

WED AUG 11 **LIVE**
7:00 PM PT/10:00PM ET

DR. ROBERT M. SCHOCH
Forgotten Civilization

F2B
with Jimmy Church



1
00:03:59,990 --> 00:03:56,949

[Music]

2
00:04:02,869 --> 00:04:00,000

the smoke radio for the masses headline

3
00:04:04,789 --> 00:04:02,879

edition july 8th 1947

4
00:04:07,190 --> 00:04:04,799

the army air forces has announced that a

5
00:04:08,949 --> 00:04:07,200

flying bist has been found and is now in

6
00:04:11,670 --> 00:04:08,959

the possession of the army

7
00:04:13,589 --> 00:04:11,680

if the game is rigged change the game

8
00:04:16,469 --> 00:04:13,599

game changer

9
00:04:18,789 --> 00:04:16,479

i occasionally think how quickly

10
00:04:20,150 --> 00:04:18,799

our differences worldwide

11
00:04:22,870 --> 00:04:20,160

would vanish

12
00:04:26,230 --> 00:04:22,880

if we were facing an alien threat from

13
00:04:29,030 --> 00:04:26,240

outside this world

14

00:04:31,830 --> 00:04:29,040

[Applause]

15

00:04:34,550 --> 00:04:31,840

this is fade to black with your host

16

00:04:38,160 --> 00:04:34,560

jimmy church on the game changer radio

17

00:04:41,350 --> 00:04:38,170

network and kgra the global radio

18

00:04:43,590 --> 00:04:41,360

[Music]

19

00:04:46,660 --> 00:04:43,600

i need alliance help to get to the year

20

00:04:52,469 --> 00:04:50,469

[Music]

21

00:04:56,550 --> 00:04:52,479

you are listening to fate to black with

22

00:04:59,749 --> 00:04:56,560

jimmy judge on the game changer network

23

00:05:01,020 --> 00:04:59,759

well well well good evening

24

00:05:03,270 --> 00:05:01,030

fade to black

25

00:05:04,870 --> 00:05:03,280

[Music]

26

00:05:06,230 --> 00:05:04,880

bespoke radio

27

00:05:07,330 --> 00:05:06,240

[Music]

28

00:05:08,830 --> 00:05:07,340

for

29

00:05:10,790 --> 00:05:08,840

[Music]

30

00:05:11,500 --> 00:05:10,800

the

31

00:05:12,710 --> 00:05:11,510

masses

32

00:05:14,390 --> 00:05:12,720

[Music]

33

00:05:16,070 --> 00:05:14,400

uh yeah

34

00:05:19,749 --> 00:05:16,080

how you doing

35

00:05:23,590 --> 00:05:19,759

today is wednesday

36

00:05:24,390 --> 00:05:23,600

august 11 2021 224 days into the new

37

00:05:25,230 --> 00:05:24,400

year

38

00:05:27,710 --> 00:05:25,240

only

39

00:05:29,640 --> 00:05:27,720

141 days left

40

00:05:30,330 --> 00:05:29,650

[Music]

41

00:05:31,190 --> 00:05:30,340

[Applause]

42

00:05:34,230 --> 00:05:31,200

[Music]

43

00:05:36,469 --> 00:05:34,240

[Applause]

44

00:05:39,749 --> 00:05:36,479

we are live from a bunker somewhere in

45

00:05:44,310 --> 00:05:39,759

the middle of nowhere

46

00:05:46,310 --> 00:05:44,320

a total undisclosed location

47

00:05:47,850 --> 00:05:46,320

yeah

48

00:05:49,670 --> 00:05:47,860

but it is beautiful

49

00:05:53,670 --> 00:05:49,680

[Music]

50

00:05:55,029 --> 00:05:53,680

yeah man how you doing how are you doing

51
00:05:56,469 --> 00:05:55,039
i would like to welcome everybody

52
00:05:58,629 --> 00:05:56,479
listening all around the world all

53
00:06:00,629 --> 00:05:58,639
across the united states

54
00:06:02,870 --> 00:06:00,639
hither and tither to and fro back and

55
00:06:06,550 --> 00:06:02,880
forth up and down east and west north

56
00:06:08,870 --> 00:06:06,560
and south far and near

57
00:06:13,270 --> 00:06:08,880
this is fade to black for kjcr the game

58
00:06:16,469 --> 00:06:13,280
changer network and kgra the planets

59
00:06:18,790 --> 00:06:16,479
our murals jimmy church what is cracking

60
00:06:20,870 --> 00:06:18,800
everybody how you doing

61
00:06:22,790 --> 00:06:20,880
how

62
00:06:25,029 --> 00:06:22,800
all right

63
00:06:27,590 --> 00:06:25,039

big night tonight on the show a lot lots

64

00:06:30,790 --> 00:06:27,600

of things going on

65

00:06:35,029 --> 00:06:30,800

but uh the big news kids

66

00:06:36,790 --> 00:06:35,039

dr robert m shock

67

00:06:38,870 --> 00:06:36,800

best name ever

68

00:06:42,469 --> 00:06:38,880

i swear

69

00:06:45,670 --> 00:06:42,479

robert shock is with this old old friend

70

00:06:49,749 --> 00:06:45,680

of the show and such a great guy

71

00:06:52,469 --> 00:06:49,759

and uh he's coming by tonight and now

72

00:06:55,110 --> 00:06:52,479

his new book is out it is the revised

73

00:06:57,670 --> 00:06:55,120

and expanded edition of forgotten

74

00:06:58,870 --> 00:06:57,680

civilization i've got my own copy

75

00:07:02,070 --> 00:06:58,880

right here

76

00:07:04,309 --> 00:07:02,080

lots of uh updated uh pictures color

77

00:07:06,469 --> 00:07:04,319

it's uh it's a great book

78

00:07:09,589 --> 00:07:06,479

and uh so we're gonna be discussing that

79

00:07:12,710 --> 00:07:09,599

tonight and a whole lot more

80

00:07:14,710 --> 00:07:12,720

uh very excited always great uh we've

81

00:07:16,950 --> 00:07:14,720

done so many shows with robert over the

82

00:07:19,670 --> 00:07:16,960

years and it's just great when he stops

83

00:07:22,950 --> 00:07:19,680

by and it was funny because

84

00:07:25,110 --> 00:07:22,960

um i called him a little bit ago and uh

85

00:07:26,710 --> 00:07:25,120

picks up hi jimmy i said hey

86

00:07:33,430 --> 00:07:26,720

did you know

87

00:07:39,270 --> 00:07:36,629

he's the only geologist that i know and

88

00:07:40,230 --> 00:07:39,280

and not only you know how cool is that

89

00:07:45,670 --> 00:07:40,240

but

90

00:07:48,390 --> 00:07:45,680

his research rocking the boat

91

00:07:50,629 --> 00:07:48,400

and i've had so many seminal moments

92

00:07:51,990 --> 00:07:50,639

with robert over the years i mean just

93

00:07:54,950 --> 00:07:52,000

great moments

94

00:07:56,309 --> 00:07:54,960

and uh but i i remember and we were

95

00:07:58,550 --> 00:07:56,319

actually

96

00:08:00,309 --> 00:07:58,560

i was talking about this last week

97

00:08:02,629 --> 00:08:00,319

with a guest on the show i don't i don't

98

00:08:04,150 --> 00:08:02,639

remember who the guest was but maybe you

99

00:08:08,230 --> 00:08:04,160

guys remember

100

00:08:10,629 --> 00:08:08,240

and uh but there was a moment uh we were

101
00:08:12,710 --> 00:08:10,639
i was hosting a panel

102
00:08:14,309 --> 00:08:12,720
and we had a ton of people in front of

103
00:08:17,830 --> 00:08:14,319
us like 2 000

104
00:08:20,710 --> 00:08:17,840
2 000 people 2500 big big crowd

105
00:08:23,029 --> 00:08:20,720
and and i asked robert a question and i

106
00:08:27,110 --> 00:08:23,039
remember on this panel we had we had

107
00:08:31,270 --> 00:08:27,120
graham hancock and we had robert baval

108
00:08:33,029 --> 00:08:31,280
and and and robert and uh shock and i'm

109
00:08:35,029 --> 00:08:33,039
just trying to think

110
00:08:37,829 --> 00:08:35,039
of who was on this panel you know just

111
00:08:39,750 --> 00:08:37,839
it was an extraordinary panel but anyway

112
00:08:41,990 --> 00:08:39,760
so when robert speaks right and i

113
00:08:44,149 --> 00:08:42,000

remember as he started to say something

114

00:08:46,230 --> 00:08:44,159

as he started to answer but i watched

115

00:08:47,750 --> 00:08:46,240

graham lean in

116

00:08:50,870 --> 00:08:47,760

you know and he's he's listening to

117

00:08:53,430 --> 00:08:50,880

robert i watch beval like lean in

118

00:08:56,710 --> 00:08:53,440

and robert said these words he goes you

119

00:09:00,389 --> 00:08:56,720

know in academia

120

00:09:01,509 --> 00:09:00,399

you never say the a word

121

00:09:04,150 --> 00:09:01,519

and

122

00:09:06,949 --> 00:09:04,160

it was like

123

00:09:09,590 --> 00:09:06,959

and i immediately thought aliens and

124

00:09:11,670 --> 00:09:09,600

robert picked up on that he turns and i

125

00:09:13,350 --> 00:09:11,680

don't mean aliens

126
00:09:16,389 --> 00:09:13,360
i mean

127
00:09:20,949 --> 00:09:18,470
but i'm gonna do it tonight i'm gonna

128
00:09:23,750 --> 00:09:20,959
talk about it was just really funny and

129
00:09:24,870 --> 00:09:23,760
that is what he has always been to this

130
00:09:26,389 --> 00:09:24,880
community

131
00:09:28,790 --> 00:09:26,399
he uh

132
00:09:29,750 --> 00:09:28,800
he will take the chances but he will

133
00:09:32,630 --> 00:09:29,760
speak

134
00:09:34,949 --> 00:09:32,640
what he believes he does the research

135
00:09:37,030 --> 00:09:34,959
and he follows the research

136
00:09:39,590 --> 00:09:37,040
and that is one of the things that we

137
00:09:42,310 --> 00:09:39,600
can count on uh dr robert shock to do

138
00:09:44,230 --> 00:09:42,320

for us so tonight robert shock is here

139

00:09:46,070 --> 00:09:44,240

also tomorrow night is fader night with

140

00:09:47,350 --> 00:09:46,080

open lines all night long we're gonna do

141

00:09:50,470 --> 00:09:47,360

that also

142

00:09:52,230 --> 00:09:50,480

um going on right now

143

00:09:54,910 --> 00:09:52,240

there's a couple of things

144

00:09:57,750 --> 00:09:54,920

right now as i speak to you we are

145

00:10:00,710 --> 00:09:57,760

broadcasting from the paul hellyer

146

00:10:03,269 --> 00:10:00,720

auditorium over at the making contact

147

00:10:05,670 --> 00:10:03,279

campus doing a test run tonight to make

148

00:10:07,829 --> 00:10:05,680

sure that the technology works and i

149

00:10:10,870 --> 00:10:07,839

just got the text in and with a

150

00:10:13,590 --> 00:10:10,880

screenshot saying loud and clear

151

00:10:16,710 --> 00:10:13,600

the the auditorium is empty

152

00:10:21,990 --> 00:10:19,269

it's probably mark sims and and captain

153

00:10:24,790 --> 00:10:22,000

ron and maybe a few others but hello to

154

00:10:27,910 --> 00:10:24,800

everybody over there and i hope that it

155

00:10:30,470 --> 00:10:27,920

looks great and everything is perfect so

156

00:10:33,350 --> 00:10:30,480

we're doing a dry run because

157

00:10:35,750 --> 00:10:33,360

tomorrow night i want everybody to get

158

00:10:37,829 --> 00:10:35,760

signed up and if you've already signed

159

00:10:39,030 --> 00:10:37,839

up and and many of you fade or not

160

00:10:42,310 --> 00:10:39,040

already have

161

00:10:43,590 --> 00:10:42,320

you can go over tomorrow night

162

00:10:45,509 --> 00:10:43,600

uh to the

163

00:10:48,069 --> 00:10:45,519

making contact campus

164

00:10:49,829 --> 00:10:48,079

venture your way into the auditorium and

165

00:10:52,230 --> 00:10:49,839

we're going to do fader night uh

166

00:10:54,949 --> 00:10:52,240

tomorrow night live from there so get

167

00:10:57,030 --> 00:10:54,959

your get your avatar on

168

00:10:59,750 --> 00:10:57,040

and and head over to the campus tomorrow

169

00:11:01,190 --> 00:10:59,760

night and uh we will be doing another

170

00:11:02,949 --> 00:11:01,200

test run but tomorrow night's going to

171

00:11:05,190 --> 00:11:02,959

be more official because i'm going to

172

00:11:07,110 --> 00:11:05,200

announce it and tell everybody to get

173

00:11:09,750 --> 00:11:07,120

over there i didn't do that tonight

174

00:11:12,790 --> 00:11:09,760

because we're testing but it actually

175

00:11:15,269 --> 00:11:12,800

everything apparently is working hey ron

176

00:11:17,910 --> 00:11:15,279

uh hit me in text and say it's still

177

00:11:22,310 --> 00:11:19,590

got all that going okay so that's what's

178

00:11:25,829 --> 00:11:22,320

going on we have making contact that

179

00:11:28,710 --> 00:11:25,839

conference over at makingcontact.com

180

00:11:30,230 --> 00:11:28,720

promo code is jimmysave100 it's a

181

00:11:33,910 --> 00:11:30,240

five-day event

182

00:11:35,430 --> 00:11:33,920

okay so it's august 18th 19th 20th 21st

183

00:11:38,230 --> 00:11:35,440

22nd

184

00:11:41,910 --> 00:11:38,240

and uh i believe i'll be

185

00:11:44,630 --> 00:11:41,920

over there on saturday the 21st i'll

186

00:11:47,790 --> 00:11:44,640

confirm everything uh with all of you

187

00:11:50,150 --> 00:11:47,800

okay so uh that's what's going on

188

00:11:51,750 --> 00:11:50,160

makingcontact.com right after that in

189

00:11:56,629 --> 00:11:51,760

september

190

00:11:59,110 --> 00:11:56,639

event also

191

00:12:01,350 --> 00:11:59,120

with uh the conscious life expo we will

192

00:12:02,389 --> 00:12:01,360

be broadcasting our host this is in

193

00:12:05,269 --> 00:12:02,399

person

194

00:12:06,629 --> 00:12:05,279

be hosting from los angeles but we are

195

00:12:09,030 --> 00:12:06,639

also

196

00:12:11,190 --> 00:12:09,040

doing london at the same time so over at

197

00:12:13,590 --> 00:12:11,200

the hilton hotel in london

198

00:12:15,430 --> 00:12:13,600

is the conscious life expo going on over

199

00:12:18,069 --> 00:12:15,440

there so we wrap here

200

00:12:20,389 --> 00:12:18,079

hand things over to london where they

201
00:12:23,990 --> 00:12:20,399
continue to carry the torch

202
00:12:26,550 --> 00:12:24,000
and if you can't be live with us here in

203
00:12:28,870 --> 00:12:26,560
la which i i get that

204
00:12:30,710 --> 00:12:28,880
uh everything is going to be streaming

205
00:12:32,470 --> 00:12:30,720
and you can do that as well and if

206
00:12:35,350 --> 00:12:32,480
you're over in london listening to me

207
00:12:38,629 --> 00:12:35,360
right now get your stream on and you can

208
00:12:41,990 --> 00:12:38,639
watch us over in the united states here

209
00:12:43,150 --> 00:12:42,000
in los angeles california all of that is

210
00:12:44,790 --> 00:12:43,160
over at

211
00:12:47,430 --> 00:12:44,800
consciouslifeexpo.com for your tickets

212
00:12:49,750 --> 00:12:47,440
and info and the promo code for that is

213
00:12:51,670 --> 00:12:49,760

simply jimmy and you can get your

214

00:12:55,910 --> 00:12:51,680

discounts and get your tickets okay so

215

00:12:58,790 --> 00:12:55,920

we've got a busy year uh uh year end

216

00:13:02,190 --> 00:12:58,800

coming up because after that in november

217

00:13:04,069 --> 00:13:02,200

is star works and you can go to

218

00:13:06,389 --> 00:13:04,079

starworksusa.com for your tickets and

219

00:13:11,030 --> 00:13:06,399

info for that that is at the aquarius

220

00:13:13,350 --> 00:13:11,040

hotel and casino in laughlin nevada okay

221

00:13:16,230 --> 00:13:13,360

follow me on twitter at j church radio

222

00:13:19,509 --> 00:13:16,240

the sandbox of course is hashtag f2b

223

00:13:20,389 --> 00:13:19,519

you can go hang out over there in

224

00:13:22,710 --> 00:13:20,399

youtube

225

00:13:25,590 --> 00:13:22,720

i'm just jumping over

226

00:13:27,990 --> 00:13:25,600

jimmy does

227

00:13:29,040 --> 00:13:28,000

i i don't know what that means

228

00:13:30,949 --> 00:13:29,050

but uh

229

00:13:33,269 --> 00:13:30,959

[Laughter]

