of their conclusions

486
00:25:46,269 --> 00:25:43,000
a situation which is well understood by

487
00:25:48,990 --> 00:25:46,279
modern science in practice in medicine

488
00:25:52,310 --> 00:25:49,000

for example you would never release a

489

00:25:56,669 --> 00:25:52,320

new drug that had only been tested on a

490

00:26:00,630 --> 00:25:56,679

small statistical sample in one

491

00:26:03,510 --> 00:26:00,640

country I see a serious danger in any

492

00:26:05,070 --> 00:26:03,520

future response to the phenomenon based

493

00:26:08,990 --> 00:26:05,080

on media

494

00:26:12,269 --> 00:26:09,000

Revelations or on a social disclosure

495

00:26:14,430 --> 00:26:12,279

attempt there are many definitions of

496

00:26:17,149 --> 00:26:14,440

disclosure that would present it as a

497

00:26:19,909 --> 00:26:17,159

grave and present danger without due

498

00:26:22,870 --> 00:26:19,919

attention to the more subtle

499

00:26:26,350 --> 00:26:22,880

categories in our data

500

00:26:29,070 --> 00:26:26,360

space it it has to be a danger if you

501
00:26:31,350 --> 00:26:29,080
are looking for fun from the military I

502
00:26:33,510 --> 00:26:31,360
mean that's what they deal with if it's

503
00:26:36,510 --> 00:26:33,520
not dangerous they'll cut your funding

504
00:26:40,630 --> 00:26:36,520
which is which occasionally

505
00:26:43,190 --> 00:26:40,640
happens to us uh it is true that uh we

506
00:26:44,430 --> 00:26:43,200
suffer from almost a century of neglect

507
00:26:48,669 --> 00:26:44,440
and

508
00:26:51,750 --> 00:26:48,679
ignorance but this um will not be uh

509
00:26:55,909 --> 00:26:51,760
correlated by or corrected by

510
00:26:59,029 --> 00:26:55,919
overreacting to the present or potential

511
00:27:02,430 --> 00:26:59,039
danger that our own ignorance has

512
00:27:06,630 --> 00:27:02,440
created nor will it be corrected by

513
00:27:11,389 --> 00:27:06,640

simply dumping all the files into some

514

00:27:14,669 --> 00:27:11,399

AI engine uh my PhD is in AI 1968

515

00:27:16,630 --> 00:27:14,679

Northwestern uh AI has been along all

516

00:27:20,149 --> 00:27:16,640

all the time it's in factories it's in

517

00:27:22,830 --> 00:27:20,159

your car it's everywhere what the AI

518

00:27:27,310 --> 00:27:22,840

that people are talking about now is the

519

00:27:30,470 --> 00:27:27,320

latest the latest version uh of of AI

520

00:27:33,710 --> 00:27:30,480

which is which faces the

521

00:27:37,190 --> 00:27:33,720

public everything else works I

522

00:27:38,950 --> 00:27:37,200

mean uh but it doesn't work on files

523

00:27:40,269 --> 00:27:38,960

where you cannot even Define what the

524

00:27:44,549 --> 00:27:40,279

problem

525

00:27:47,990 --> 00:27:44,559

is we need to do we need to apply AI at

526

00:27:49,430 --> 00:27:48,000

the at the level where we have already

527

00:27:52,310 --> 00:27:49,440

done serious

528

00:27:54,630 --> 00:27:52,320

investigation with boots on the ground

529

00:27:58,029 --> 00:27:54,640

to clean up the

530

00:28:01,110 --> 00:27:58,039

sample the real solution lies in the

531

00:28:03,509 --> 00:28:01,120

more subtle data categories those we

532

00:28:08,149 --> 00:28:03,519

have neglected all along five six and

533

00:28:11,149 --> 00:28:08,159

seven and in the future um that's where

534

00:28:15,149 --> 00:28:11,159

I want to spend most of my

535

00:28:18,269 --> 00:28:15,159

time in conclusion uh trying to separate

536

00:28:22,029 --> 00:28:18,279

science from the evolution of society

537

00:28:24,590 --> 00:28:22,039

has always been a feudal

538

00:28:28,149 --> 00:28:24,600

exercise early in this presentation we

539

00:28:33,029 --> 00:28:28,159

noted that the probability of a UFO

540

00:28:35,669 --> 00:28:33,039

or UAP maybe report varied with

541

00:28:37,070 --> 00:28:35,679

strangeness it's highest when the case

542

00:28:39,909 --> 00:28:37,080

is clearly

543

00:28:42,310 --> 00:28:39,919

abnormal and observed under good

544

00:28:45,750 --> 00:28:42,320