230

00:13:35,590 --> 00:13:33,279

yeah i wish i could uh host london that

231

00:13:37,350 --> 00:13:35,600

would be really really cool so anyway

232

00:13:39,829 --> 00:13:37,360

just jumped over to youtube all right

233

00:13:41,910 --> 00:13:39,839

welcome everybody let's get straight to

234

00:13:44,230 --> 00:13:41,920

the breaking news i got a crazy breaking

235

00:13:47,189 --> 00:13:44,240

news day today

236

00:13:49,350 --> 00:13:47,199

and i'm going to start with russia

237

00:13:51,670 --> 00:13:49,360

there are two types of fires raging

238

00:13:53,509 --> 00:13:51,680

across siberia as i speak to you the

239

00:13:55,910 --> 00:13:53,519

kind that they are fighting

240

00:13:59,269 --> 00:13:55,920

and the others that they are just

241

00:14:01,990 --> 00:13:59,279

allowing to burn that's because siberia

242

00:14:03,430 --> 00:14:02,000

is so vast that huge fires together are

243

00:14:06,230 --> 00:14:03,440

larger than

244

00:14:08,389 --> 00:14:06,240

the fires in greece turkey italy the

245

00:14:09,990 --> 00:14:08,399

united states and canada

246

00:14:12,389 --> 00:14:10,000

combined

247

00:14:14,870 --> 00:14:12,399

russia is fighting more than 190 forest

248

00:14:18,069 --> 00:14:14,880

fires that have forced widespread

249

00:14:20,949 --> 00:14:18,079

evacuations and is sending smoke

250

00:14:22,629 --> 00:14:20,959

up to the north pole

251
00:14:25,269 --> 00:14:22,639
it's absolutely incredible what they're

252
00:14:26,230 --> 00:14:25,279
dealing with over there now there is a

253
00:14:33,350 --> 00:14:26,240
star

254
00:14:36,389 --> 00:14:33,360
lp 40-365

255
00:14:39,590 --> 00:14:36,399
this star lp 4365

256
00:14:41,269 --> 00:14:39,600
is streaking against the grain here in

257
00:14:43,509 --> 00:14:41,279
our milky way

258
00:14:44,710 --> 00:14:43,519
that's right it's going backwards

259
00:14:47,030 --> 00:14:44,720
across

260
00:14:49,829 --> 00:14:47,040
and out and exiting

261
00:14:51,750 --> 00:14:49,839
our milky way at

262
00:14:52,949 --> 00:14:51,760
wait for it

263
00:14:56,069 --> 00:14:52,959

2

264

00:14:58,389 --> 00:14:56,079

million miles per hour

265

00:14:59,750 --> 00:14:58,399

that's right the star moves so quickly

266

00:15:03,509 --> 00:14:59,760

that it's head of

267

00:15:05,350 --> 00:15:03,519

headed out of our galaxy for good

268

00:15:07,750 --> 00:15:05,360

it's not coming back

269

00:15:10,629 --> 00:15:07,760

which astronomers have uh taken as

270

00:15:11,430 --> 00:15:10,639

evidence that the metallic explorer now

271

00:15:14,790 --> 00:15:11,440

most

272

00:15:17,269 --> 00:15:14,800

like our sun helium hydrogen core this

273

00:15:19,829 --> 00:15:17,279

is a metallic star

274

00:15:21,350 --> 00:15:19,839

and it was launched by a cosmic

275

00:15:22,949 --> 00:15:21,360

catastrophe

276

00:15:25,110 --> 00:15:22,959

blasted out

277

00:15:26,710 --> 00:15:25,120

by a supernova

278

00:15:30,150 --> 00:15:26,720

it's absolutely incredible they're

279

00:15:32,710 --> 00:15:30,160

tracking it now but it will soon be gone

280

00:15:35,430 --> 00:15:32,720

now announced today accenture

281

00:15:38,870 --> 00:15:35,440

the global consulting firm

282

00:15:41,670 --> 00:15:38,880

has been hit by the lock bit ransomware

283

00:15:43,030 --> 00:15:41,680

gang according to cyber criminal groups

284

00:15:45,110 --> 00:15:43,040

website

285

00:15:47,110 --> 00:15:45,120

accenture's encrypted files will be

286

00:15:48,710 --> 00:15:47,120

published by the group

287

00:15:50,069 --> 00:15:48,720

on the dark web

288

00:15:52,949 --> 00:15:50,079

today

289

00:15:54,870 --> 00:15:52,959

unless the company pays up a ransom and

290

00:15:57,350 --> 00:15:54,880

all of this according to

291

00:15:58,870 --> 00:15:57,360

lock bit the criminal enterprise now

292

00:16:01,189 --> 00:15:58,880

accenture

293

00:16:03,350 --> 00:16:01,199

immediatly contained the matter and

294

00:16:05,749 --> 00:16:03,360

isolated the affected servers and fully

295

00:16:08,550 --> 00:16:05,759

restored effective systems from their

296

00:16:11,749 --> 00:16:08,560

backups there was no impact on

297

00:16:13,590 --> 00:16:11,759

accenture's operations or their clients

298

00:16:16,550 --> 00:16:13,600

systems

299

00:16:18,550 --> 00:16:16,560

lock bit is kind of bummed

300

00:16:21,509 --> 00:16:18,560

now also i'm going to talk more about

301
00:16:23,949 --> 00:16:21,519
this in just a minute because hackers

302
00:16:27,430 --> 00:16:23,959
have stolen

303
00:16:30,629 --> 00:16:27,440
600 million dollars in cryptocurrency

304
00:16:32,629 --> 00:16:30,639
from the decentralized finance platform

305
00:16:35,509 --> 00:16:32,639
poly network

306
00:16:37,749 --> 00:16:35,519
again i'll say it

307
00:16:39,430 --> 00:16:37,759
600

308
00:16:42,389 --> 00:16:39,440
million dollars

309
00:16:44,629 --> 00:16:42,399
now following the hack poly network

310
00:16:46,949 --> 00:16:44,639
established several addresses to which

311
00:16:48,870 --> 00:16:46,959
it said the attacker could return the

312
00:16:51,030 --> 00:16:48,880
money they wanted the money back they

313
00:16:52,949 --> 00:16:51,040

were saying hey you're stealing from

314

00:16:54,470 --> 00:16:52,959

people like you

315

00:16:58,470 --> 00:16:54,480

these are people that are promoting

316

00:17:01,189 --> 00:16:58,480

cryptocurrency and and helping the world

317

00:17:06,069 --> 00:17:01,199

now it appears that the hacker is now

318

00:17:08,069 --> 00:17:06,079

cooperating as of 7 47 a.m this morning

319

00:17:10,309 --> 00:17:08,079

eastern standard time

320

00:17:14,789 --> 00:17:10,319

poly network said that it had received

321

00:17:17,189 --> 00:17:14,799

about 4.7 million dollars back

322

00:17:20,230 --> 00:17:17,199

now it was not immediately clear who was

323

00:17:21,990 --> 00:17:20,240

behind the hack but by noon today much

324

00:17:23,549 --> 00:17:22,000

more money much

325

00:17:26,390 --> 00:17:23,559

more money about

326

00:17:28,390 --> 00:17:26,400

261 million dollars

327

00:17:30,390 --> 00:17:28,400

had been returned

328

00:17:33,350 --> 00:17:30,400

once the hack had gained the world's

329

00:17:35,590 --> 00:17:33,360

attention today there was virtually no

330

00:17:38,950 --> 00:17:35,600

way for the hacker to safely withdraw

331

00:17:43,029 --> 00:17:38,960

the funds because every transaction

332

00:17:46,630 --> 00:17:43,039

is recorded and traceable the funds are

333

00:17:48,070 --> 00:17:46,640

sitting frozen in a blacklisted private

334

00:17:49,750 --> 00:17:48,080

wallet

335

00:17:52,950 --> 00:17:49,760

absolutely incredible let's get this

336

00:17:54,630 --> 00:17:52,960

show cracking happy birthday to today

337

00:17:57,669 --> 00:17:54,640

all right ladies

338

00:18:01,830 --> 00:17:57,679

chris hemsworth

339

00:18:04,150 --> 00:18:01,840

yeah he's thor

340

00:18:05,430 --> 00:18:04,160

joe rogan

341

00:18:08,710 --> 00:18:05,440

today

342

00:18:12,549 --> 00:18:08,720

is 54. steve wozniak the man who changed

343

00:18:14,630 --> 00:18:12,559

the world today is 71. eric carmen one

344

00:18:17,510 --> 00:18:14,640

of my favorite singers of all time today

345

00:18:20,470 --> 00:18:17,520

is 72 the raspberries right go all the

346

00:18:22,630 --> 00:18:20,480

way and i watched every video version of

347

00:18:25,190 --> 00:18:22,640

that song today that i could find and

348

00:18:30,150 --> 00:18:25,200

also of course solo

349

00:18:33,430 --> 00:18:30,160

the huge hit all by myself joe jackson

350

00:18:36,070 --> 00:18:33,440

joe jackson today is 67 is she really

351

00:18:37,990 --> 00:18:36,080

going out with him i love that song

352

00:18:41,029 --> 00:18:38,000

stepping out huh

353

00:18:42,710 --> 00:18:41,039

today joe jackson is 67 and also this is

354

00:18:46,390 --> 00:18:42,720

for mark from dallas

355

00:18:47,909 --> 00:18:46,400

charlie sexton today is 53

356

00:18:50,710 --> 00:18:47,919

and of course you need to go check out

357

00:18:53,029 --> 00:18:50,720

his band those phenomenal archangels our

358

00:18:56,270 --> 00:18:53,039

dead guy's birthday today is

359

00:18:59,590 --> 00:18:56,280

stan kessler stan kessler

360

00:19:01,270 --> 00:18:59,600

1928-2020 died at the age of 92.

361

00:19:03,430 --> 00:19:01,280

stan was a record producer and a

362

00:19:06,470 --> 00:19:03,440

songwriter whose career began at sun

363

00:19:09,190 --> 00:19:06,480

studios in memphis he co-wrote several

364

00:19:11,590 --> 00:19:09,200

of elvis presley's early recordings and

365

00:19:14,630 --> 00:19:11,600

play guitar and based on hit records by

366

00:19:17,510 --> 00:19:14,640

carl perkins and jerry lee lewis

367

00:19:19,270 --> 00:19:17,520

as a producer his successful records

368

00:19:23,110 --> 00:19:19,280

included are you ready

369

00:19:24,950 --> 00:19:23,120

wooly bully by sam sham and the pharaohs

370

00:19:27,669 --> 00:19:24,960

he retired from the music industry in

371

00:19:29,430 --> 00:19:27,679

the early 1990s and lived in bartlett

372

00:19:32,390 --> 00:19:29,440

tennessee i

373

00:19:35,750 --> 00:19:32,400

lived in bartlett tennessee he died on

374

00:19:39,350 --> 00:19:35,760

october 26 2020 from bone cancer

375

00:19:40,789 --> 00:19:39,360

stan was 92 years old on this day in

376

00:19:44,070 --> 00:19:40,799

history

377

00:19:46,549 --> 00:19:44,080

in 1984 it went down

378

00:19:48,310 --> 00:19:46,559

when president reagan jokes about

379

00:19:50,230 --> 00:19:48,320

bombing russia

380

00:19:53,190 --> 00:19:50,240

on a hot mic

381

00:19:55,110 --> 00:19:53,200

that's right he did

382

00:19:58,150 --> 00:19:55,120

saying and i quote

383

00:20:00,710 --> 00:19:58,160

my fellow americans i am pleased to tell

384

00:20:03,830 --> 00:20:00,720

you today that i've signed legislation

385

00:20:07,510 --> 00:20:03,840

that will outlaw russia forever

386

00:20:09,750 --> 00:20:07,520

we begin bombing in five minutes end

387

00:20:12,950 --> 00:20:09,760

quote

388

00:20:19,430 --> 00:20:12,960

you gotta love ronald it's amazing all

389

00:20:24,630 --> 00:20:22,789

eight percent of americans believe

390

00:20:27,270 --> 00:20:24,640

if needed

391

00:20:30,549 --> 00:20:27,280

they could take down an elephant

392

00:20:34,470 --> 00:20:30,559

in an unarmed fight

393

00:20:35,830 --> 00:20:34,480

this was published in a yougov poll

394

00:20:39,750 --> 00:20:35,840

this year

395

00:20:42,710 --> 00:20:39,760

in may of 2021

396

00:20:45,430 --> 00:20:42,720

the same eight percent also think

397

00:20:48,310 --> 00:20:45,440

they could take out a gorilla

398

00:20:51,510 --> 00:20:48,320

they could take out a grizzly bear and

399

00:20:53,029 --> 00:20:51,520

they could take out a lion

400

00:20:53,990 --> 00:20:53,039

crazy americans

401
00:20:56,549 --> 00:20:54,000
tonight

402
00:20:57,750 --> 00:20:56,559
very special guest robert m shock is

403
00:21:01,669 --> 00:20:57,760
here we're going to be talking about his

404
00:21:05,110 --> 00:21:01,679
new book it has just released the

405
00:21:06,710 --> 00:21:05,120
updated revised edition of forgotten

406
00:21:09,430 --> 00:21:06,720
civilization tomorrow night is fader

407
00:21:11,029 --> 00:21:09,440
night with open lines all night long and

408
00:21:13,750 --> 00:21:11,039
we're going to be broadcasting from the

409
00:21:16,630 --> 00:21:13,760
making contact

410
00:21:19,830 --> 00:21:16,640
yeah okay we're still good

411
00:21:20,870 --> 00:21:19,840
the making contact campus at the paul

412
00:21:22,710 --> 00:21:20,880
hellyer

413
00:21:24,149 --> 00:21:22,720

auditorium all right that's going down

414

00:21:26,310 --> 00:21:24,159

tomorrow night oh we're going to be

415

00:21:27,669 --> 00:21:26,320

doing it from here i'm saying if you've

416

00:21:29,430 --> 00:21:27,679

signed up for the making contact

417

00:21:30,789 --> 00:21:29,440

conference and you've got your avatar

418

00:21:32,950 --> 00:21:30,799

and if you haven't signed up yet you

419

00:21:34,470 --> 00:21:32,960

need to go and get signed up the promo

420

00:21:37,590 --> 00:21:34,480

code is jimmy

421

00:21:40,630 --> 00:21:37,600

save 100 all uppercase all right save

422

00:21:43,110 --> 00:21:40,640

100 bucks right go get register get your

423

00:21:45,270 --> 00:21:43,120

avatar ready and come and check out

424

00:21:48,390 --> 00:21:45,280

fader night from the paul hellyer

425

00:21:55,190 --> 00:21:48,400

auditorium all right

426
00:22:02,789 --> 00:21:56,830
it's hot

427
00:22:06,549 --> 00:22:04,710
right you know what i'm talking about

428
00:22:08,950 --> 00:22:06,559
that's that's that's that's the way i do

429
00:22:11,110 --> 00:22:08,960
my coffee you really could pick eric

430
00:22:13,510 --> 00:22:11,120
stitt thank you for that my friend

431
00:22:16,470 --> 00:22:13,520
all right

432
00:22:23,110 --> 00:22:16,480
sometimes

433
00:22:25,510 --> 00:22:23,120
we have to

434
00:22:27,590 --> 00:22:25,520
and i'm the guy to do it

435
00:22:30,390 --> 00:22:27,600
so today

436
00:22:31,430 --> 00:22:30,400
i'm gonna circle back and talk to you

437
00:22:33,669 --> 00:22:31,440
about

438
00:22:35,909 --> 00:22:33,679

entropy

439

00:22:38,149 --> 00:22:35,919

not the physics version

440

00:22:40,630 --> 00:22:38,159

although it's complex and can be filled

441

00:22:42,310 --> 00:22:40,640

with a lot of gobbly [h__h] and math now

442

00:22:44,230 --> 00:22:42,320

i'm not going to talk about that you

443

00:22:46,590 --> 00:22:44,240

know that that version with the second

444

00:22:49,750 --> 00:22:46,600

law of thermodynamics disorder and the

445

00:22:52,630 --> 00:22:49,760

unavailability of energy

446

00:22:54,630 --> 00:22:52,640

you know that's that's still entropy

447

00:22:56,070 --> 00:22:54,640

no i'm going to talk to you about the

448

00:22:58,470 --> 00:22:56,080

entropy

449

00:23:01,110 --> 00:22:58,480

in our world

450

00:23:03,350 --> 00:23:01,120

your world

451
00:23:04,710 --> 00:23:03,360
and any physicist will tell you that

452
00:23:07,990 --> 00:23:04,720
actually

453
00:23:12,070 --> 00:23:08,000
they are one in the same

454
00:23:16,149 --> 00:23:12,080
what is entropy in your world

455
00:23:20,830 --> 00:23:18,470
picture this

456
00:23:22,549 --> 00:23:20,840
a child's

457
00:23:25,350 --> 00:23:22,559
bedroom

458
00:23:26,870 --> 00:23:25,360
nice and neat the day you move into the

459
00:23:28,870 --> 00:23:26,880
house

460
00:23:33,350 --> 00:23:28,880
but eventually

461
00:23:38,789 --> 00:23:34,830
you clean it

462
00:23:39,990 --> 00:23:38,799
up and back to a disaster area

463
00:23:41,750 --> 00:23:40,000

that's

464

00:23:45,029 --> 00:23:41,760

entropy

465

00:23:46,789 --> 00:23:45,039

everything starts out simple

466

00:23:49,350 --> 00:23:46,799

and it ends

467

00:23:51,750 --> 00:23:49,360

very badly

468

00:23:53,350 --> 00:23:51,760

that's entropy put that in your mind

469

00:23:55,110 --> 00:23:53,360

doesn't matter what it is you start a

470

00:23:56,549 --> 00:23:55,120

new job

471

00:23:59,990 --> 00:23:56,559

everything is cool

472

00:24:02,470 --> 00:24:00,000

your first day everything is simple

473

00:24:04,870 --> 00:24:02,480

you know and eventually it gets all

474

00:24:07,590 --> 00:24:04,880

messed up

475

00:24:10,230 --> 00:24:07,600

two years later you get fired or you

476

00:24:13,909 --> 00:24:10,240

quit it just spins out of control that's

477

00:24:16,630 --> 00:24:15,190

now

478

00:24:18,950 --> 00:24:16,640

i gave you

479

00:24:21,350 --> 00:24:18,960

a couple of doses of entropy in the

480

00:24:23,510 --> 00:24:21,360

breaking news segment earlier one of

481

00:24:25,269 --> 00:24:23,520

them is cryptocurrency

482

00:24:28,870 --> 00:24:25,279

cryptocurrency the whole thing started

483

00:24:30,870 --> 00:24:28,880

out so simple right bitcoin

484

00:24:33,269 --> 00:24:30,880

cruised along for years nobody even

485

00:24:37,669 --> 00:24:33,279

noticed right

486

00:24:42,710 --> 00:24:38,710

today

487

00:24:44,470 --> 00:24:42,720

the crypto world is very complicated yes

488

00:24:46,789 --> 00:24:44,480

you've heard about all those mining

489

00:24:48,950 --> 00:24:46,799

mining centers

490

00:24:50,789 --> 00:24:48,960

servers stacked to the ceiling

491

00:24:51,470 --> 00:24:50,799

overheating

492

00:24:57,029 --> 00:24:51,480

the

493

00:24:58,149 --> 00:24:57,039

crypto

494

00:25:00,549 --> 00:24:58,159

right

495

00:25:04,230 --> 00:25:00,559

it's totally insane and nobody can

496

00:25:05,830 --> 00:25:04,240

control it not governments not banks

497

00:25:08,470 --> 00:25:05,840

not you

498

00:25:11,029 --> 00:25:08,480

it's so whacked out that yesterday a

499

00:25:13,029 --> 00:25:11,039

hacker just walked away with 600 million

500

00:25:15,510 --> 00:25:13,039

dollars in dash

501
00:25:17,669 --> 00:25:15,520
like it was nothing

502
00:25:20,070 --> 00:25:17,679
and the hacker

503
00:25:21,990 --> 00:25:20,080
said they did it for

504
00:25:26,350 --> 00:25:22,000
wait for it

505
00:25:32,549 --> 00:25:30,470
600 million dollars

506
00:25:34,230 --> 00:25:32,559
crypto started so simple and it's gotten

507
00:25:36,070 --> 00:25:34,240
too complex

508
00:25:39,269 --> 00:25:36,080
it's headed for

509
00:25:40,710 --> 00:25:39,279
an entropic meltdown it'll happen

510
00:25:42,549 --> 00:25:40,720
eventually

511
00:25:44,950 --> 00:25:42,559
it's entropy

512
00:25:46,230 --> 00:25:44,960
we also just had another ransomware

513
00:25:48,390 --> 00:25:46,240

attack

514

00:25:50,549 --> 00:25:48,400

we've had so many lately that it's hard

515

00:25:51,590 --> 00:25:50,559

to keep up with them right

516

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

but

517

00:25:54,830 --> 00:25:53,600

all of this

518

00:25:57,590 --> 00:25:54,840

was

519

00:25:59,430 --> 00:25:57,600

inevitable remember

520

00:26:04,630 --> 00:25:59,440

and never forget this

521

00:26:05,830 --> 00:26:04,640

but 25 short little teeny tiny years ago

522

00:26:08,710 --> 00:26:05,840

nothing

523

00:26:10,870 --> 00:26:08,720

was running on the internet

524

00:26:13,590 --> 00:26:10,880

nothing

525

00:26:16,549 --> 00:26:13,600

let me say it again

526
00:26:21,909 --> 00:26:17,990
today

527
00:26:23,350 --> 00:26:21,919
the entire world is connected to the net

528
00:26:25,750 --> 00:26:23,360
the world

529
00:26:26,950 --> 00:26:25,760
all of it

530
00:26:29,190 --> 00:26:26,960
runs

531
00:26:31,590 --> 00:26:29,200
on the internet

532
00:26:33,510 --> 00:26:31,600
everything

533
00:26:36,470 --> 00:26:33,520
your bank

534
00:26:39,029 --> 00:26:36,480
your money your job your house tv phone

535
00:26:41,669 --> 00:26:39,039
car your food the military

536
00:26:43,350 --> 00:26:41,679
all transportation electricity water

537
00:26:46,630 --> 00:26:43,360
infrastructure

538
00:26:47,909 --> 00:26:46,640

smart everything tesla planes trains

539

00:26:53,110 --> 00:26:47,919

boats

540

00:26:55,110 --> 00:26:53,120

your mail your bills your health schools

541

00:26:58,310 --> 00:26:55,120

private and commercial buildings

542

00:26:59,590 --> 00:26:58,320

politics police churches art music all

543

00:27:01,029 --> 00:26:59,600

entertainment

544

00:27:04,390 --> 00:27:01,039

sports

545

00:27:08,789 --> 00:27:04,400

every single thing that you can think of

546

00:27:09,990 --> 00:27:08,799

all of it the world and beyond space

547

00:27:13,350 --> 00:27:10,000

satellites

548

00:27:14,630 --> 00:27:13,360

everything is now connected and run on

549

00:27:16,149 --> 00:27:14,640

the net

550

00:27:20,230 --> 00:27:16,159

there are

551
00:27:25,190 --> 00:27:22,230
25 years ago

552
00:27:26,789 --> 00:27:25,200
there wasn't ransomware taking down the

553
00:27:29,990 --> 00:27:26,799
meat industry

554
00:27:31,830 --> 00:27:30,000
or shutting down our gas pipelines it

555
00:27:34,389 --> 00:27:31,840
couldn't happen

556
00:27:35,350 --> 00:27:34,399
nothing ran on the net

557
00:27:38,310 --> 00:27:35,360
right

558
00:27:42,470 --> 00:27:38,320
today it's an everyday occurrence

559
00:27:43,750 --> 00:27:42,480
25 years ago our world was a very simple

560
00:27:44,870 --> 00:27:43,760
place

561
00:27:47,590 --> 00:27:44,880
today

562
00:27:50,470 --> 00:27:47,600
it's so complex that nobody knows what's

563
00:27:52,470 --> 00:27:50,480

going on or how to deal with it disaster

564

00:27:55,750 --> 00:27:52,480

will strike

565

00:27:57,669 --> 00:27:55,760

things will come unglued because

566

00:27:59,990 --> 00:27:57,679

they have to

567

00:28:01,269 --> 00:28:00,000

it's the law

568

00:28:03,669 --> 00:28:01,279

this

569

00:28:06,389 --> 00:28:03,679

is entropy

570

00:28:08,149 --> 00:28:06,399

power outages because it's too hot

571

00:28:09,590 --> 00:28:08,159

outside too many air conditioners

572

00:28:11,430 --> 00:28:09,600

running on high

573

00:28:13,590 --> 00:28:11,440

and an electrical grid that is too

574

00:28:16,549 --> 00:28:13,600

complex and interconnected

575

00:28:20,789 --> 00:28:16,559

the whole system melts down right or the

576

00:28:23,990 --> 00:28:20,799

opposite maybe it's too cold outside

577

00:28:28,310 --> 00:28:24,000

remember texas last year

578

00:28:33,029 --> 00:28:30,389

a few years ago

579

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

i watched the world's internet traffic

580

00:28:38,470 --> 00:28:35,679

in action from a special site where you

581

00:28:40,870 --> 00:28:38,480

can go and see the flow the hubs it's

582

00:28:42,870 --> 00:28:40,880

animated and it's real time and i

583

00:28:44,710 --> 00:28:42,880

thought to myself as i'm watching this

584

00:28:45,909 --> 00:28:44,720

and it's great right i'm watching it i'm

585

00:28:47,029 --> 00:28:45,919

thinking to myself

586

00:28:48,789 --> 00:28:47,039

entropy

587

00:28:51,350 --> 00:28:48,799

is gonna strike

588

00:28:54,389 --> 00:28:51,360

right here one day

589

00:28:56,149 --> 00:28:54,399

all of the world's everything

590

00:28:58,070 --> 00:28:56,159

is flowing

591

00:28:59,110 --> 00:28:58,080

right here right in front of me right

592

00:29:01,669 --> 00:28:59,120

now

593

00:29:04,789 --> 00:29:01,679

it's too much

594

00:29:07,269 --> 00:29:04,799

we have recklessly taken a gamble

595

00:29:08,389 --> 00:29:07,279

without any consideration of a back-up

596

00:29:11,029 --> 00:29:08,399

plan

597

00:29:12,389 --> 00:29:11,039

there was no special manual to read if

598

00:29:13,990 --> 00:29:12,399

everything goes wrong

599

00:29:15,190 --> 00:29:14,000

that's right there's no boss nobody

600

00:29:19,350 --> 00:29:15,200

knows

601
00:29:24,310 --> 00:29:19,360
and if it does go sideways and it will

602
00:29:30,710 --> 00:29:27,669
there'll be no way to hear about it

603
00:29:34,310 --> 00:29:30,720
entropy will just do its final dance and

604
00:29:38,389 --> 00:29:36,870
forever

605
00:29:40,870 --> 00:29:38,399
you see

606
00:29:42,070 --> 00:29:40,880
this isn't the physics version of

607
00:29:43,269 --> 00:29:42,080
entropy

608
00:29:45,350 --> 00:29:43,279
this is

609
00:29:46,470 --> 00:29:45,360
your version

610
00:29:49,830 --> 00:29:46,480
and yes

611
00:29:51,590 --> 00:29:49,840
when things uh get too messy in your

612
00:29:55,269 --> 00:29:51,600
kid's room

613
00:29:58,070 --> 00:29:55,279

what do you do you yell you yell your

614

00:30:02,549 --> 00:29:58,080

entropic scream and things get placed

615

00:30:06,389 --> 00:30:02,559

back in order the bed gets made

616

00:30:10,070 --> 00:30:06,399

when entropy puts an end to the internet

617

00:30:11,510 --> 00:30:10,080

nobody will hear your cries for help

618

00:30:13,190 --> 00:30:11,520

because there's going to be seven and a

619

00:30:16,070 --> 00:30:13,200

half billion people

620

00:30:18,389 --> 00:30:16,080

to drown you out

621

00:30:21,190 --> 00:30:18,399

guaranteed

622

00:30:25,990 --> 00:30:23,750

it's the way it is it's entropy

623

00:30:28,470 --> 00:30:26,000

it's the law of the universe

624

00:30:30,950 --> 00:30:28,480

you start out simple

625

00:30:33,430 --> 00:30:30,960

and everything comes undone

626
00:30:35,590 --> 00:30:33,440
i'm your host jimmy church this is fade

627
00:30:39,269 --> 00:30:35,600
to black and hey

628
00:30:45,830 --> 00:30:41,269
this is the way that it is

629
00:30:50,789 --> 00:30:49,269
tonight robert m shock is here

630
00:30:53,110 --> 00:30:50,799
we're going to talk about that new book

631
00:30:54,710 --> 00:30:53,120
of his forgotten civilization all of

632
00:30:57,350 --> 00:30:54,720
that and much more

633
00:30:58,389 --> 00:30:57,360
maybe we'll get some entropy in

634
00:31:00,870 --> 00:30:58,399
yeah

635
00:31:03,430 --> 00:31:00,880
happy dreams tonight folks tomorrow

636
00:31:05,509 --> 00:31:03,440
night is fader night with open lines all

637
00:31:08,710 --> 00:31:05,519
night long i'm your host jimmy church

638
00:31:10,470 --> 00:31:08,720

and the game changer network and kgra

639

00:31:12,710 --> 00:31:10,480

the planet this is fade to black and

640

00:31:14,980 --> 00:31:12,720

i'll be right back with our guest robert

641

00:31:30,070 --> 00:31:14,990

shock stay with me

642

00:31:34,470 --> 00:31:32,230

this is nicole church daughter of you

643

00:31:36,549 --> 00:31:34,480

know who and you're listening to fade to

644

00:31:40,870 --> 00:31:36,559

black on jimmychurchradio.com

645

00:31:47,269 --> 00:31:43,190

you're listening to jimmy church fade to

646

00:31:51,830 --> 00:31:49,509

fate to black will now pause for alien

647

00:31:53,990 --> 00:31:51,840

identification

648

00:31:55,190 --> 00:31:54,000

the station

649

00:31:58,789 --> 00:31:55,200

kg

650

00:32:02,950 --> 00:32:01,029

introducing the game changer blend from

651
00:32:05,509 --> 00:32:02,960
river moon coffee that delivers a

652
00:32:08,549 --> 00:32:05,519
customized blend made specifically for

653
00:32:11,509 --> 00:32:08,559
the fader knots if the game is rigged

654
00:32:14,310 --> 00:32:11,519
change the game it's a boulder cup with

655
00:32:16,549 --> 00:32:14,320
some bite game changer is the coffee of

656
00:32:18,950 --> 00:32:16,559
choice for those that prefer an organic

657
00:32:22,470 --> 00:32:18,960
dark roast that is slightly lighter and

658
00:32:24,789 --> 00:32:22,480
milder but it's still dark with wild

659
00:32:27,430 --> 00:32:24,799
notes of pecans and chocolate with a

660
00:32:29,750 --> 00:32:27,440
rich balanced full-bodied cup that is

661
00:32:32,389 --> 00:32:29,760
roasted to perfection for a great coffee

662
00:32:35,669 --> 00:32:32,399
to start your day as an after dinner

663
00:32:38,470 --> 00:32:35,679

coffee or anywhere in between artisan

664

00:32:41,110 --> 00:32:38,480

small batch roasted to perfection usda

665

00:32:43,430 --> 00:32:41,120

certified organic all river moon coffee

666

00:32:46,310 --> 00:32:43,440

is freshly roasted and packaged in the

667

00:32:48,470 --> 00:32:46,320

usa just go to rivermooncoffee.com or

668

00:32:52,310 --> 00:32:48,480

click on the banners over on our site

669

00:32:55,110 --> 00:32:52,320

and use the promo code f2b blend for 15

670

00:32:57,590 --> 00:32:55,120

off of your order today river moon

671

00:33:03,029 --> 00:33:00,310

this is the only way forward

672

00:33:07,909 --> 00:33:03,039

this is paid to black

673

00:33:09,590 --> 00:33:07,919

make contact daygra.com

674

00:33:12,470 --> 00:33:09,600

this is jimmy church of fade to black

675

00:33:14,789 --> 00:33:12,480

and you can get our podcast for just two

676
00:33:17,190 --> 00:33:14,799
dollars per month all you have to do is

677
00:33:19,909 --> 00:33:17,200
click on the podcast banner over at

678
00:33:22,710 --> 00:33:19,919
jimmychurchradio.com

679
00:33:25,269 --> 00:33:22,720
hi folks it's trembling times and fears

680
00:33:27,029 --> 00:33:25,279
pushing emotions which in turn pushes

681
00:33:29,110 --> 00:33:27,039
health the wrong direction do you ever

682
00:33:31,509 --> 00:33:29,120
get an egg because life is uneasy try

683
00:33:33,430 --> 00:33:31,519
life change tea at get the tea.com life

684
00:33:35,590 --> 00:33:33,440
change tea works on your digestive tract

685
00:33:38,070 --> 00:33:35,600
helping to move food through quicker and

686
00:33:39,909 --> 00:33:38,080
comfortably so your health is spot on

687
00:33:41,909 --> 00:33:39,919
life change team may not help with world

688
00:33:44,549 --> 00:33:41,919

issues but it will help with your

689

00:33:47,029 --> 00:33:44,559

digestive issues a glass a day helps

690

00:33:49,590 --> 00:33:47,039

keep the intruders away so

691

00:33:52,789 --> 00:33:49,600

change your life today log on to get the

692

00:33:55,029 --> 00:33:52,799

tea.com that's get the tea dot com if

693

00:33:57,669 --> 00:33:55,039

your health game is off get on by

694

00:33:59,509 --> 00:33:57,679

ordering life change tea get the tea dot

695

00:34:01,750 --> 00:33:59,519

com and while you're on our site look

696

00:34:03,430 --> 00:34:01,760

around at the great non-gmo organic

697

00:34:06,070 --> 00:34:03,440

supplements and if you're a sales

698

00:34:07,909 --> 00:34:06,080

shopper go to our specials page and see

699

00:34:09,990 --> 00:34:07,919

what's for you i've been drinking the

700

00:34:12,550 --> 00:34:10,000

tea for 12 years and i'm sure glad for

701
00:34:14,950 --> 00:34:12,560
its health benefits again that's get the

702
00:34:16,310 --> 00:34:14,960
tea.com get the tea

703
00:34:18,550 --> 00:34:16,320
dot com

704
00:34:20,550 --> 00:34:18,560
the tea that makes you go

705
00:34:22,389 --> 00:34:20,560
better knots when you think about the

706
00:34:24,310 --> 00:34:22,399
future of our country and where we're

707
00:34:27,349 --> 00:34:24,320
headed do you wonder about the food

708
00:34:29,510 --> 00:34:27,359
supply i do disruptions in the food

709
00:34:32,310 --> 00:34:29,520
supply chain could be disastrous and

710
00:34:34,310 --> 00:34:32,320
they usually occur with little warning

711
00:34:37,349 --> 00:34:34,320
that's why the smartest thing you can do

712
00:34:40,310 --> 00:34:37,359
today is to stockpile emergency food

713
00:34:43,109 --> 00:34:40,320

water and other essentials i personally

714

00:34:45,430 --> 00:34:43,119

recommend my patriot supply they're the

715

00:34:47,990 --> 00:34:45,440

nation's largest emergency preparedness

716

00:34:50,470 --> 00:34:48,000

company serving millions of customers

717

00:34:53,109 --> 00:34:50,480

for more than a decade in fact they're

718

00:34:55,990 --> 00:34:53,119

the only source my family trusts for our

719

00:34:59,109 --> 00:34:56,000

preparedness plan you should too

720

00:35:01,270 --> 00:34:59,119

right now save 20 off a full four week

721

00:35:03,910 --> 00:35:01,280

supply of delicious meals that provide

722

00:35:06,069 --> 00:35:03,920

two thousand calories a day saving

723

00:35:08,910 --> 00:35:06,079

twenty percent helps too doesn't it

724

00:35:11,109 --> 00:35:08,920

especially now so go to

725

00:35:12,589 --> 00:35:11,119

preparewithjimmy.com and get ready

726
00:35:14,870 --> 00:35:12,599
that's

727
00:35:18,950 --> 00:35:14,880
preparedwithjimmy.com there's no time to

728
00:35:18,960 --> 00:35:24,069
nine out of ten geneticists agree

729
00:35:27,829 --> 00:35:26,470
fade to black

730
00:35:30,470 --> 00:35:27,839
is not

731
00:35:33,550 --> 00:35:30,480
your father's radio show

732
00:35:37,750 --> 00:35:33,560
on the game changer radio network and

733
00:35:39,750 --> 00:35:37,760
kgra the planet

734
00:35:46,690 --> 00:35:39,760
hi this is rob reiner from anvil and

735
00:35:50,000 --> 00:35:47,910
[Music]

736
00:35:57,520 --> 00:35:50,010
radio

737
00:35:57,530 --> 00:36:05,829
[Music]