conditions but doesn't threaten the

545

00:28:49,029 --> 00:28:45,760

witness's emotional stability in

546

00:28:52,149 --> 00:28:49,039

contrast the strange observations those

547

00:28:55,909 --> 00:28:52,159

of their Highest Potential scientific

548

00:28:59,149 --> 00:28:55,919

interest only reach official Services by

549

00:29:00,789 --> 00:28:59,159

accident and I are difficult to analyze

550

00:29:03,110 --> 00:29:00,799

and poorly

551
00:29:05,630 --> 00:29:03,120
socialized we don't have a good enough

552
00:29:08,269 --> 00:29:05,640
picture of their Global characteristics

553
00:29:10,630 --> 00:29:08,279
we know the us we know France you know

554
00:29:11,950 --> 00:29:10,640
what do we know about India what do we

555
00:29:14,149 --> 00:29:11,960
know about

556
00:29:16,470 --> 00:29:14,159
Afghanistan we don't have a good enough

557
00:29:19,269 --> 00:29:16,480
picture and we cannot obtain it by

558
00:29:20,630 --> 00:29:19,279
looking at the official records secret

559
00:29:23,750 --> 00:29:20,640
or

560
00:29:26,509 --> 00:29:23,760
not among concerned Services military

561
00:29:28,350 --> 00:29:26,519
authorities are in a position that is

562
00:29:32,509 --> 00:29:28,360
better defined

563
00:29:34,909 --> 00:29:32,519

but more isolated from the deeper social

564

00:29:37,870 --> 00:29:34,919

reality their equipment provides the

565

00:29:40,430 --> 00:29:37,880

best quality of technical data but it

566

00:29:44,029 --> 00:29:40,440

only addresses specific domains that

567

00:29:47,190 --> 00:29:44,039

don't reveal the global picture that we

568

00:29:49,149 --> 00:29:47,200

need in particular they treat any

569

00:29:52,789 --> 00:29:49,159

anomaly as a Potential

570

00:29:56,310 --> 00:29:52,799

Threat to be extinguished rather than an

571

00:29:58,830 --> 00:29:56,320

opportunity to be observed analyzed and

572

00:30:02,669 --> 00:29:58,840

recorded

573

00:30:06,389 --> 00:30:02,679

the Ron Corporation wrote a very

574

00:30:09,110 --> 00:30:06,399

interesting memo which was not classifi

575

00:30:12,230 --> 00:30:09,120

to the US Navy after the episode of the

576

00:30:16,509 --> 00:30:12,240

limits and I will paraphrase what they

577

00:30:18,909 --> 00:30:16,519

said they said do not ascribe to our

578

00:30:21,149 --> 00:30:18,919

infrared cameras what they what they

579

00:30:22,990 --> 00:30:21,159

cannot tell you everybody has assumed

580

00:30:26,430 --> 00:30:23,000

those were photographs those are not

581

00:30:30,029 --> 00:30:26,440

photographs those are a detection of a

582

00:30:32,350 --> 00:30:30,039

heat resp PS okay it's those are

583

00:30:34,669 --> 00:30:32,360

infrared cameras they are very large

584

00:30:38,070 --> 00:30:34,679

under the wing of the aircraft and they

585

00:30:40,870 --> 00:30:38,080

are they can track uh the

586

00:30:45,190 --> 00:30:40,880

target what you bought from us was a

587

00:30:48,509 --> 00:30:45,200

specific system that you asked for as to

588

00:30:50,950 --> 00:30:48,519

develop that records a heat signature of

589

00:30:52,149 --> 00:30:50,960

the engines of an enemy airplane you're

590

00:30:56,549 --> 00:30:52,159

going to

591

00:31:01,110 --> 00:30:56,559

attack we didn't sell you a UFO detector

592

00:31:07,789 --> 00:31:05,470

O the real danger lies in the lack of a

593

00:31:11,470 --> 00:31:07,799

wider research

594

00:31:15,710 --> 00:31:11,480

program one fun more fundamental and

595

00:31:20,310 --> 00:31:15,720

more accessible addressing the life

596

00:31:23,789 --> 00:31:20,320

sciences and social realities as well as

597

00:31:26,389 --> 00:31:23,799

physical performance and Military

598

00:31:29,950 --> 00:31:26,399

threats beyond the justifiable

599

00:31:33,629 --> 00:31:29,960

protection of of a few secret projects

600

00:31:36,950 --> 00:31:33,639

the time has come for major countries

601

00:31:41,260 --> 00:31:36,960

not just one to open the real files

602

00:31:56,149 --> 00:31:41,270

widely to the scientific Community thank