738
00:36:09,670 --> 00:36:07,750

all right welcome back fade to black i

739

00:36:12,950 --> 00:36:09,680

am your host jimmy church tonight

740

00:36:15,430 --> 00:36:12,960

dr robert m shock

741

00:36:16,710 --> 00:36:15,440

i just call him robert around here but

742

00:36:18,630 --> 00:36:16,720

he's joining us tonight we're going to

743

00:36:20,310 --> 00:36:18,640

talk about the new revised and expanded

744

00:36:22,790 --> 00:36:20,320

edition of his best-selling book

745

00:36:23,750 --> 00:36:22,800

forgotten civilization that and much

746

00:36:26,470 --> 00:36:23,760

more

747

00:36:28,790 --> 00:36:26,480

uh the great thing about having robert

748

00:36:30,790 --> 00:36:28,800

on the show we can take this in all

749

00:36:31,829 --> 00:36:30,800

directions and we're going to do that

750

00:36:33,670 --> 00:36:31,839

tonight

751
00:36:35,589 --> 00:36:33,680
he's a full-time faculty member at the

752
00:36:38,790 --> 00:36:35,599
college of general studies at boston

753
00:36:40,870 --> 00:36:38,800
university all the way back since 1984

754
00:36:44,230 --> 00:36:40,880
he earned his phd in geology and

755
00:36:46,790 --> 00:36:44,240
geophysics at yale university his ms and

756
00:36:49,190 --> 00:36:46,800
m phil in geology and geophysics from

757
00:36:53,109 --> 00:36:49,200
yale as well as his degrees in

758
00:36:56,150 --> 00:36:53,119
anthropology a ba and geology bs from

759
00:36:58,950 --> 00:36:56,160
george washington university

760
00:37:00,950 --> 00:36:58,960
we all know it was in the early 1990s

761
00:37:04,069 --> 00:37:00,960
when dr shock along with john anthony

762
00:37:08,550 --> 00:37:04,079
west recast the date of the great sphinx

763
00:37:12,790 --> 00:37:08,560

of egypt from 2600 bc back to around 10

764

00:37:14,310 --> 00:37:12,800

500 bc possibly beyond by demonstrating

765

00:37:16,550 --> 00:37:14,320

that the monument had been heavily

766

00:37:18,950 --> 00:37:16,560

eroded by water despite the fact that

767

00:37:21,430 --> 00:37:18,960

its location on the edge of the sahara

768

00:37:24,790 --> 00:37:21,440

has endured hyper arid climatic

769

00:37:27,109 --> 00:37:24,800

conditions for the past 5 000 years

770

00:37:29,190 --> 00:37:27,119

now dr jacques revealed to the world

771

00:37:32,150 --> 00:37:29,200

that mankind's history is greater and

772

00:37:33,910 --> 00:37:32,160

older than previously believed and we

773

00:37:35,510 --> 00:37:33,920

thank him for that i would like to

774

00:37:36,470 --> 00:37:35,520

welcome back to fade to black our good

775

00:37:39,270 --> 00:37:36,480

friend

776

00:37:40,390 --> 00:37:39,280

dr robert m chuck robert good evening my

777

00:37:42,069 --> 00:37:40,400

friend

778

00:37:43,030 --> 00:37:42,079

good evening

779

00:37:46,150 --> 00:37:43,040

i mean

780

00:37:49,750 --> 00:37:46,160

it's been too long it's been way

781

00:37:51,990 --> 00:37:49,760

too long and you know this is the thing

782

00:37:54,790 --> 00:37:52,000

for years you and i every year a couple

783

00:37:58,390 --> 00:37:54,800

times a year hanging out you katie and i

784

00:38:00,950 --> 00:37:58,400

having a great time and and and it just

785

00:38:02,790 --> 00:38:00,960

the the brakes got pumped on all of that

786

00:38:05,430 --> 00:38:02,800

last year we're not going to get into

787

00:38:07,510 --> 00:38:05,440

any of that but it's so great to have

788

00:38:09,670 --> 00:38:07,520

you back on the show

789

00:38:11,510 --> 00:38:09,680

well thank you

790

00:38:13,349 --> 00:38:11,520

that's it just thank you that's it

791

00:38:15,829 --> 00:38:13,359

that's all thank you thank you yeah yeah

792

00:38:19,109 --> 00:38:15,839

no i'm i'm really pleased to be back but

793

00:38:20,950 --> 00:38:19,119

the problem is that um i'm reflecting as

794

00:38:23,670 --> 00:38:20,960

you're saying that this whole covet

795

00:38:25,750 --> 00:38:23,680

pandemic and all that's been going on

796

00:38:28,470 --> 00:38:25,760

it's just it's just been insane it's

797

00:38:32,150 --> 00:38:28,480

it's really messed up so many things

798

00:38:33,349 --> 00:38:32,160

from travel to conferences to us getting

799

00:38:35,990 --> 00:38:33,359

together

800

00:38:39,190 --> 00:38:36,000

so what can i say but on the other hand

801
00:38:42,150 --> 00:38:39,200
this is almost nothing compared to what

802
00:38:43,990 --> 00:38:42,160
it could be and i just heard you i tuned

803
00:38:45,589 --> 00:38:44,000
in just

804
00:38:47,829 --> 00:38:45,599
you know was listening in the background

805
00:38:50,150 --> 00:38:47,839
while you were talking about uh entropy

806
00:38:52,870 --> 00:38:50,160
and all that and the internet and you're

807
00:38:54,950 --> 00:38:52,880
absolutely right a quarter century ago

808
00:38:57,270 --> 00:38:54,960
nothing was connected to the internet

809
00:38:59,270 --> 00:38:57,280
everything is connected to internet now

810
00:39:02,230 --> 00:38:59,280
and where i'm going with this is that

811
00:39:05,270 --> 00:39:02,240
the subtitle of my book and this is a

812
00:39:07,750 --> 00:39:05,280
new subtitle for forgotten civilization

813
00:39:10,230 --> 00:39:07,760

for the second revised and expanded

814

00:39:12,870 --> 00:39:10,240

edition the new subtitle is new

815

00:39:14,950 --> 00:39:12,880

discoveries on the solar induced dark

816

00:39:17,030 --> 00:39:14,960

age and

817

00:39:19,030 --> 00:39:17,040

as you well know and i think probably a

818

00:39:21,109 --> 00:39:19,040

lot of listeners know

819

00:39:22,630 --> 00:39:21,119

katie actually came up with the term

820

00:39:25,190 --> 00:39:22,640

katie my wife

821

00:39:27,270 --> 00:39:25,200

of solar induced dark age but that

822

00:39:28,550 --> 00:39:27,280

describes so well

823

00:39:31,190 --> 00:39:28,560

what happened

824

00:39:33,829 --> 00:39:31,200

almost 12 000 years ago with a solar

825

00:39:37,510 --> 00:39:33,839

outburst that devastated

826

00:39:40,829 --> 00:39:37,520

that early cycle of civilization now

827

00:39:44,310 --> 00:39:40,839

if we have even a minor

828

00:39:46,790 --> 00:39:44,320

minor um solar outburst uh you know just

829

00:39:49,190 --> 00:39:46,800

a little coronal mass ejection that hits

830

00:39:52,069 --> 00:39:49,200

us directly or a little emp or what they

831

00:39:55,430 --> 00:39:52,079

call proton solar event

832

00:39:57,670 --> 00:39:55,440

we're doomed it's it's it's i don't the

833

00:39:59,109 --> 00:39:57,680

whole internet will go down the grids

834

00:40:02,710 --> 00:39:59,119

will go down

835

00:40:04,950 --> 00:40:02,720

um so yeah i'm sorry if i if i

836

00:40:08,470 --> 00:40:04,960

i was reflecting there as you were

837

00:40:10,710 --> 00:40:08,480

beginning to um introduce me as to uh

838

00:40:13,670 --> 00:40:10,720

you know how vulnerable we really are so

839

00:40:16,790 --> 00:40:13,680

i don't mean to start on a negative note

840

00:40:19,829 --> 00:40:16,800

um whatsoever but yeah well you know i

841

00:40:22,390 --> 00:40:19,839

this is the times we're in you know i uh

842

00:40:25,270 --> 00:40:22,400

this was uh probably five or six years

843

00:40:26,790 --> 00:40:25,280

ago and i had this weird thought pop

844

00:40:29,510 --> 00:40:26,800

into my head

845

00:40:30,470 --> 00:40:29,520

and that is what if i get up in the

846

00:40:33,589 --> 00:40:30,480

morning

847

00:40:34,710 --> 00:40:33,599

i go downstairs i go in uh to the

848

00:40:38,550 --> 00:40:34,720

kitchen

849

00:40:41,349 --> 00:40:38,560

to make a pot of coffee start my day and

850

00:40:44,550 --> 00:40:41,359

the power's out i don't have coffee

851

00:40:48,150 --> 00:40:44,560

and and then i go and and check

852

00:40:50,150 --> 00:40:48,160

you know maybe uh check my phone to see

853

00:40:52,630 --> 00:40:50,160

if there's a power outage in the area

854

00:40:55,589 --> 00:40:52,640

and then my phone's not working

855

00:40:57,750 --> 00:40:55,599

and and at that moment

856

00:40:58,950 --> 00:40:57,760

there is no way

857

00:41:01,270 --> 00:40:58,960

for me

858

00:41:03,270 --> 00:41:01,280

if if anything like that went down

859

00:41:05,670 --> 00:41:03,280

there's no way for me to turn on the tv

860

00:41:06,550 --> 00:41:05,680

and get the news there's no way for me

861

00:41:09,430 --> 00:41:06,560

to

862

00:41:10,710 --> 00:41:09,440

nope there there wouldn't be

863

00:41:13,109 --> 00:41:10,720

anything

864

00:41:16,790 --> 00:41:13,119

now and this is this was the thought

865

00:41:18,309 --> 00:41:16,800

that i had and i had mentioned this to

866

00:41:21,670 --> 00:41:18,319

to the audience

867

00:41:23,190 --> 00:41:21,680

which is how long does it take

868

00:41:24,470 --> 00:41:23,200

from that moment

869

00:41:26,710 --> 00:41:24,480

before

870

00:41:28,390 --> 00:41:26,720

pandemonium is in the streets how long

871

00:41:30,950 --> 00:41:28,400

does it take because nobody's getting

872

00:41:31,910 --> 00:41:30,960

news nobody knows what's happening

873

00:41:35,430 --> 00:41:31,920

and

874

00:41:37,589 --> 00:41:35,440

how how long how long do we go from

875

00:41:40,069 --> 00:41:37,599

that moment of peace of me

876

00:41:43,030 --> 00:41:40,079

standing at my kitchen window

877

00:41:43,990 --> 00:41:43,040

right wondering why i don't have coffee

878

00:41:48,790 --> 00:41:44,000

to

879

00:41:51,109 --> 00:41:48,800

chaos how long how long is it is

880

00:41:52,950 --> 00:41:51,119

that would be incredible should we say

881

00:41:56,150 --> 00:41:52,960

social experiment

882

00:41:57,589 --> 00:41:56,160

uh but it could happen and i

883

00:42:00,309 --> 00:41:57,599

mean

884

00:42:01,990 --> 00:42:00,319

not anyone's guess is equal

885

00:42:03,430 --> 00:42:02,000

but because there are people who study

886

00:42:05,910 --> 00:42:03,440

such things

887

00:42:07,990 --> 00:42:05,920

and uh from my study and you know part

888

00:42:11,030 --> 00:42:08,000

of the book it's interesting because the

889

00:42:13,910 --> 00:42:11,040

the um title is forgotten civilization

890

00:42:16,390 --> 00:42:13,920

and i'm referring primarily in many ways

891

00:42:19,190 --> 00:42:16,400

to ancient civilization this ancient

892

00:42:21,349 --> 00:42:19,200

forgotten earlier cycle of civilization

893

00:42:23,510 --> 00:42:21,359

right but and again i don't mean to be

894

00:42:26,390 --> 00:42:23,520

negative but we could be a forgotten

895

00:42:28,550 --> 00:42:26,400

civilization in the future so the book

896

00:42:30,710 --> 00:42:28,560

talks about you know what could happen

897

00:42:32,870 --> 00:42:30,720

to us

898

00:42:35,270 --> 00:42:32,880

in the immediate future too

899

00:42:38,790 --> 00:42:35,280

and getting back to the pen the most pen

900

00:42:40,230 --> 00:42:38,800

i can't talk now pandemonium

901
00:42:43,270 --> 00:42:40,240
i don't think it's going to take very

902
00:42:45,750 --> 00:42:43,280
long at all i think we're talking at max

903
00:42:48,550 --> 00:42:45,760
a couple of hours a few hours when

904
00:42:50,870 --> 00:42:48,560
people really realize what's happened

905
00:42:53,430 --> 00:42:50,880
yeah um if that happens say the whole

906
00:42:55,109 --> 00:42:53,440
grid system goes down throughout a good

907
00:42:56,790 --> 00:42:55,119
chunk of the united states just the

908
00:42:59,270 --> 00:42:56,800
united states just part of the united

909
00:43:01,430 --> 00:42:59,280
states much less around the world if we

910
00:43:03,430 --> 00:43:01,440
had a major solar outburst or something

911
00:43:05,349 --> 00:43:03,440
else i mean we are just so vulnerable

912
00:43:08,150 --> 00:43:05,359
that's one of the um

913
00:43:11,270 --> 00:43:08,160

themes of the book that we are

914

00:43:14,390 --> 00:43:11,280

incredibly vulnerable we're in and we've

915

00:43:16,230 --> 00:43:14,400

got this incredible hubris that somehow

916

00:43:18,150 --> 00:43:16,240

we're better than anything else we're

917

00:43:19,270 --> 00:43:18,160

the best that's ever been i actually

918

00:43:21,349 --> 00:43:19,280

don't believe that you know

919

00:43:22,630 --> 00:43:21,359

technologically we've got great

920

00:43:25,750 --> 00:43:22,640

technology

921

00:43:28,870 --> 00:43:25,760

but it's only great as long as it works

922

00:43:30,470 --> 00:43:28,880

and this is the thing and it's not about

923

00:43:33,510 --> 00:43:30,480

uh you know

924

00:43:34,390 --> 00:43:33,520

spreading fear or it's not about that

925

00:43:35,510 --> 00:43:34,400

it's that

926

00:43:37,190 --> 00:43:35,520

we

927

00:43:40,390 --> 00:43:37,200

have the ability

928

00:43:43,190 --> 00:43:40,400

to protect these systems and to go and

929

00:43:45,750 --> 00:43:43,200

make sure that we have a plan b

930

00:43:49,589 --> 00:43:45,760

right now if it happened today

931

00:43:51,990 --> 00:43:49,599

it would not be a good thing but

932

00:43:54,390 --> 00:43:52,000

we have the ability we have the ability

933

00:43:57,270 --> 00:43:54,400

to protect we we have the ability and i

934

00:43:59,670 --> 00:43:57,280

want to be very clear for myself and and

935

00:44:02,069 --> 00:43:59,680

i'm not putting anyone else down

936

00:44:06,470 --> 00:44:02,079

but i think that the most important

937

00:44:08,950 --> 00:44:06,480

thing is that we be we as a society

938

00:44:11,750 --> 00:44:08,960

we need to think about these things we

939

00:44:14,390 --> 00:44:11,760

need to make the very small investments

940

00:44:17,349 --> 00:44:14,400

when it comes right down to it um as a

941

00:44:19,829 --> 00:44:17,359

societal level at a governmental level

942

00:44:22,710 --> 00:44:19,839

at community level very small

943

00:44:24,950 --> 00:44:22,720

investments relative to other things uh

944

00:44:27,109 --> 00:44:24,960

to harden the grid as say

945

00:44:30,309 --> 00:44:27,119

as the terminology

946

00:44:32,550 --> 00:44:30,319

is used to uh protect with for instance

947

00:44:35,750 --> 00:44:32,560

faraday cages there are different things

948

00:44:38,470 --> 00:44:35,760

you can do you um to make ourselves less

949

00:44:40,630 --> 00:44:38,480

vulnerable to have redundancy we were

950

00:44:42,710 --> 00:44:40,640

talking about the pandemic are you

951
00:44:44,230 --> 00:44:42,720
i brought up the issue of the pandemic

952
00:44:45,990 --> 00:44:44,240
maybe we don't want to go into that too

953
00:44:48,150 --> 00:44:46,000
much but i think one of the lessons

954
00:44:50,630 --> 00:44:48,160
we've learned from the pandemic is that

955
00:44:54,150 --> 00:44:50,640
we're incredibly vulnerable when it

956
00:44:57,109 --> 00:44:54,160
comes to um supply and demand because so

957
00:44:59,190 --> 00:44:57,119
many things have been centralized uh

958
00:45:02,710 --> 00:44:59,200
computer chips coming from only one

959
00:45:04,950 --> 00:45:02,720
country for instance are one place uh

960
00:45:08,069 --> 00:45:04,960
you know even little things like medical

961
00:45:12,309 --> 00:45:08,079
supplies when those uh

962
00:45:15,750 --> 00:45:12,319
the one place that's producing x y or z

963
00:45:18,630 --> 00:45:15,760

goes down or the supply chains collapse

964

00:45:21,349 --> 00:45:18,640

you know transportation etc etc

965

00:45:24,470 --> 00:45:21,359

i mean we we have really boxed ourselves

966

00:45:27,430 --> 00:45:24,480

in we need redundancy we need to

967

00:45:29,349 --> 00:45:27,440

uh have backup systems

968

00:45:32,230 --> 00:45:29,359

part of the problem i think with um

969

00:45:35,670 --> 00:45:32,240

modern society is that there has been

970

00:45:38,710 --> 00:45:35,680

there has been this trend over the last

971

00:45:42,190 --> 00:45:38,720

two three four decades to

972

00:45:45,510 --> 00:45:42,200

be more efficient more efficient less

973

00:45:49,430 --> 00:45:45,520

redundancy uh you know just on time

974

00:45:52,470 --> 00:45:49,440

delivery etc etc but actually redundancy

975

00:45:55,270 --> 00:45:52,480

serves an incredibly um good purpose

976
00:45:56,870 --> 00:45:55,280
especially in times of crisis yeah

977
00:45:59,589 --> 00:45:56,880
there's no question about it and it's

978
00:46:02,870 --> 00:45:59,599
redundancy on everything redundancy on

979
00:46:05,190 --> 00:46:02,880
water electricity food or

980
00:46:07,589 --> 00:46:05,200
exactly entirely

981
00:46:09,510 --> 00:46:07,599
in different formats so what i'm

982
00:46:12,230 --> 00:46:09,520
specifically referring to and you were

983
00:46:13,670 --> 00:46:12,240
talking about cryptocurrency um

984
00:46:16,230 --> 00:46:13,680
uh

985
00:46:18,990 --> 00:46:16,240
in the first half hour if i unders you

986
00:46:22,309 --> 00:46:19,000
know when i listened in

987
00:46:23,670 --> 00:46:22,319
cryptocurrency that's all electronic

988
00:46:25,589 --> 00:46:23,680

uh

989

00:46:27,910 --> 00:46:25,599

where is the redundancy there and don't

990

00:46:29,829 --> 00:46:27,920

say all the redundancy is that's in lots

991

00:46:32,710 --> 00:46:29,839

of different computers yes i understand

992

00:46:35,109 --> 00:46:32,720

that but if all the computers go down if

993

00:46:38,230 --> 00:46:35,119

that entire system goes down where's the

994

00:46:39,990 --> 00:46:38,240

redundancy versus different types of

995

00:46:42,950 --> 00:46:40,000

accounting systems where you actually

996

00:46:45,990 --> 00:46:42,960

have paper that is stored away safely

997

00:46:48,150 --> 00:46:46,000

somewhere if you have even computers

998

00:46:49,589 --> 00:46:48,160

that are stored away

999

00:46:51,109 --> 00:46:49,599

off the grid

1000

00:46:52,309 --> 00:46:51,119

off the

1001

00:46:54,550 --> 00:46:52,319

internet

1002

00:46:58,069 --> 00:46:54,560

off the world wide web

1003

00:46:59,990 --> 00:46:58,079

deep in caves i sound like a prepper but

1004

00:47:02,230 --> 00:47:00,000

i'm not trying to but deep in caves

1005

00:47:04,630 --> 00:47:02,240

where they would be protected from uh

1006

00:47:07,349 --> 00:47:04,640

say solar events or other catastrophes

1007

00:47:09,030 --> 00:47:07,359

on the surface but totally disconnected

1008

00:47:11,270 --> 00:47:09,040

that's i think part of our problem too

1009

00:47:13,270 --> 00:47:11,280

that we are so interconnected

1010

00:47:15,510 --> 00:47:13,280

that um it's like a virus and we're

1011

00:47:17,349 --> 00:47:15,520

dealing with viruses now they can spread

1012

00:47:20,870 --> 00:47:17,359

very very quickly

1013

00:47:23,589 --> 00:47:20,880

now you're you're a professor at uh

1014

00:47:26,069 --> 00:47:23,599

one of the leading education

1015

00:47:29,270 --> 00:47:26,079

systems in the world right

1016

00:47:33,349 --> 00:47:29,280

as an as an educator as a professor

1017

00:47:37,670 --> 00:47:33,359

um how much of this is

1018

00:47:40,150 --> 00:47:37,680

talked about how much of this is taught

1019

00:47:43,750 --> 00:47:40,160

you know are our generations that are

1020

00:47:47,190 --> 00:47:43,760

going to be coming how are how aware

1021

00:47:52,630 --> 00:47:50,829

i would say that in the last five

1022

00:47:54,870 --> 00:47:52,640

years

1023

00:47:57,589 --> 00:47:54,880

the younger generation more or less

1024

00:47:59,990 --> 00:47:57,599

undergraduates and graduate students

1025

00:48:01,510 --> 00:48:00,000

that are coming through now are becoming

1026

00:48:03,990 --> 00:48:01,520

more

1027

00:48:06,390 --> 00:48:04,000

aware of such things i think

1028

00:48:07,829 --> 00:48:06,400

partly because they're living through it

1029

00:48:10,470 --> 00:48:07,839

they're living through some of these

1030

00:48:12,549 --> 00:48:10,480

experiences they're realizing how

1031

00:48:15,190 --> 00:48:12,559

vulnerable the system is they're living

1032

00:48:18,150 --> 00:48:15,200

right now we've got generation

1033

00:48:20,950 --> 00:48:18,160

of undergraduates or a couple of cohorts

1034

00:48:21,910 --> 00:48:20,960

i should say of undergraduates who have

1035

00:48:23,190 --> 00:48:21,920

been

1036

00:48:25,829 --> 00:48:23,200

very

1037

00:48:29,349 --> 00:48:25,839

you know they've been really disrupted

1038

00:48:31,829 --> 00:48:29,359

uh by the pandemic i the last year i was

1039

00:48:33,910 --> 00:48:31,839

teaching essentially by zoom

1040

00:48:35,829 --> 00:48:33,920

i was holding trying to hold or the

1041

00:48:38,790 --> 00:48:35,839

university asked me to try to hold some

1042

00:48:41,670 --> 00:48:38,800

classes in person but the students could

1043

00:48:45,990 --> 00:48:41,680

zoom in there were of course all the

1044

00:48:49,270 --> 00:48:46,000

issues with the pandemic and spread and

1045

00:48:50,710 --> 00:48:49,280

social distancing etc uh

1046

00:48:52,870 --> 00:48:50,720

it's it's been

1047

00:48:54,790 --> 00:48:52,880

somewhat um

1048

00:48:56,870 --> 00:48:54,800

you know i want to say crazy but not

1049

00:48:59,589 --> 00:48:56,880

crazy because we had to do what we had

1050

00:49:01,349 --> 00:48:59,599

to do to try to keep people as safe as

1051
00:49:04,549 --> 00:49:01,359
possible and then you know you have the

1052
00:49:05,349 --> 00:49:04,559
deniers of it and i game back to things

1053
00:49:07,670 --> 00:49:05,359
like

1054
00:49:09,510 --> 00:49:07,680
the theme of the book which is uh

1055
00:49:11,670 --> 00:49:09,520
in part solar outburst and how that

1056
00:49:14,150 --> 00:49:11,680
affect ancient civilization how it could

1057
00:49:15,030 --> 00:49:14,160
affect modern civilization

1058
00:49:16,309 --> 00:49:15,040
uh

1059
00:49:18,390 --> 00:49:16,319
you know the worst thing you can do i

1060
00:49:21,030 --> 00:49:18,400
think is to deny this or think oh it's

1061
00:49:24,390 --> 00:49:21,040
not going to happen in our generation

1062
00:49:27,270 --> 00:49:24,400
uh so at least i as an educator try to

1063
00:49:29,670 --> 00:49:27,280

make students aware of such things now

1064

00:49:31,190 --> 00:49:29,680

uh one of uh the

1065

00:49:33,430 --> 00:49:31,200

my favorite

1066

00:49:35,750 --> 00:49:33,440

things not only to talk to you about but

1067

00:49:37,589 --> 00:49:35,760

to other educators and professors out

1068

00:49:39,829 --> 00:49:37,599

there i always bring this up

1069

00:49:42,069 --> 00:49:39,839

uh those professors that come on the

1070

00:49:44,710 --> 00:49:42,079

show are usually

1071

00:49:47,349 --> 00:49:44,720

trailblazers right that are that are

1072

00:49:48,630 --> 00:49:47,359

willing to step outside of the box

1073

00:49:51,109 --> 00:49:48,640

um yeah

1074

00:49:53,990 --> 00:49:51,119

it's always you know and and and i think

1075

00:49:55,190 --> 00:49:54,000

immediately about somebody like avi loeb

1076

00:49:57,349 --> 00:49:55,200

right and

1077

00:49:59,589 --> 00:49:57,359

and and what he is doing right now he's

1078

00:50:03,109 --> 00:49:59,599

talking about extraterrestrials right

1079

00:50:04,230 --> 00:50:03,119

he's talking about the sir and but he

1080

00:50:14,069 --> 00:50:04,240

he

1081

00:50:15,750 --> 00:50:14,079

taken a lot talk about flack right i

1082

00:50:19,510 --> 00:50:15,760

mean the real flack

1083

00:50:22,549 --> 00:50:19,520

flaming red hot flak right coming down

1084

00:50:25,109 --> 00:50:22,559

on him you went through the same thing

1085

00:50:28,230 --> 00:50:25,119

how difficult is it

1086

00:50:30,309 --> 00:50:28,240

once you do step outside of the box uh

1087

00:50:32,790 --> 00:50:30,319

to to avoid the flak

1088

00:50:36,069 --> 00:50:32,800

and to to continue i would say it's

1089

00:50:39,190 --> 00:50:36,079

absolutely impossible you can't avoid it

1090

00:50:42,230 --> 00:50:39,200

i think what you have to do is to

1091

00:50:44,390 --> 00:50:42,240

deal with it and the way i deal with it

1092

00:50:46,390 --> 00:50:44,400

and you and i have talked about this

1093

00:50:48,309 --> 00:50:46,400

before in different uh

1094

00:50:50,150 --> 00:50:48,319

you know different forums et cetera what

1095

00:50:53,430 --> 00:50:50,160

the way i deal with is i

1096

00:50:56,230 --> 00:50:53,440

try to always have i will always have

1097

00:50:58,950 --> 00:50:56,240

evidence for what i'm suggesting and i

1098

00:51:01,510 --> 00:50:58,960

will be honest about that evidence i

1099

00:51:03,270 --> 00:51:01,520

will use the best evidence i have i will

1100

00:51:06,470 --> 00:51:03,280

follow the evidence and when i'm

1101
00:51:08,309 --> 00:51:06,480
speculating to a certain extent i will

1102
00:51:10,870 --> 00:51:08,319
indicate that i'm speculating when i've

1103
00:51:12,710 --> 00:51:10,880
got very hard evidence uh i will

1104
00:51:14,870 --> 00:51:12,720
indicate that

1105
00:51:17,750 --> 00:51:14,880
do you think that you know as much so i

1106
00:51:19,430 --> 00:51:17,760
think it's really a matter of

1107
00:51:21,750 --> 00:51:19,440
knowing the boundaries knowing the

1108
00:51:23,670 --> 00:51:21,760
evidence this is my approach at least to

1109
00:51:24,630 --> 00:51:23,680
always follow evidence so for instance i

1110
00:51:27,829 --> 00:51:24,640
have been

1111
00:51:30,549 --> 00:51:27,839
talking about ancient civilization but

1112
00:51:32,870 --> 00:51:30,559
not just ancient civilization in terms

1113
00:51:35,190 --> 00:51:32,880

of 5 000 years ago with the early

1114

00:51:38,710 --> 00:51:35,200

dynastic egyptians etc

1115

00:51:41,109 --> 00:51:38,720

as we have discussed often on this show

1116

00:51:45,270 --> 00:51:41,119

i have been promoting the concept that

1117

00:51:46,870 --> 00:51:45,280

we have true ancient civilization 10 000

1118

00:51:49,829 --> 00:51:46,880

plus bc

1119

00:51:51,430 --> 00:51:49,839

well before the end of the last ice age

1120

00:51:54,630 --> 00:51:51,440

and we have that of course with quebec

1121

00:51:57,990 --> 00:51:54,640

lee tepe we have that even before quebec

1122

00:52:00,309 --> 00:51:58,000

tepe was known with my work on the

1123

00:52:02,549 --> 00:52:00,319

sphinx and that it dates back to a much

1124

00:52:04,950 --> 00:52:02,559

earlier period when there was no sahara

1125

00:52:06,790 --> 00:52:04,960

desert when

1126
00:52:08,950 --> 00:52:06,800
you know there was torrential rainfall

1127
00:52:10,549 --> 00:52:08,960
which is why the sphinx is weathered by

1128
00:52:11,510 --> 00:52:10,559
water etc

1129
00:52:15,670 --> 00:52:11,520
yeah

1130
00:52:19,190 --> 00:52:15,680
my academic colleagues in 1991

1131
00:52:21,030 --> 00:52:19,200
1992 1994

1132
00:52:23,430 --> 00:52:21,040
they were livid they were trying to get

1133
00:52:26,390 --> 00:52:23,440
me fired despite the fact that i

1134
00:52:28,150 --> 00:52:26,400
i am tenured and frankly i'll be blunt i

1135
00:52:29,670 --> 00:52:28,160
did not talk about this stuff before i

1136
00:52:30,950 --> 00:52:29,680
was tenured

1137
00:52:33,030 --> 00:52:30,960
you know you have to take care of

1138
00:52:35,109 --> 00:52:33,040

yourself a little bit of course it gives

1139

00:52:36,710 --> 00:52:35,119

me a certain level of flexibility but to

1140

00:52:40,950 --> 00:52:36,720

this day

1141

00:52:43,349 --> 00:52:40,960

i'm feeling the um pain of it in

1142

00:52:44,630 --> 00:52:43,359

the sense that uh

1143

00:52:47,430 --> 00:52:44,640

you know there's still a lot of people

1144

00:52:48,790 --> 00:52:47,440

that don't like me inside academia

1145

00:52:52,150 --> 00:52:48,800

should we say

1146

00:52:53,750 --> 00:52:52,160

because i'm upsetting the apple cart

1147

00:52:55,910 --> 00:52:53,760

but

1148

00:52:58,390 --> 00:52:55,920

they also have to face the facts and i

1149

00:53:00,630 --> 00:52:58,400

think that is difficult for people

1150

00:53:03,670 --> 00:53:00,640

there's a lot of psychology

1151

00:53:06,549 --> 00:53:03,680

when it comes to academia a lot of

1152

00:53:09,990 --> 00:53:06,559

in you know ingrained

1153

00:53:11,349 --> 00:53:10,000

um tendencies vested interest i mean

1154

00:53:14,870 --> 00:53:11,359

people are people whether they're

1155

00:53:17,910 --> 00:53:14,880

academics or someone else well

1156

00:53:19,030 --> 00:53:17,920

and describe what that's like

1157

00:53:23,190 --> 00:53:19,040

are you

1158

00:53:25,670 --> 00:53:23,200

genuine rock star status at boston

1159

00:53:27,190 --> 00:53:25,680

university you know where the students

1160

00:53:29,670 --> 00:53:27,200

know

1161

00:53:31,190 --> 00:53:29,680

yeah yeah i will get i will get students

1162

00:53:34,069 --> 00:53:31,200

okay i think this is what you're asking

1163

00:53:37,030 --> 00:53:34,079

i will get students in my classes

1164

00:53:39,430 --> 00:53:37,040

who will know exactly who i am before

1165

00:53:42,150 --> 00:53:39,440

they get there and then i get some that

1166

00:53:45,190 --> 00:53:42,160

aren't quite as tuned into such things

1167

00:53:47,030 --> 00:53:45,200

like ancient civilization and

1168

00:53:49,430 --> 00:53:47,040

you know the work i do

1169

00:53:51,349 --> 00:53:49,440

but they'll have vaguely heard of it and

1170

00:53:53,109 --> 00:53:51,359

then they'll sometimes it's funny how

1171

00:53:55,030 --> 00:53:53,119

they'll sort of ask some questions to

1172

00:53:58,549 --> 00:53:55,040

feel things out am i the person they're

1173

00:54:00,710 --> 00:53:58,559

thinking well yeah and i guess

1174

00:54:03,030 --> 00:54:00,720

right right but then others will say

1175

00:54:05,190 --> 00:54:03,040

that oh i saw you on this or that or you

1176
00:54:07,109 --> 00:54:05,200
know i just watched you know 10 000

1177
00:54:08,950 --> 00:54:07,119
youtube videos where

1178
00:54:10,630 --> 00:54:08,960
you appeared and

1179
00:54:12,950 --> 00:54:10,640
what i actually really want to hear is

1180
00:54:14,470 --> 00:54:12,960
that they read forgotten civilization

1181
00:54:17,109 --> 00:54:14,480
before they came

1182
00:54:18,230 --> 00:54:17,119
well and and and to to take it a step

1183
00:54:19,349 --> 00:54:18,240
further

1184
00:54:20,549 --> 00:54:19,359
um

1185
00:54:23,430 --> 00:54:20,559
where they

1186
00:54:24,390 --> 00:54:23,440
uh genuinely appreciate

1187
00:54:27,430 --> 00:54:24,400
um

1188
00:54:28,710 --> 00:54:27,440

uh your tenacity

1189

00:54:30,309 --> 00:54:28,720

right yes

1190

00:54:32,470 --> 00:54:30,319

yeah you know what i mean that type of

1191

00:54:33,430 --> 00:54:32,480

rock star status too as well he's the

1192

00:54:35,829 --> 00:54:33,440

guy

1193

00:54:38,230 --> 00:54:35,839

that doesn't give a crap right

1194

00:54:40,069 --> 00:54:38,240

yeah yeah no i think they appreciate

1195

00:54:42,390 --> 00:54:40,079

that and that's why i have a lot of

1196

00:54:45,670 --> 00:54:42,400

faith in the younger generation but this

1197

00:54:48,390 --> 00:54:45,680

is something that we see in science

1198

00:54:51,829 --> 00:54:48,400

as a generalization that you have

1199

00:54:53,910 --> 00:54:51,839

entrenched beliefs

1200

00:54:56,870 --> 00:54:53,920

thinking status quo

1201
00:54:59,270 --> 00:54:56,880
sort of mainstream dogma whether it's a

1202
00:55:02,309 --> 00:54:59,280
sciences or anything else in one

1203
00:55:03,589 --> 00:55:02,319
generation and then the next generation

1204
00:55:06,470 --> 00:55:03,599
it can

1205
00:55:09,430 --> 00:55:06,480
have more freedom should we say to be

1206
00:55:11,750 --> 00:55:09,440
open-minded because it's not

1207
00:55:13,589 --> 00:55:11,760
as entrenched for them more or less if

1208
00:55:16,470 --> 00:55:13,599
you've spent your life

1209
00:55:18,950 --> 00:55:16,480
studying something and coming to certain

1210
00:55:20,789 --> 00:55:18,960
conclusions at the end of your life when

1211
00:55:23,190 --> 00:55:20,799
i say life it could be your physical

1212
00:55:25,670 --> 00:55:23,200
life or it could be your academic career

1213
00:55:27,589 --> 00:55:25,680

you don't all of a sudden well be told

1214

00:55:29,190 --> 00:55:27,599

that everything you were doing was wrong

1215

00:55:32,630 --> 00:55:29,200

or that a good chunk of what you

1216

00:55:35,990 --> 00:55:32,640

believed is not quite right

1217

00:55:37,829 --> 00:55:36,000

well isn't it i mean where did we lose

1218

00:55:43,430 --> 00:55:37,839

sight of

1219

00:55:44,390 --> 00:55:43,440

what uh academia and science actually is

1220

00:55:46,870 --> 00:55:44,400

which

1221

00:55:49,030 --> 00:55:46,880

is asking questions

1222

00:55:51,589 --> 00:55:49,040

and and figuring things out and

1223

00:55:54,710 --> 00:55:51,599

wonderment number one and number two in

1224

00:55:56,470 --> 00:55:54,720

science science is nothing but a series

1225

00:55:58,309 --> 00:55:56,480

of corrections

1226

00:55:59,990 --> 00:55:58,319

that's all it is

1227

00:56:01,750 --> 00:56:00,000

yeah yeah yeah yeah and some of those

1228

00:56:03,829 --> 00:56:01,760

corrections are bigger than other

1229

00:56:05,990 --> 00:56:03,839

corrections how do we lose sight of that

1230

00:56:07,990 --> 00:56:06,000

why is it now well no i don't think i

1231

00:56:08,789 --> 00:56:08,000

don't think anyone ever lost sight of

1232

00:56:09,589 --> 00:56:08,799

that

1233

00:56:12,549 --> 00:56:09,599

uh

1234

00:56:14,710 --> 00:56:12,559

but it's hard to apply when it's your

1235

00:56:18,390 --> 00:56:14,720

own personal career and you've got a

1236

00:56:20,870 --> 00:56:18,400

vested interest in making sure that

1237

00:56:22,789 --> 00:56:20,880

you know your papers are cited your

1238

00:56:25,910 --> 00:56:22,799

books are cited that someone doesn't

1239

00:56:27,430 --> 00:56:25,920

come out and say oh x y and z was wrong

1240

00:56:29,190 --> 00:56:27,440

after all that doesn't feel good when

1241

00:56:30,630 --> 00:56:29,200

you're x y and z and you're being told

1242

00:56:32,789 --> 00:56:30,640

you're wrong well when you're a

1243

00:56:35,510 --> 00:56:32,799

physicist you better be able to you got

1244

00:56:38,309 --> 00:56:35,520

to have some people in academia that pay

1245

00:56:40,549 --> 00:56:38,319

lip service to all the um

1246

00:56:43,030 --> 00:56:40,559

you know all the right ideals and

1247

00:56:45,430 --> 00:56:43,040

objectivity of science or any other

1248

00:56:47,589 --> 00:56:45,440

field yet to apply that in their own

1249

00:56:49,270 --> 00:56:47,599

lives that's a little more difficult

1250

00:56:50,630 --> 00:56:49,280

well i mean it's the same with religion

1251

00:56:53,270 --> 00:56:50,640

people who

1252

00:56:55,670 --> 00:56:53,280

profess to believe ex you know have

1253

00:56:58,470 --> 00:56:55,680

certain beliefs and that how you should

1254

00:57:01,510 --> 00:56:58,480

treat people etc but do they really

1255

00:57:03,990 --> 00:57:01,520

carry that out in their everyday life

1256

00:57:06,789 --> 00:57:04,000

if you go back robert if you go back to

1257

00:57:07,910 --> 00:57:06,799

san diego in 1992

1258

00:57:13,670 --> 00:57:07,920

when you

1259

00:57:16,390 --> 00:57:13,680

and down left and right

1260

00:57:17,430 --> 00:57:16,400

dude quit snooping around quit asking

1261

00:57:18,390 --> 00:57:17,440

questions

1262

00:57:21,349 --> 00:57:18,400

right

1263

00:57:24,309 --> 00:57:21,359

that that's that's the opposite of of of

1264

00:57:25,510 --> 00:57:24,319

what you should be doing and them too as

1265

00:57:27,829 --> 00:57:25,520

well

1266

00:57:29,030 --> 00:57:27,839

yeah okay but what you're referring to i

1267

00:57:31,589 --> 00:57:29,040

believe

1268

00:57:33,990 --> 00:57:31,599

is and correct me if um i'm thinking of

1269

00:57:36,230 --> 00:57:34,000

a different thing than you're referring

1270

00:57:37,910 --> 00:57:36,240

to when you say quit snooping around

1271

00:57:41,750 --> 00:57:37,920

you're talking about the egyptologist

1272

00:57:46,789 --> 00:57:44,390

um listeners yes on the type of thing

1273

00:57:49,349 --> 00:57:46,799

we're talking about i have

1274

00:57:52,309 --> 00:57:49,359

been early in my career with the sphinx

1275

00:57:54,390 --> 00:57:52,319

so we're talking early 1990s this is

1276

00:57:56,950 --> 00:57:54,400

before the confirmation of quebec lee

1277

00:57:59,430 --> 00:57:56,960

tepe which did wonders because there you

1278

00:58:01,990 --> 00:57:59,440

have a second site another site that's

1279

00:58:05,910 --> 00:58:02,000

incredibly sophisticated

1280

00:58:08,309 --> 00:58:05,920

goes back to uh 10 000 bc or so just for

1281

00:58:10,150 --> 00:58:08,319

those who forgot are having heard about

1282

00:58:11,190 --> 00:58:10,160

quebec like updates in southeastern

1283

00:58:13,510 --> 00:58:11,200

turkey

1284

00:58:16,309 --> 00:58:13,520

and confirms what i've been talking

1285

00:58:17,030 --> 00:58:16,319

about or had already been talking about

1286

00:58:19,109 --> 00:58:17,040

with

1287

00:58:20,549 --> 00:58:19,119

civilization going back to a much

1288

00:58:22,470 --> 00:58:20,559

earlier period

1289

00:58:23,750 --> 00:58:22,480

so getting back to what i was starting

1290

00:58:27,190 --> 00:58:23,760

to say

1291

00:58:30,150 --> 00:58:27,200

i in the early 1990s would go to these

1292

00:58:33,109 --> 00:58:30,160

conferences san diego was one of them

1293

00:58:36,069 --> 00:58:33,119

and i would talk to my fellow geologists

1294

00:58:37,589 --> 00:58:36,079

i would present this hardcore geological

1295

00:58:39,750 --> 00:58:37,599

data

1296

00:58:42,069 --> 00:58:39,760

as to why the sphinx goes back to this

1297

00:58:45,190 --> 00:58:42,079

earlier period based on the weathering

1298

00:58:47,910 --> 00:58:45,200

based on subsurface seismic testing that

1299

00:58:50,950 --> 00:58:47,920

i did with thomas de becky and the

1300

00:58:53,670 --> 00:58:50,960

geologists i spoke to

1301

00:58:56,309 --> 00:58:53,680

it was funny because they all agreed

1302

00:58:58,789 --> 00:58:56,319

with me the hardcore geologists

1303

00:59:00,829 --> 00:58:58,799

except that some of them said well you

1304

00:59:04,069 --> 00:59:00,839

know you might even be

1305

00:59:06,390 --> 00:59:04,079

underestimating how far back it goes

1306

00:59:09,829 --> 00:59:06,400

based on you know details of weathering

1307

00:59:13,030 --> 00:59:09,839

and subsurface um mineralogical changes

1308

00:59:15,510 --> 00:59:13,040

etc so if anything they were not only on

1309

00:59:17,829 --> 00:59:15,520

my side should we say but they were

1310

00:59:19,990 --> 00:59:17,839

in some cases saying you know they could

1311

00:59:22,230 --> 00:59:20,000

even be a bit older on the other hand

1312

00:59:23,750 --> 00:59:22,240

the egyptologists were livid in the

1313

00:59:27,670 --> 00:59:23,760

historians

1314

00:59:30,150 --> 00:59:27,680

and the archaeologists and

1315

00:59:33,030 --> 00:59:30,160

getting to the not snooping about i

1316

00:59:36,470 --> 00:59:33,040

actually had egyptologists tell me

1317

00:59:38,710 --> 00:59:36,480

bluntly one senior egyptologist i'm sure

1318

00:59:41,430 --> 00:59:38,720

he's deceased by now

1319

00:59:43,270 --> 00:59:41,440

he came up to me and he basically said

1320

00:59:45,589 --> 00:59:43,280

to paraphrase young man because i was

1321

00:59:47,030 --> 00:59:45,599

much younger back then of course a young

1322

00:59:49,109 --> 00:59:47,040

man

1323

00:59:51,030 --> 00:59:49,119

you're a geologist i don't know anything

1324

00:59:54,710 --> 00:59:51,040

about geology i don't know anything

1325

00:59:57,030 --> 00:59:54,720

about rocks i know you are wrong

1326

01:00:00,150 --> 00:59:57,040

and there are a lot of rocks around the

1327

01:00:03,589 --> 01:00:00,160

world and i suggest that you go study

1328

01:00:05,109 --> 01:00:03,599

your rocks somewhere other than in egypt

1329

01:00:06,069 --> 01:00:05,119

and and

1330

01:00:08,950 --> 01:00:06,079

it was

1331

01:00:10,150 --> 01:00:08,960

i didn't quite get it at the time but i

1332

01:00:13,109 --> 01:00:10,160

realized

1333

01:00:15,109 --> 01:00:13,119

not long after words that this was not

1334

01:00:17,270 --> 01:00:15,119

even really a veil threat he was

1335

01:00:20,549 --> 01:00:17,280

basically saying he was going to do

1336

01:00:21,589 --> 01:00:20,559

everything he could to ruin my career

1337

01:00:23,109 --> 01:00:21,599

if

1338

01:00:25,670 --> 01:00:23,119

i persisted

1339

01:00:29,589 --> 01:00:25,680

and i remember uh one of the statements

1340

01:00:31,910 --> 01:00:29,599

that was made in in san diego in 1992

1341

01:00:34,150 --> 01:00:31,920

was this generalized thing look

1342

01:00:37,829 --> 01:00:34,160

show us one thing

1343

01:00:40,069 --> 01:00:37,839

that is megalithic before uh

1344

01:00:42,870 --> 01:00:40,079

before gisa we can have a conversation

1345

01:00:45,670 --> 01:00:42,880

but nothing there nothing exists so

1346

01:00:49,030 --> 01:00:45,680

until you show us that well three years

1347

01:00:52,549 --> 01:00:49,040

later go back to tepe pops up exactly

1348

01:00:54,630 --> 01:00:52,559

exactly go beckley tepe and as i point

1349

01:00:58,710 --> 01:00:54,640

out to many people including my students

1350

01:01:00,950 --> 01:00:58,720

when we discuss such things if

1351

01:01:03,990 --> 01:01:00,960

the community at large and i'm saying

1352

01:01:06,870 --> 01:01:04,000

now scientific or academic community is

1353

01:01:09,670 --> 01:01:06,880

unwilling to accept the first piece of

1354

01:01:12,150 --> 01:01:09,680

evidence and just destroys it throws it

1355

01:01:14,870 --> 01:01:12,160

out etc well you're never going to get

1356

01:01:17,829 --> 01:01:14,880

anywhere um to use some sort of a very

1357

01:01:19,510 --> 01:01:17,839

simple example the first recognized

1358

01:01:22,789 --> 01:01:19,520

dinosaur bone well if you say well

1359

01:01:24,789 --> 01:01:22,799

that's impossible big you know reptilian

1360

01:01:26,789 --> 01:01:24,799

type of animals could never have lived

1361

01:01:28,950 --> 01:01:26,799

millions of years ago

1362

01:01:32,950 --> 01:01:28,960

on such an enormous scale this must just

1363

01:01:34,950 --> 01:01:32,960

be a freak of nature we toss it out

1364

01:01:36,789 --> 01:01:34,960

you never want to accumulate evidence if

1365

01:01:38,789 --> 01:01:36,799

you toss it out every time just because

1366

01:01:41,270 --> 01:01:38,799

it doesn't match your beliefs

1367

01:01:43,829 --> 01:01:41,280

another example is meteorites a lot of

1368

01:01:45,750 --> 01:01:43,839

people don't realize that it was only

1369

01:01:47,990 --> 01:01:45,760

about what 200

1370

01:01:50,470 --> 01:01:48,000

plus years ago that

1371

01:01:52,630 --> 01:01:50,480

the quote scientific community

1372

01:01:54,950 --> 01:01:52,640

recognized that things could actually

1373

01:01:55,990 --> 01:01:54,960

fall from the sky like big chunks of

1374

01:01:58,789 --> 01:01:56,000

rock

1375

01:02:01,430 --> 01:01:58,799

they made fun of the quote peasants that

1376

01:02:03,430 --> 01:02:01,440

had actually observed them directly oh

1377

01:02:06,150 --> 01:02:03,440

that couldn't be the case it just wasn't

1378

01:02:07,589 --> 01:02:06,160

logical let's take our break right here

1379

01:02:10,150 --> 01:02:07,599

our guest tonight

1380

01:02:13,270 --> 01:02:10,160

doctor something in my throat

1381

01:02:15,190 --> 01:02:13,280

dr robert m shock i am your host jimmy

1382

01:02:16,789 --> 01:02:15,200

church i'm gonna hold the book up to the

1383

01:02:19,109 --> 01:02:16,799

camera for everybody there it is

1384

01:02:21,430 --> 01:02:19,119

forgotten civilization

1385

01:02:24,309 --> 01:02:21,440

the revised and expanded and updated

1386

01:02:25,750 --> 01:02:24,319

edition you can get your copy now and

1387

01:02:28,150 --> 01:02:25,760

the links for everything are over at

1388

01:02:29,829 --> 01:02:28,160

jimmychurchradio.com

1389

01:02:32,790 --> 01:02:29,839

this is fade to black we'll be right

1390

01:02:38,069 --> 01:02:32,800

back after this short break stay with us

1391

01:02:40,290 --> 01:02:39,560

so

1392

01:02:48,150 --> 01:02:40,300

[Applause]

1393

01:02:50,390 --> 01:02:48,160

[Music]

1394

01:02:52,950 --> 01:02:50,400

this is fade to black with jimmy church

1395

01:02:57,670 --> 01:02:52,960

on the game changer radio network and

1396

01:03:00,150 --> 01:02:57,680

kgra the global radio alliance

1397

01:03:01,190 --> 01:03:00,160

this is kgra digital broadcasting

1398

01:03:06,630 --> 01:03:01,200

station

1399

01:03:11,829 --> 01:03:08,549

this is billy carson with forbidden

1400

01:03:13,829 --> 01:03:11,839

knowledge dot tv forbidden knowledge tv

1401

01:03:16,950 --> 01:03:13,839

has just reached its one year

1402

01:03:19,270 --> 01:03:16,960

anniversary that's right one year and as

1403

01:03:22,069 --> 01:03:19,280

a show of appreciation we are giving all

1404

01:03:25,109 --> 01:03:22,079

new subscribers a free 30-day trial of

1405

01:03:28,230 --> 01:03:25,119

forbidden knowledge dot tv that's 30

1406

01:03:30,789 --> 01:03:28,240

days to binge watch thousands of movies

1407

01:03:33,829 --> 01:03:30,799

documentaries conferences workshops

1408

01:03:36,470 --> 01:03:33,839

lectures yoga classes meditation courses

1409

01:03:38,789 --> 01:03:36,480

and so much more so log on to forbidden

1410

01:03:40,950 --> 01:03:38,799

knowledge dot tv from your computer or

1411

01:03:45,510 --> 01:03:40,960

mobile device or get the forbidden

1412

01:03:48,549 --> 01:03:45,520

knowledge tv app on apple tv roku amazon

1413

01:03:52,150 --> 01:03:48,559

itunes or google play today and use

1414

01:03:54,710 --> 01:03:52,160

coupon code 30 days free that's coupon

1415

01:03:59,589 --> 01:03:54,720

code 30 days free on forbidden knowledge

1416

01:04:03,750 --> 01:04:01,670

because you never got that pony you

1417

01:04:05,430 --> 01:04:03,760

always wanted

1418

01:04:07,829 --> 01:04:05,440

damn it

1419

01:04:13,790 --> 01:04:07,839

jimmy church and fade to black on the

1420

01:04:18,230 --> 01:04:14,950

[Music]

1421

01:04:20,549 --> 01:04:18,240

listen i know and you know that you've

1422

01:04:22,789 --> 01:04:20,559

always wanted your first crystal skull

1423

01:04:24,950 --> 01:04:22,799

or maybe you're a collector just like me

1424

01:04:26,789 --> 01:04:24,960

but you just don't know where to go to

1425

01:04:29,430 --> 01:04:26,799

find the real thing

1426
01:04:31,430 --> 01:04:29,440
then i met carolyn ford over at einstein

1427
01:04:33,910 --> 01:04:31,440
the crystalskull.com

1428
01:04:35,829 --> 01:04:33,920
carolyn is the guardian of einstein one

1429
01:04:38,309 --> 01:04:35,839
of the most respected ancient crystal

1430
01:04:40,150 --> 01:04:38,319
skulls in the world all of her unique

1431
01:04:42,549 --> 01:04:40,160
skulls have been imprinted sitting with

1432
01:04:44,470 --> 01:04:42,559
einstein in his sacred lodge and are

1433
01:04:47,190 --> 01:04:44,480
carved from the finest gemstone and

1434
01:04:49,270 --> 01:04:47,200
materials imprinting is the process of

1435
01:04:52,789 --> 01:04:49,280
receiving the ancient wisdom from the

1436
01:04:55,270 --> 01:04:52,799
master skull or master computer einstein

1437
01:04:57,029 --> 01:04:55,280
the ancient crystal skull to see

1438
01:04:59,750 --> 01:04:57,039

carolyn's current collection of crystal

1439

01:05:01,589 --> 01:04:59,760

skulls just visit her store at einstein

1440

01:05:03,910 --> 01:05:01,599

the crystalskull.com

1441

01:05:06,390 --> 01:05:03,920

click on the banner over on our site

1442

01:05:09,029 --> 01:05:06,400

don't forget to use the promo code jimmy

1443

01:05:12,309 --> 01:05:09,039

at checkout to receive 10 off of your

1444

01:05:14,549 --> 01:05:12,319

order today that's promo code jimmy

1445

01:05:17,589 --> 01:05:14,559

finding your first or next crystal skull

1446

01:05:20,950 --> 01:05:17,599

is easy just visit einstein the crystal

1447

01:05:25,750 --> 01:05:23,109

when you take the beans from central

1448

01:05:28,150 --> 01:05:25,760

america with dashes of indonesian and

1449

01:05:31,349 --> 01:05:28,160

african mixed in and then roasted to the

1450

01:05:33,829 --> 01:05:31,359

dark side of fate to black you create

1451

01:05:36,789 --> 01:05:33,839

the ultimate brew of fringe

1452

01:05:40,069 --> 01:05:36,799

introducing the fade to black blend from

1453

01:05:42,870 --> 01:05:40,079

river moon coffee yes river moon's

1454

01:05:45,670 --> 01:05:42,880

darkest customized roast was created for

1455

01:05:48,309 --> 01:05:45,680

the love of fade to black

1456

01:05:50,870 --> 01:05:48,319

the alchemy of masterful roasting and

1457

01:05:54,470 --> 01:05:50,880

smoking the beans is in every sip of

1458

01:05:57,430 --> 01:05:54,480

this full-bodied dark java i need my

1459

01:05:59,670 --> 01:05:57,440

coffee doc deep with distinct

1460

01:06:02,470 --> 01:05:59,680

bittersweet chocolate highlights just

1461

01:06:05,029 --> 01:06:02,480

like the bunker leaning further into the

1462

01:06:08,150 --> 01:06:05,039

darkness of the roast is fade to black

1463

01:06:10,309 --> 01:06:08,160

blend from river moon coffee just click

1464

01:06:13,990 --> 01:06:10,319

on the banner at jimmychurchradio.com

1465

01:06:23,589 --> 01:06:14,000

and use the promo code f2b blend for 15

1466

01:06:27,349 --> 01:06:25,510

hi this is ray sobbs here repping the

1467

01:06:30,549 --> 01:06:27,359

planet and you're listening to my good

1468

01:06:33,109 --> 01:06:30,559

friend jimmy church fade to black on the

1469

01:06:36,630 --> 01:06:33,119

game changer network and the kgra

1470

01:06:38,870 --> 01:06:36,640

digital broadcast station

1471

01:06:40,950 --> 01:06:38,880

this is toby kebbel you're listening to

1472

01:06:43,910 --> 01:06:40,960

jimmychurchradio.com

1473

01:06:46,230 --> 01:06:43,920

don't hurt me jimmy i'm only little hey

1474

01:06:51,430 --> 01:06:46,240

i'm adrian grenier and this is ari gold

1475

01:06:55,430 --> 01:06:53,829

hey i'm adrian grenier and i'm ari gold

1476

01:06:57,670 --> 01:06:55,440

we're the honey brothers

1477

01:06:59,270 --> 01:06:57,680

and you're listening to jimmy church a

1478

01:07:00,950 --> 01:06:59,280

revolution

1479

01:07:02,870 --> 01:07:00,960

this is jimmy church of fade to black

1480

01:07:05,190 --> 01:07:02,880

and you can become an official fate or

1481

01:07:06,150 --> 01:07:05,200

not by just going to our membership

1482

01:07:09,510 --> 01:07:06,160

section

1483

01:07:13,829 --> 01:07:11,510

hello this is serena wright taylor from

1484

01:07:16,230 --> 01:07:13,839

conscious life expo and you're listening

1485

01:07:18,549 --> 01:07:16,240

to fade to black with jimmy church who

1486

01:07:22,150 --> 01:07:18,559

holds the lucky pony record for the best

1487

01:07:23,990 --> 01:07:22,160

astrological chart since 1963. true

1488

01:07:25,750 --> 01:07:24,000

story

1489

01:07:27,349 --> 01:07:25,760

this is micah hanks of the ghrelian

1490

01:07:29,750 --> 01:07:27,359

report and you're listening to jimmy

1491

01:07:31,589 --> 01:07:29,760

church on fade to black across the globe

1492

01:07:36,630 --> 01:07:31,599

on the game changer radio network and

1493

01:07:55,430 --> 01:07:36,640

the one and only kgra radio the planet

1494

01:07:59,430 --> 01:07:57,109

welcome back fade to black i am your

1495

01:08:02,470 --> 01:07:59,440

host jimmy church tonight robert m shock

1496

01:08:04,710 --> 01:08:02,480

is here man i'm so happy

1497

01:08:06,630 --> 01:08:04,720

get to hang out with robert for the next

1498

01:08:10,549 --> 01:08:06,640

couple hours

1499

01:08:13,029 --> 01:08:10,559

what are you talking about how long is

1500

01:08:17,590 --> 01:08:13,039

this show jimmy hey robert

1501

01:08:18,950 --> 01:08:17,600

um the new the big news the big news a

1502

01:08:20,950 --> 01:08:18,960

couple of months ago and i mean i

1503

01:08:23,510 --> 01:08:20,960

couldn't believe my eyes

1504

01:08:25,990 --> 01:08:23,520

renaming gobekli tepi

1505

01:08:28,229 --> 01:08:26,000

to 12 tapi

1506

01:08:30,950 --> 01:08:28,239

what did you make of that

1507

01:08:32,550 --> 01:08:30,960

the 12 teppy oh you didn't know

1508

01:08:35,669 --> 01:08:32,560

oh my

1509

01:08:37,829 --> 01:08:35,679

yeah what are you referring to okay uh

1510

01:08:40,309 --> 01:08:37,839

there's a press release

1511

01:08:43,110 --> 01:08:40,319

yeah uh you can look it up

1512

01:08:46,870 --> 01:08:43,120

uh they found uh

1513

01:08:48,229 --> 01:08:46,880

11 more gobekli tepes

1514

01:08:51,430 --> 01:08:48,239

that's that's what i thought you were

1515

01:08:53,430 --> 01:08:51,440

referring to yes um but by claytope is

1516

01:08:57,110 --> 01:08:53,440

still called quebec latex i think that

1517

01:08:59,910 --> 01:08:57,120

they're they've renamed the site 12 tepi

1518

01:09:01,510 --> 01:08:59,920

yeah but that's the uh larger site and

1519

01:09:03,749 --> 01:09:01,520

in fact that's just something i would

1520

01:09:06,789 --> 01:09:03,759

want to bring up um so it's funny that

1521

01:09:10,309 --> 01:09:06,799

you bring it up because the whole site

1522

01:09:13,349 --> 01:09:10,319

is so huge it's so humongous

1523

01:09:14,950 --> 01:09:13,359

uh and when i was there with the late uh

1524

01:09:16,550 --> 01:09:14,960

klaus schmidt

1525

01:09:18,070 --> 01:09:16,560

that um

1526

01:09:20,390 --> 01:09:18,080

you know unfortunately he died

1527

01:09:22,470 --> 01:09:20,400

prematurely and for those that don't

1528

01:09:24,630 --> 01:09:22,480

know or don't remember it was klaus

1529

01:09:26,149 --> 01:09:24,640

schmidt of the german archaeological

1530

01:09:29,269 --> 01:09:26,159

institute

1531

01:09:32,070 --> 01:09:29,279

who uh first started excavating quebec

1532

01:09:35,510 --> 01:09:32,080

lee tappana again as we were discussing

1533

01:09:37,510 --> 01:09:35,520

this was after i had first presented my

1534

01:09:39,749 --> 01:09:37,520

work on the sphinx so people were asking

1535

01:09:43,110 --> 01:09:39,759

me where's the rather megalithic sites

1536

01:09:44,229 --> 01:09:43,120

that go back to that early period

1537

01:09:46,229 --> 01:09:44,239

uh

1538

01:09:47,990 --> 01:09:46,239

and you know i was with him katie and i

1539

01:09:50,149 --> 01:09:48,000

were with him there and he we were

1540

01:09:52,870 --> 01:09:50,159

talking about and he sort of waved his

1541

01:09:54,550 --> 01:09:52,880

arm around to all the hills around

1542

01:09:56,709 --> 01:09:54,560

gobekli tepe

1543

01:09:59,189 --> 01:09:56,719

and said that so many of these are

1544

01:10:00,950 --> 01:09:59,199

probably artificial also and contain

1545

01:10:03,910 --> 01:10:00,960

other remains

1546

01:10:07,030 --> 01:10:03,920

under them that this is really a

1547

01:10:09,990 --> 01:10:07,040

huge collective complex so that's what

1548

01:10:11,990 --> 01:10:10,000

that's why they're renaming it that um i

1549

01:10:14,550 --> 01:10:12,000

still think of the actual

1550

01:10:16,070 --> 01:10:14,560

core portion as gobekli tapping i think

1551

01:10:19,189 --> 01:10:16,080

it it's probably in the village are

1552

01:10:21,830 --> 01:10:19,199

always going to keep that name now

1553

01:10:26,070 --> 01:10:21,840

it's a really huge site and i also want

1554

01:10:28,070 --> 01:10:26,080

to um comment if if i could that a lot

1555

01:10:30,630 --> 01:10:28,080

of people when i see a lot of people

1556

01:10:33,510 --> 01:10:30,640

archaeologists they say oh these are

1557

01:10:36,070 --> 01:10:33,520

just primitive hunter gatherers

1558

01:10:39,430 --> 01:10:36,080

they didn't have settlements they didn't

1559

01:10:42,630 --> 01:10:39,440

have um cities you need to have cities

1560

01:10:44,709 --> 01:10:42,640

and settlements and permanent sites of

1561

01:10:46,790 --> 01:10:44,719

habitation if you're going to call it

1562

01:10:49,270 --> 01:10:46,800

true civilization because i'm making the

1563

01:10:51,510 --> 01:10:49,280

case in forgotten civilization

1564

01:10:54,390 --> 01:10:51,520

uh with lots of evidence that

1565

01:10:57,350 --> 01:10:54,400

no this is true civilization before the

1566

01:10:58,630 --> 01:10:57,360

end of the last ice age uh they had and

1567

01:11:00,950 --> 01:10:58,640

i talked about this in forgotten

1568

01:11:03,669 --> 01:11:00,960

civilization the new edition

1569

01:11:07,110 --> 01:11:03,679

that i'm now convinced they had writing

1570

01:11:08,950 --> 01:11:07,120

uh they were incredibly sophisticated

1571

01:11:12,310 --> 01:11:08,960

where's their city

1572

01:11:15,270 --> 01:11:12,320

and i am now of the belief that their

1573

01:11:17,510 --> 01:11:15,280

quote city is still with us it's a city

1574

01:11:18,709 --> 01:11:17,520

of irfar chalfa

1575

01:11:21,270 --> 01:11:18,719

where um

1576

01:11:24,790 --> 01:11:21,280

so-called irfa man this 12 000 year old

1577

01:11:26,550 --> 01:11:24,800

statue life-size statue of a human

1578

01:11:29,270 --> 01:11:26,560

beautifully carved do you think you

1579

01:11:31,750 --> 01:11:29,280

would think it was carved you know

1580

01:11:33,350 --> 01:11:31,760

50 years ago or 10 years ago that more

1581

01:11:35,430 --> 01:11:33,360

or less it's a modern carving if you

1582

01:11:36,790 --> 01:11:35,440

just looked at it looks so modernistic

1583

01:11:38,950 --> 01:11:36,800

and beautiful

1584

01:11:44,070 --> 01:11:38,960

so these were incredibly sophisticated

1585

01:11:45,270 --> 01:11:44,080

with a city that today is still occupied

1586

01:11:47,830 --> 01:11:45,280

i believe

1587

01:11:51,030 --> 01:11:47,840

uh wherever whenever they do

1588

01:11:54,229 --> 01:11:51,040

construction work in the modern urfa

1589

01:11:56,870 --> 01:11:54,239

which is only a 15 20 30 minute drive

1590

01:11:58,550 --> 01:11:56,880

from quebecois tepe the quebecois tepe

1591

01:12:00,149 --> 01:11:58,560

complex whenever they do modern

1592

01:12:01,990 --> 01:12:00,159

construction or

1593

01:12:03,350 --> 01:12:02,000

new road work or

1594

01:12:05,750 --> 01:12:03,360

build an under

1595

01:12:06,870 --> 01:12:05,760

uh ground garage they hit this older

1596

01:12:10,709 --> 01:12:06,880

stratum

1597

01:12:14,709 --> 01:12:10,719

of um quebecois tepe time and often find

1598

01:12:20,070 --> 01:12:14,719

incredibly sophisticated artifacts now

1599

01:12:25,110 --> 01:12:21,590

take a guess

1600

01:12:28,709 --> 01:12:25,120

do you think that these additional 11

1601

01:12:31,030 --> 01:12:28,719

sites that that ring gobekli tepe

1602

01:12:33,910 --> 01:12:31,040

is there a possibility that

1603

01:12:36,229 --> 01:12:33,920

they are older than go back to italy

1604

01:12:39,590 --> 01:12:36,239

yeah and that we're now absolutely in

1605

01:12:42,550 --> 01:12:39,600

fact we don't really know how far back

1606

01:12:45,590 --> 01:12:42,560

the beckley tepe itself goes we don't

1607

01:12:47,510 --> 01:12:45,600

know how far back these other sites go

1608

01:12:49,189 --> 01:12:47,520

uh and they're all their own little

1609

01:12:50,709 --> 01:12:49,199

tepees should we say which you know it's

1610

01:12:52,149 --> 01:12:50,719

basically hills

1611

01:12:54,390 --> 01:12:52,159

um

1612

01:12:57,990 --> 01:12:56,229

where you have excavation sites where

1613

01:12:59,910 --> 01:12:58,000

it's been filled over and another thing

1614

01:13:01,510 --> 01:12:59,920

about quebec lake tape and a lot of

1615

01:13:03,590 --> 01:13:01,520

these other sites is that they were

1616

01:13:06,229 --> 01:13:03,600

purposefully covered over they were

1617

01:13:08,870 --> 01:13:06,239

purposefully buried and

1618

01:13:11,590 --> 01:13:08,880

i am convinced based on the evidence

1619

01:13:13,590 --> 01:13:11,600

that that has to do with the calamities

1620

01:13:15,590 --> 01:13:13,600

the catastrophes

1621

01:13:17,830 --> 01:13:15,600

uh the cataclysm

1622

01:13:20,790 --> 01:13:17,840

that occurred at the end of the last ice

1623

01:13:23,669 --> 01:13:20,800

age with with major solar outbursts

1624

01:13:26,630 --> 01:13:23,679

but certainly what we have

1625

01:13:28,790 --> 01:13:26,640

i'm convinced with quebec lee tepe and

1626

01:13:30,950 --> 01:13:28,800

the supplementary sites i'll refer to as

1627

01:13:32,390 --> 01:13:30,960

supplementary sites right now

1628

01:13:35,910 --> 01:13:32,400

is a situation

1629

01:13:40,229 --> 01:13:35,920

where we had a civilization

1630

01:13:42,709 --> 01:13:40,239

really well developed at its height

1631

01:13:45,910 --> 01:13:42,719

um and it was essentially

1632

01:13:47,189 --> 01:13:45,920

if not exactly snuffed out thrown back

1633

01:13:51,750 --> 01:13:47,199

to

1634

01:13:54,630 --> 01:13:51,760

a much simpler state in 9700 bc

1635

01:13:56,630 --> 01:13:54,640

with the catastrophes that ended the

1636

01:13:58,950 --> 01:13:56,640

last ice age and

1637

01:14:01,110 --> 01:13:58,960

all of a sudden you know change climatic

1638

01:14:03,590 --> 01:14:01,120

patterns and

1639

01:14:06,550 --> 01:14:03,600

cause massive extinctions

1640

01:14:09,830 --> 01:14:06,560

around the globe again all

1641

01:14:12,870 --> 01:14:09,840

contributed to a solar outburst which is

1642

01:14:15,430 --> 01:14:12,880

what i discuss in the book

1643

01:14:17,350 --> 01:14:15,440

so when you look at quebec lee tepe

1644

01:14:19,750 --> 01:14:17,360

right now

1645

01:14:22,550 --> 01:14:19,760

you can see what was excavate you can

1646

01:14:26,310 --> 01:14:22,560

see what goes back to the end of the

1647

01:14:29,669 --> 01:14:26,320

last ice age 9700 bc and something that

1648

01:14:32,070 --> 01:14:29,679

i actually came to conclude and i had a

1649

01:14:34,470 --> 01:14:32,080

chance to speak with dr schmidt about

1650

01:14:37,350 --> 01:14:34,480

this briefly last time i saw him of

1651
01:14:38,709 --> 01:14:37,360
course before he unexpectedly passed

1652
01:14:41,270 --> 01:14:38,719
away

1653
01:14:43,430 --> 01:14:41,280
was that some of the pillars we have at

1654
01:14:47,270 --> 01:14:43,440
quebec lake tepe

1655
01:14:50,470 --> 01:14:47,280
were reused so they were actually older

1656
01:14:51,990 --> 01:14:50,480
pillars older artifacts that had been

1657
01:14:55,270 --> 01:14:52,000
reused

1658
01:14:58,470 --> 01:14:55,280
and we're talking about reusing them

1659
01:15:01,510 --> 01:14:58,480
approximately 12 000 years ago but

1660
01:15:04,229 --> 01:15:01,520
essentially they were older structures

1661
01:15:06,950 --> 01:15:04,239
and came from older structures still

1662
01:15:09,110 --> 01:15:06,960
so minimally

1663
01:15:11,030 --> 01:15:09,120

based on the evidence we have at hand

1664

01:15:13,830 --> 01:15:11,040

which is incomplete

1665

01:15:15,430 --> 01:15:13,840

i'm estimating that quebecois depe was

1666

01:15:17,990 --> 01:15:15,440

used for several

1667

01:15:20,709 --> 01:15:18,000

thousand years now it goes back at least

1668

01:15:22,630 --> 01:15:20,719

several thousand years

1669

01:15:25,189 --> 01:15:22,640

before

1670

01:15:27,110 --> 01:15:25,199

it came to its demise so how far back

1671

01:15:29,750 --> 01:15:27,120

this earlier civil

1672

01:15:33,030 --> 01:15:29,760

earlier civilization goes we really

1673

01:15:35,350 --> 01:15:33,040

don't know at this point uh we know

1674

01:15:37,350 --> 01:15:35,360

effectively when it ended

1675

01:15:39,189 --> 01:15:37,360

at the end of the last ice age and then

1676

01:15:41,030 --> 01:15:39,199

what katie and i

1677

01:15:43,750 --> 01:15:41,040

and other people are now calling the

1678

01:15:47,669 --> 01:15:43,760

solar induced dark age that goes from

1679

01:15:50,390 --> 01:15:47,679

about 9 700 bc to the reemergence of

1680

01:15:53,110 --> 01:15:50,400

civilization about 3500

1681

01:15:54,950 --> 01:15:53,120

bc that six thousand year

1682

01:15:57,430 --> 01:15:54,960

dark age

1683

01:16:00,870 --> 01:15:57,440

uh well i mean it goes we just don't

1684

01:16:04,750 --> 01:16:00,880

know yeah so let me let me ask you this

1685

01:16:06,870 --> 01:16:04,760

this civilization are we

1686

01:16:09,110 --> 01:16:06,880

referring to

1687

01:16:12,950 --> 01:16:09,120

hunter-gatherers are we talking about a

1688

01:16:15,990 --> 01:16:12,960

civilization robert that was upright uh

1689

01:16:19,430 --> 01:16:16,000

agriculture religion uh

1690

01:16:22,229 --> 01:16:19,440

a political system and a government

1691

01:16:25,110 --> 01:16:22,239

and all systems in place writing no we

1692

01:16:27,270 --> 01:16:25,120

are talking more along the lines of the

1693

01:16:30,149 --> 01:16:27,280

latter um

1694

01:16:31,669 --> 01:16:30,159

but i say along the lines of the latter

1695

01:16:36,630 --> 01:16:31,679

because

1696

01:16:39,110 --> 01:16:36,640

it's very

1697

01:16:41,669 --> 01:16:39,120

something that i have a lot of issues

1698

01:16:43,189 --> 01:16:41,679

with is some of my colleagues when i say

1699

01:16:44,870 --> 01:16:43,199

some of my colleagues i'm thinking of my

1700

01:16:47,669 --> 01:16:44,880

academic colleagues as well as other

1701

01:16:50,870 --> 01:16:47,679

people my academic colleagues who like

1702

01:16:53,510 --> 01:16:50,880

to look at ancient civilization through

1703

01:16:54,669 --> 01:16:53,520

the lens of our own civilization with

1704

01:16:59,149 --> 01:16:54,679

our own

1705

01:17:01,830 --> 01:16:59,159

you know

1706

01:17:04,870 --> 01:17:01,840

inclinations our own understanding and

1707

01:17:06,630 --> 01:17:04,880

they weren't us necessarily so were they

1708

01:17:08,950 --> 01:17:06,640

hunter gatherers

1709

01:17:11,110 --> 01:17:08,960

not in the sense that we think of as

1710

01:17:13,110 --> 01:17:11,120

hunter gatherers they were a true

1711

01:17:16,390 --> 01:17:13,120

civilization i'm convinced i'm actually

1712

01:17:19,110 --> 01:17:16,400

convinced they had uh writing that they

1713

01:17:20,950 --> 01:17:19,120

uh did science as we would see it but

1714

01:17:23,350 --> 01:17:20,960

did they necessarily make the same

1715

01:17:25,750 --> 01:17:23,360

distinctions between the various fields

1716

01:17:29,030 --> 01:17:25,760

let's say science and religion and

1717

01:17:30,950 --> 01:17:29,040

philosophy that we do not necessarily

1718

01:17:32,870 --> 01:17:30,960

but as i discuss in the book they seem

1719

01:17:36,070 --> 01:17:32,880

to for instance have had

1720

01:17:38,790 --> 01:17:36,080

um a very good concept of what we would

1721

01:17:41,430 --> 01:17:38,800

now call plasma physics solar plasma

1722

01:17:43,270 --> 01:17:41,440

physics well that makes sense actually

1723

01:17:45,830 --> 01:17:43,280

because they were living

1724

01:17:47,910 --> 01:17:45,840

at the end of their civilization at

1725

01:17:49,910 --> 01:17:47,920

least at a time when the sun was

1726

01:17:51,430 --> 01:17:49,920

erupting and they were observing what

1727

01:17:56,070 --> 01:17:51,440

the sun was doing and they may have

1728

01:17:58,229 --> 01:17:56,080

known the signs of what to look for be

1729

01:17:59,669 --> 01:17:58,239

you know when a solar outburst was about

1730

01:18:02,070 --> 01:17:59,679

to occur

1731

01:18:04,470 --> 01:18:02,080

i just give that as one example they

1732

01:18:08,390 --> 01:18:04,480

were certainly building

1733

01:18:11,510 --> 01:18:08,400

uh you know incredible megalithic sites

1734

01:18:15,189 --> 01:18:11,520

how they did that with a little bit of

1735

01:18:17,430 --> 01:18:15,199

technology that we're aware of i cannot

1736

01:18:20,470 --> 01:18:17,440

cogently explain

1737

01:18:23,430 --> 01:18:20,480

i don't necessarily

1738

01:18:25,510 --> 01:18:23,440

subscribe to what katie refers to as the

1739

01:18:27,669 --> 01:18:25,520

chip chip method more or less you know

1740

01:18:30,229 --> 01:18:27,679

the classic archaeological thing though

1741

01:18:32,149 --> 01:18:30,239

you just use very very primitive stone

1742

01:18:34,149 --> 01:18:32,159

tools and you just chip chip chip chip

1743

01:18:36,470 --> 01:18:34,159

chip chip and you take you know 20

1744

01:18:39,750 --> 01:18:36,480

generations to make one i'm exaggerating

1745

01:18:42,470 --> 01:18:39,760

a little bit but to carve out one pillar

1746

01:18:46,709 --> 01:18:42,480

uh when you look at the workmanship etc

1747

01:18:49,750 --> 01:18:46,719

it just doesn't add up in that sense

1748

01:18:52,149 --> 01:18:49,760

did they have agriculture

1749

01:19:01,510 --> 01:18:52,159

we don't know

1750

01:19:05,830 --> 01:19:03,270

right now right in front of everybody

1751

01:19:08,070 --> 01:19:05,840

and i'll do it again too robert is this

1752

01:19:10,310 --> 01:19:08,080

and this is where i will i will debate

1753

01:19:13,590 --> 01:19:10,320

katie on this and i love her to death

1754

01:19:15,350 --> 01:19:13,600

but yeah when i when you look at just

1755

01:19:17,270 --> 01:19:15,360

forget about the other 11 sites that

1756

01:19:20,709 --> 01:19:17,280

they have right there but when you look

1757

01:19:23,030 --> 01:19:20,719

at the size of gobekli tepe itself and

1758

01:19:25,510 --> 01:19:23,040

we still don't know how deep and how big

1759

01:19:27,510 --> 01:19:25,520

it actually is we don't know but

1760

01:19:30,950 --> 01:19:27,520

you have to have

1761

01:19:33,990 --> 01:19:30,960

a an organization in place

1762

01:19:35,830 --> 01:19:34,000

to support the workers that are

1763

01:19:37,350 --> 01:19:35,840

quarrying that are moving the stones you

1764

01:19:38,070 --> 01:19:37,360

have to clothe them you have to feed

1765

01:19:40,070 --> 01:19:38,080

them

1766

01:19:43,350 --> 01:19:40,080

you have to caught you have to there has

1767

01:19:45,830 --> 01:19:43,360

to be a system in place that is

1768

01:19:47,830 --> 01:19:45,840

organized you have to have a call no i

1769

01:19:49,750 --> 01:19:47,840

we i didn't i didn't say she didn't say

1770

01:19:52,229 --> 01:19:49,760

that okay it's a good thing she did

1771

01:19:55,510 --> 01:19:52,239

because she's gonna face me then um what

1772

01:19:57,030 --> 01:19:55,520

i'm i was saying is that um to suggest

1773

01:19:59,990 --> 01:19:57,040

that they were doing this all with

1774

01:20:01,750 --> 01:20:00,000

incredibly primitive tools i don't think

1775

01:20:03,830 --> 01:20:01,760

makes sense that's why i was referring

1776

01:20:07,189 --> 01:20:03,840

no no katie they weren't chip chipping

1777

01:20:09,350 --> 01:20:07,199

no they weren't chip chipping and no no

1778

01:20:11,189 --> 01:20:09,360

they had to be organized this is

1779

01:20:15,990 --> 01:20:11,199

interesting because one of the things

1780

01:20:17,510 --> 01:20:16,000

that i was told in 19 i think 1991 by

1781

01:20:20,070 --> 01:20:17,520

egyptologist

1782

01:20:22,470 --> 01:20:20,080

was that uh and i talked about this

1783

01:20:25,030 --> 01:20:22,480

actually in the book

1784

01:20:27,189 --> 01:20:25,040

one of the things that i was told is

1785

01:20:28,709 --> 01:20:27,199

that um

1786

01:20:30,149 --> 01:20:28,719

back in

1787

01:20:31,350 --> 01:20:30,159

before

1788

01:20:33,430 --> 01:20:31,360

you know back in

1789

01:20:37,270 --> 01:20:33,440

gatherer times more or less you know 10

1790

01:20:39,110 --> 01:20:37,280

000 bc or 7000 bc or something like that

1791

01:20:40,550 --> 01:20:39,120

oh they didn't have the social

1792

01:20:42,709 --> 01:20:40,560

structures they didn't have the

1793

01:20:45,430 --> 01:20:42,719

willpower how you know what the

1794

01:20:47,189 --> 01:20:45,440

willpower is on the part of ancient

1795

01:20:48,870 --> 01:20:47,199

people i have no clue but they didn't

1796

01:20:50,870 --> 01:20:48,880

have somehow they didn't have the

1797

01:20:53,910 --> 01:20:50,880

willpower to

1798

01:20:55,669 --> 01:20:53,920

organize themselves to create

1799

01:20:58,709 --> 01:20:55,679

megalithic structures well that's

1800

01:21:00,470 --> 01:20:58,719

disproven by beckley tape that's

1801
01:21:02,470 --> 01:21:00,480
disproven by my

1802
01:21:04,470 --> 01:21:02,480
work on the sphinx they had to have the

1803
01:21:06,390 --> 01:21:04,480
social structures they had to have the

1804
01:21:08,310 --> 01:21:06,400
organizations

1805
01:21:11,189 --> 01:21:08,320
the one comment i wanted to make about

1806
01:21:14,790 --> 01:21:11,199
hunter gathers is that we have hunter

1807
01:21:18,470 --> 01:21:14,800
gatherer societies today which are very

1808
01:21:21,189 --> 01:21:18,480
very marginalized uh so when we look at

1809
01:21:23,750 --> 01:21:21,199
hunter-gatherer societies today most

1810
01:21:27,110 --> 01:21:23,760
people think of very quote primitive

1811
01:21:29,990 --> 01:21:27,120
societies unquote that have to spend all

1812
01:21:32,870 --> 01:21:30,000
their time and energy just to survive

1813
01:21:35,189 --> 01:21:32,880

they don't have any time to do anything

1814

01:21:38,790 --> 01:21:35,199

else certainly not to

1815

01:21:41,510 --> 01:21:38,800

make megalithic structures or

1816

01:21:43,750 --> 01:21:41,520

follow arts and sciences and develop

1817

01:21:47,430 --> 01:21:43,760

philosophies etc well i think that's a

1818

01:21:50,149 --> 01:21:47,440

horrible misconception because in other

1819

01:21:52,310 --> 01:21:50,159

situations you have hunter-gatherer

1820

01:21:56,229 --> 01:21:52,320

societies that

1821

01:21:58,390 --> 01:21:56,239

have developed incredible civilizations

1822

01:22:01,270 --> 01:21:58,400

and a lot of people don't realize that

1823

01:22:04,310 --> 01:22:01,280

so for instance the north uh the

1824

01:22:05,270 --> 01:22:04,320

northwest coast peoples in the um

1825

01:22:11,430 --> 01:22:05,280

uh

1826

01:22:14,550 --> 01:22:11,440

canada and north america they um

1827

01:22:17,750 --> 01:22:14,560

they had an incredible society and they

1828

01:22:20,229 --> 01:22:17,760

built um huge structures and what people

1829

01:22:21,110 --> 01:22:20,239

call totem poles etc now this is all

1830

01:22:23,189 --> 01:22:21,120

wood

1831

01:22:25,270 --> 01:22:23,199

uh compared to

1832

01:22:26,550 --> 01:22:25,280

megalithic structures but they still had

1833

01:22:28,950 --> 01:22:26,560

incredible

1834

01:22:30,870 --> 01:22:28,960

society and they were effectively hunter

1835

01:22:33,350 --> 01:22:30,880

gatherers what did they gather they

1836

01:22:37,030 --> 01:22:33,360

gathered a lot of seafood in their case

1837

01:22:38,910 --> 01:22:37,040

etc we to this day are hunter-gatherers

1838

01:22:41,590 --> 01:22:38,920

in the sense of

1839

01:22:45,110 --> 01:22:41,600

a lot of wild

1840

01:22:47,910 --> 01:22:45,120

seafood is gathered from the ocean so

1841

01:22:50,870 --> 01:22:47,920

to use these labels sometimes i'm not

1842

01:22:52,870 --> 01:22:50,880

saying you do this jimmy but when my

1843

01:22:55,030 --> 01:22:52,880

academic colleagues can just sort of

1844

01:22:57,270 --> 01:22:55,040

wave their hands and dismiss and say oh

1845

01:22:59,590 --> 01:22:57,280

they didn't have agriculture they were

1846

01:23:01,990 --> 01:22:59,600

hunter-gatherers

1847

01:23:04,390 --> 01:23:02,000

that's not really a valid argument the

1848

01:23:06,709 --> 01:23:04,400

other argument that they didn't have

1849

01:23:09,350 --> 01:23:06,719

agriculture is not necessarily valid

1850

01:23:13,350 --> 01:23:09,360

either because something that has now

1851

01:23:16,189 --> 01:23:13,360

been discovered is that it's very very

1852

01:23:19,830 --> 01:23:16,199

very difficult to tell

1853

01:23:24,149 --> 01:23:19,840

domesticated grains from wild grains at

1854

01:23:26,790 --> 01:23:24,159

the very early stages of domestication

1855

01:23:28,629 --> 01:23:26,800

later when you have

1856

01:23:30,470 --> 01:23:28,639

you know things have been domesticated

1857

01:23:33,030 --> 01:23:30,480

for thousands of years you can tell the

1858

01:23:36,310 --> 01:23:33,040

difference because it's closer to us it

1859

01:23:38,310 --> 01:23:36,320

looks like what we eat etc but it's easy

1860

01:23:40,950 --> 01:23:38,320

to mistake

1861

01:23:45,030 --> 01:23:40,960

domesticated

1862

01:23:48,910 --> 01:23:45,040

wheat materials wheat and barley and

1863

01:23:51,189 --> 01:23:48,920

domesticated animals etc um for

1864

01:23:54,790 --> 01:23:51,199

non-domesticated when you're talking 12

1865

01:23:58,149 --> 01:23:54,800

000 and more years ago and it's also

1866

01:24:00,550 --> 01:23:58,159

easy to mistake getting back to tools um

1867

01:24:04,070 --> 01:24:00,560

to mistake what might be tools and what

1868

01:24:05,910 --> 01:24:04,080

might not be tools because in most cases

1869

01:24:08,629 --> 01:24:05,920

they're not going to leave their tools

1870

01:24:10,870 --> 01:24:08,639

sitting around for us to find

1871

01:24:11,990 --> 01:24:10,880

and the only thing we might find are a

1872

01:24:15,590 --> 01:24:12,000

few

1873

01:24:18,470 --> 01:24:15,600

broken you know fragments

1874

01:24:21,830 --> 01:24:18,480

that are overlooked easily so there's

1875

01:24:24,750 --> 01:24:21,840

there's a lot of issues trying to

1876

01:24:27,750 --> 01:24:24,760

reconstruct the past and there's this

1877

01:24:30,310 --> 01:24:27,760

incredible bias i believe

1878

01:24:31,669 --> 01:24:30,320

among standard archaeologists and

1879

01:24:34,950 --> 01:24:31,679

historians

1880

01:24:37,830 --> 01:24:34,960

to look down on past peoples and

1881

01:24:39,590 --> 01:24:37,840

i'll use the term primitive primitivize

1882

01:24:42,870 --> 01:24:39,600

them more or less make them more

1883

01:24:44,790 --> 01:24:42,880

primitive than is justified by the

1884

01:24:47,270 --> 01:24:44,800

evidence we have yeah

1885

01:24:48,310 --> 01:24:47,280

that's such a good point and

1886

01:24:50,550 --> 01:24:48,320

when

1887

01:24:52,709 --> 01:24:50,560

people try to fight this you know your

1888

01:24:55,510 --> 01:24:52,719

colleagues and others right

1889

01:24:58,790 --> 01:24:55,520

uh when they try to fight this

1890

01:24:59,990 --> 01:24:58,800

their argument for me stops in its

1891

01:25:03,270 --> 01:25:00,000

tracks

1892

01:25:04,790 --> 01:25:03,280

when you take an example of gobekli tepe

1893

01:25:08,390 --> 01:25:04,800

and those columns

1894

01:25:10,709 --> 01:25:08,400

that were quarried 25 miles away

1895

01:25:12,629 --> 01:25:10,719

and you're telling me that a primitive

1896

01:25:16,149 --> 01:25:12,639

culture that you're telling me was

1897

01:25:18,950 --> 01:25:16,159

digging in the dirt for seeds right

1898

01:25:21,030 --> 01:25:18,960

to eat right that that primitive culture

1899

01:25:24,070 --> 01:25:21,040

figured out a way without the wheel and

1900

01:25:25,910 --> 01:25:24,080

without anything else to quarry and move

1901

01:25:27,350 --> 01:25:25,920

those

1902

01:25:31,910 --> 01:25:27,360

tonnage

1903

01:25:34,390 --> 01:25:31,920

that it's not

1904

01:25:37,270 --> 01:25:34,400

these pillars you're talking

1905

01:25:39,910 --> 01:25:37,280

10 15 tons okay that is not the 50

1906

01:25:43,110 --> 01:25:39,920

hundred tons that you might get at giza

1907

01:25:45,990 --> 01:25:43,120

for some of the blocks but these pillars

1908

01:25:48,870 --> 01:25:46,000

just let's say 10 ton pillar to a 15 ton

1909

01:25:52,229 --> 01:25:48,880

pillar that is not trivial number one

1910

01:25:54,629 --> 01:25:52,239

but number two and when people look at

1911

01:25:56,629 --> 01:25:54,639

the photographs in the book and by the

1912

01:25:58,629 --> 01:25:56,639

way for those who have the first edition

1913

01:26:00,229 --> 01:25:58,639

if i'm allowed to say this you they

1914

01:26:01,669 --> 01:26:00,239

should get the second edition i hope

1915

01:26:04,870 --> 01:26:01,679

they'll get the second edition because

1916

01:26:08,070 --> 01:26:04,880

it's so much more expanded including um

1917

01:26:09,590 --> 01:26:08,080

40 plus new photographs a new chapter et

1918

01:26:11,110 --> 01:26:09,600

cetera et cetera

1919

01:26:12,790 --> 01:26:11,120

so

1920

01:26:14,629 --> 01:26:12,800

you know not to push the book but to

1921

01:26:18,070 --> 01:26:14,639

push the information

1922

01:26:21,189 --> 01:26:18,080

when you look at these pillars that were

1923

01:26:24,870 --> 01:26:21,199

carved at quebec lee tepe they are so

1924

01:26:28,310 --> 01:26:24,880

beautifully carved with reliefs on them

1925

01:26:29,270 --> 01:26:28,320

with uh figures in the round uh

1926

01:26:30,229 --> 01:26:29,280

tall

1927

01:26:31,750 --> 01:26:30,239

thin

1928

01:26:33,990 --> 01:26:31,760

this is

1929

01:26:37,910 --> 01:26:34,000

a real feat and i can say that as a

1930

01:26:40,790 --> 01:26:37,920

geologist this is a real feat to do this

1931

01:26:43,189 --> 01:26:40,800

and to erect them without them snapping

1932

01:26:45,350 --> 01:26:43,199

you know because they're not big ugly

1933

01:26:47,669 --> 01:26:45,360

not ugly they're not ugly at um

1934

01:26:50,070 --> 01:26:47,679

stonehenge but they're not big

1935

01:26:52,390 --> 01:26:50,080

rough-hewn pillars as you see at

1936

01:26:53,990 --> 01:26:52,400

stonehenge i mean those things you could

1937

01:26:56,870 --> 01:26:54,000

from a geological point of view

1938

01:26:59,669 --> 01:26:56,880

stonehenge you can drag those around and

1939

01:27:01,189 --> 01:26:59,679

if you try to put up once it falls down

1940

01:27:03,430 --> 01:27:01,199

you can try to put it up again it's

1941

01:27:06,629 --> 01:27:03,440

probably not going to break on you

1942

01:27:08,950 --> 01:27:06,639

but with gabekli tepe if they carved

1943

01:27:11,030 --> 01:27:08,960

that pillar out completely and then when

1944

01:27:13,030 --> 01:27:11,040

they were trying to erect it if they

1945

01:27:15,270 --> 01:27:13,040

didn't do it just right

1946

01:27:16,950 --> 01:27:15,280

it could have snapped on them and the

1947

01:27:19,110 --> 01:27:16,960

book has my

1948

01:27:21,750 --> 01:27:19,120

my favorite picture of you

1949

01:27:24,950 --> 01:27:21,760

uh so this is worth the book right here

1950

01:27:26,709 --> 01:27:24,960

it's dr shock and urfa man i still it's

1951

01:27:28,629 --> 01:27:26,719

one of my oh yeah it's one of my

1952

01:27:33,430 --> 01:27:28,639

favorite pictures

1953

01:27:36,229 --> 01:27:33,440

but you know to go and to see him and to

1954

01:27:38,070 --> 01:27:36,239

look him in the eye so to speak and this

1955

01:27:39,830 --> 01:27:38,080

is someone looking back at me or at

1956

01:27:43,990 --> 01:27:39,840

least an image of someone looking back

1957

01:27:46,390 --> 01:27:44,000

at me from 12 000 years ago it's really

1958

01:27:48,709 --> 01:27:46,400

it's it's really quite amazing and

1959

01:27:50,790 --> 01:27:48,719

and you you've you know what we're

1960

01:27:53,270 --> 01:27:50,800

looking at i mean that does not look

1961

01:27:55,990 --> 01:27:53,280

like some primitive

1962

01:27:59,030 --> 01:27:56,000

caveman does it no it's it's an

1963

01:28:01,270 --> 01:27:59,040

impossibility and as we head to the

1964

01:28:02,229 --> 01:28:01,280

break we can pick this up when we come

1965

01:28:03,110 --> 01:28:02,239

back

1966

01:28:05,030 --> 01:28:03,120

but

1967

01:28:07,189 --> 01:28:05,040

how do they

1968

01:28:08,870 --> 01:28:07,199

honestly especially today we're getting

1969

01:28:11,590 --> 01:28:08,880

too too smart

1970

01:28:12,950 --> 01:28:11,600

but where they honestly want us to

1971

01:28:15,990 --> 01:28:12,960

believe

1972

01:28:17,990 --> 01:28:16,000

that the if they say it enough if they

1973

01:28:19,430 --> 01:28:18,000

say it enough it becomes truth and

1974

01:28:21,910 --> 01:28:19,440

becomes fact

1975

01:28:23,910 --> 01:28:21,920

well in this case it just doesn't work

1976

01:28:25,910 --> 01:28:23,920

we're talking about something that is 7

1977

01:28:27,110 --> 01:28:25,920

000 years older than

1978

01:28:31,110 --> 01:28:27,120

7

1979

01:28:34,709 --> 01:28:31,120

000 years and a civilization like that

1980

01:28:37,830 --> 01:28:34,719

wasn't supposed to exist well it did

1981

01:28:40,790 --> 01:28:37,840

which means they were organized they had

1982

01:28:43,270 --> 01:28:40,800

all the elements of a modern advanced

1983

01:28:47,030 --> 01:28:43,280

civilization that we would expect that

1984

01:28:50,310 --> 01:28:47,040

would think of design engineer quarry

1985

01:28:53,189 --> 01:28:50,320

and build gobekli tepi and there must be

1986

01:28:54,390 --> 01:28:53,199

more and now it turns out there are

1987

01:28:57,430 --> 01:28:54,400

i think

1988

01:28:59,189 --> 01:28:57,440

the whole argument doesn't hold water

1989

01:29:00,950 --> 01:28:59,199

it doesn't it doesn't

1990

01:29:03,830 --> 01:29:00,960

let's uh let's get ready to take our

1991

01:29:07,430 --> 01:29:03,840

break and the other uh the other part of

1992

01:29:09,189 --> 01:29:07,440

this which uh we kind of moved off of

1993

01:29:13,110 --> 01:29:09,199

but i want to continue this when we come

1994

01:29:16,950 --> 01:29:13,120

back if these dates start to push back

1995

01:29:20,870 --> 01:29:16,960

where we are getting into 12 13 14 15

1996

01:29:23,430 --> 01:29:20,880

000 bc or older just at the site of

1997

01:29:27,990 --> 01:29:23,440

gobekli tepe how does this change

1998

01:29:32,470 --> 01:29:30,070

it's it's very profound it's very

1999

01:29:36,310 --> 01:29:32,480

profound i mean i think we really have

2000

01:29:38,870 --> 01:29:36,320

to rethink our origins and how far back

2001
01:29:41,270 --> 01:29:38,880
humanity goes and what humanity went

2002
01:29:43,669 --> 01:29:41,280
through and that's one of the lessons of

2003
01:29:47,110 --> 01:29:43,679
forgotten civilization also

2004
01:29:49,669 --> 01:29:47,120
is that um it has not been a one-way

2005
01:29:52,070 --> 01:29:49,679
street of upward progress there have

2006
01:29:54,629 --> 01:29:52,080
been setbacks there have been cycles of

2007
01:29:56,149 --> 01:29:54,639
civilization and that's what all the

2008
01:29:57,590 --> 01:29:56,159
that's what the ancient people said

2009
01:30:00,070 --> 01:29:57,600
about the

2010
01:30:02,870 --> 01:30:00,080
that's what ancient people five thousand

2011
01:30:04,790 --> 01:30:02,880
years ago said and

2012
01:30:06,950 --> 01:30:04,800
modern academics have just wanted to

2013
01:30:09,990 --> 01:30:06,960

dismiss this as a bunch of myths and

2014

01:30:12,629 --> 01:30:10,000

nonsense uh but five thousand years ago

2015

01:30:14,629 --> 01:30:12,639

the dynastic egyptians and others were

2016

01:30:17,030 --> 01:30:14,639

talking about

2017

01:30:18,629 --> 01:30:17,040

their predecessors thousands of years

2018

01:30:21,750 --> 01:30:18,639

earlier who were incredibly

2019

01:30:25,189 --> 01:30:21,760

sophisticated that's right being taught

2020

01:30:27,350 --> 01:30:25,199

everything is taught right very rarely

2021

01:30:29,990 --> 01:30:27,360

do we have somebody

2022

01:30:31,750 --> 01:30:30,000

sitting in a cave uh not hunting and

2023

01:30:33,750 --> 01:30:31,760

gathering but sitting in a cave and his

2024

01:30:35,350 --> 01:30:33,760

wife comes in and says hey what are you

2025

01:30:39,510 --> 01:30:35,360

doing oh i

2026

01:30:42,310 --> 01:30:39,520

i just thought of a way to domesticate

2027

01:30:43,189 --> 01:30:42,320

wheat right

2028

01:30:46,229 --> 01:30:43,199

okay

2029

01:30:48,550 --> 01:30:46,239

those those events are do happen once in

2030

01:30:51,750 --> 01:30:48,560

a while but everything is taught

2031

01:30:53,189 --> 01:30:51,760

which says to me robert that somebody

2032

01:30:55,350 --> 01:30:53,199

taught

2033

01:30:58,070 --> 01:30:55,360

people how to carve and build gobekli

2034

01:31:00,790 --> 01:30:58,080

tepe it came from somewhere else

2035

01:31:04,390 --> 01:31:00,800

it was taught and it's handed down and

2036

01:31:06,709 --> 01:31:04,400

why is it such a a hard road to fight i

2037

01:31:12,390 --> 01:31:06,719

just don't get it it seems

2038

01:31:12,400 --> 01:31:15,990

not to academic

2039

01:31:21,830 --> 01:31:18,470

let's take our break right here our

2040

01:31:23,510 --> 01:31:21,840

guest tonight dr robert m shock

2041

01:31:26,870 --> 01:31:23,520

and uh i got to tell you he's got so

2042

01:31:28,629 --> 01:31:26,880

many letters after his name i have none

2043

01:31:30,149 --> 01:31:28,639

but these conversations are the best

2044

01:31:37,410 --> 01:31:30,159

robert stay right there we'll be right

2045

01:31:37,420 --> 01:31:47,910

[Music]

2046

01:31:54,229 --> 01:31:51,110

way out here we listen to jimmy church

2047

01:31:56,070 --> 01:31:54,239

you're listening to fade to black

2048

01:31:58,709 --> 01:31:56,080

always on the edge of the hottest

2049

01:32:04,660 --> 01:31:58,719

alternative talk jimmy church with fade

2050

01:32:04,670 --> 01:32:16,070

[Applause]

2051

01:32:20,790 --> 01:32:18,149

do you want to be an official fate or

2052

01:32:23,030 --> 01:32:20,800

not of course you do this is jimmy

2053

01:32:24,310 --> 01:32:23,040

churchill fade to black just go to our

2054

01:32:26,870 --> 01:32:24,320

membership section at

2055

01:32:29,110 --> 01:32:26,880

jimmychurchradio.com

2056

01:32:31,270 --> 01:32:29,120

this is jimmy church and i invite you to

2057

01:32:34,070 --> 01:32:31,280

attend the 20th annual los angeles

2058

01:32:37,110 --> 01:32:34,080

conscious life expo live and in person

2059

01:32:39,830 --> 01:32:37,120

this september 17th 18th and 19th at the

2060

01:32:42,070 --> 01:32:39,840

lax airport hilton connect with

2061

01:32:44,550 --> 01:32:42,080

exhibitors community thought leaders and

2062

01:32:46,790 --> 01:32:44,560

friends as we begin to recreate the

2063

01:32:49,110 --> 01:32:46,800

world you can also watch the expo from

2064

01:32:51,110 --> 01:32:49,120

the comfort of your own home live stream

2065

01:32:53,510 --> 01:32:51,120

from the main stage in los angeles and

2066

01:32:55,910 --> 01:32:53,520

from the main stage in london truly a

2067

01:32:58,629 --> 01:32:55,920

global simulcast event broadcast around

2068

01:33:00,950 --> 01:32:58,639

the world live stream and in-person expo

2069

01:33:03,350 --> 01:33:00,960

tickets are available now i'll be your

2070

01:33:05,750 --> 01:33:03,360

host all weekend long from los angeles

2071

01:33:08,310 --> 01:33:05,760

and on friday it's my ancient secrets

2072

01:33:11,110 --> 01:33:08,320

and earth mysteries themed segment with

2073

01:33:13,910 --> 01:33:11,120

james keenan caroline corey and william

2074

01:33:17,270 --> 01:33:13,920

henry and on saturday daniel sheen and i

2075

01:33:19,990 --> 01:33:17,280

sit down for a one-on-one interview live

2076

01:33:23,030 --> 01:33:20,000

we have an amazing lineup of 25 speakers

2077

01:33:25,030 --> 01:33:23,040

including bashar gail thackeray kimberly

2078

01:33:27,990 --> 01:33:25,040

meredith whitley strieber stephen

2079

01:33:29,390 --> 01:33:28,000

bassett daniel brickley and lisa gar

2080

01:33:31,110 --> 01:33:29,400

please visit

2081

01:33:33,149 --> 01:33:31,120

consciouslifeexpo.com for tickets and

2082

01:33:35,430 --> 01:33:33,159

info that's

2083

01:33:39,030 --> 01:33:35,440

consciouslifeexpo.com and use that promo

2084

01:33:40,950 --> 01:33:39,040

code jimmy for a special discount

2085

01:33:42,790 --> 01:33:40,960

fader knots when you think about the

2086

01:33:44,709 --> 01:33:42,800

future of our country and where we're

2087

01:33:47,830 --> 01:33:44,719

headed do you wonder about the food

2088

01:33:49,990 --> 01:33:47,840

supply i do disruptions in the food

2089

01:33:52,790 --> 01:33:50,000

supply chain could be disastrous and

2090

01:33:54,790 --> 01:33:52,800

they usually occur with little warning

2091

01:33:57,750 --> 01:33:54,800

that's why the smartest thing you can do

2092

01:34:00,790 --> 01:33:57,760

today is to stockpile emergency food

2093

01:34:03,510 --> 01:34:00,800

water and other essentials i personally

2094

01:34:05,830 --> 01:34:03,520

recommend my patriot supply they're the

2095

01:34:08,390 --> 01:34:05,840

nation's largest emergency preparedness

2096

01:34:10,870 --> 01:34:08,400

company serving millions of customers

2097

01:34:13,590 --> 01:34:10,880

for more than a decade in fact they're

2098

01:34:16,390 --> 01:34:13,600

the only source my family trusts for our

2099

01:34:19,510 --> 01:34:16,400

preparedness plan you should too

2100

01:34:22,070 --> 01:34:19,520

right now save 20 off a full four week

2101
01:34:25,669 --> 01:34:22,080
supply of delicious meals that provide 2

2102
01:34:28,629 --> 01:34:25,679
000 calories a day saving 20 helps too

2103
01:34:31,590 --> 01:34:28,639
doesn't it especially now so go to

2104
01:34:34,390 --> 01:34:31,600
prepare with jimmy.com and get ready

2105
01:34:38,709 --> 01:34:34,400
that's prepare with jimmy dot com

2106
01:34:41,750 --> 01:34:38,719
there's no time to lose do it now

2107
01:34:44,550 --> 01:34:41,760
so you love talk radio then you'll love

2108
01:34:47,590 --> 01:34:44,560
talk stream live dot com talk stream

2109
01:34:49,750 --> 01:34:47,600
live is always on 24 7 with the best

2110
01:34:51,990 --> 01:34:49,760
streaming talk shows find your favorite

2111
01:34:54,709 --> 01:34:52,000
talkers and discover some new ones it's

2112
01:34:56,790 --> 01:34:54,719
free readily available online or on

2113
01:34:58,870 --> 01:34:56,800

mobile with any smartphone or tablet

2114

01:35:01,510 --> 01:34:58,880

finding your favorite talk shows all in

2115

01:35:02,669 --> 01:35:01,520

one place has gotten a whole lot easier

2116

01:35:04,790 --> 01:35:02,679

just go to

2117

01:35:07,109 --> 01:35:04,800

talkstreamlive.com be sure to download

2118

01:35:09,990 --> 01:35:07,119

the free apps from google play or the

2119

01:35:13,270 --> 01:35:10,000

itunes app store

2120

01:35:15,160 --> 01:35:13,280

you listen to us and we listen to you

2121

01:35:18,229 --> 01:35:15,170

and so does the cia

2122

01:35:18,229 --> 01:35:18,239

[Music]

2123

01:35:18,239 --> 01:35:23,270

kgraradio.com

2124

01:35:30,149 --> 01:35:25,270

you are listening to fate to black with

2125

01:35:35,510 --> 01:35:32,470

oh hi i'm reese vance you're listening

2126
01:35:38,390 --> 01:35:35,520
to jimmy church this is revolution the

2127
01:35:40,830 --> 01:35:38,400
revolution will not be televised the

2128
01:35:45,410 --> 01:35:40,840
revolution is on

2129
01:36:24,950 --> 01:36:15,480
[Music]

2130
01:36:28,709 --> 01:36:26,470
welcome back fade to black i am your

2131
01:36:31,430 --> 01:36:28,719
host jimmy church tonight dr robert m

2132
01:36:33,270 --> 01:36:31,440
shock is with us more with robert

2133
01:36:34,950 --> 01:36:33,280
in just a second because i've got to

2134
01:36:36,790 --> 01:36:34,960
talk to you about virtual shield you've

2135
01:36:39,910 --> 01:36:36,800
got to get virtual shield

2136
01:36:41,750 --> 01:36:39,920
virtual shield you need your own vpn

2137
01:36:44,870 --> 01:36:41,760
and at this point of the show every

2138
01:36:46,870 --> 01:36:44,880

night i say it and after everything that

2139

01:36:48,709 --> 01:36:46,880

i just laid out with entropy and the

2140

01:36:51,350 --> 01:36:48,719

internet and everything else you need

2141

01:36:52,950 --> 01:36:51,360

your own vpn you've got to get it you've

2142

01:36:55,189 --> 01:36:52,960

got to get it now you need to run in

2143

01:36:57,350 --> 01:36:55,199

secret you need to run in the dock like

2144

01:36:59,270 --> 01:36:57,360

i do you don't need anybody knowing what

2145

01:37:00,950 --> 01:36:59,280

you search like

2146

01:37:01,830 --> 01:37:00,960

entropy you don't want you don't want

2147

01:37:07,590 --> 01:37:01,840

that

2148

01:37:10,070 --> 01:37:07,600

entropy ads popping up in your news feed

2149

01:37:11,830 --> 01:37:10,080

get virtual shield right now virtual

2150

01:37:14,310 --> 01:37:11,840

shield dot com forward slash fade to

2151
01:37:15,189 --> 01:37:14,320
black take you right there 50 off for

2152
01:37:17,189 --> 01:37:15,199
life

2153
01:37:19,270 --> 01:37:17,199
simple click on the link in the video

2154
01:37:21,270 --> 01:37:19,280
description box below virtual shield

2155
01:37:23,910 --> 01:37:21,280
it's right there it's all easy to do we

2156
01:37:26,470 --> 01:37:23,920
have ads over at jimmychurchradio.com

2157
01:37:30,550 --> 01:37:26,480
click and get virtual shield you need

2158
01:37:33,669 --> 01:37:30,560
your own vpn so many reasons to do it

2159
01:37:36,629 --> 01:37:33,679
and tonight our guest is

2160
01:37:39,669 --> 01:37:36,639
dr robert m shock now um

2161
01:37:41,270 --> 01:37:39,679
robert i want to take uh advantage of

2162
01:37:43,830 --> 01:37:41,280
our time together here

2163
01:37:45,590 --> 01:37:43,840

i we don't get to talk

2164

01:37:48,310 --> 01:37:45,600

directly to

2165

01:37:49,109 --> 01:37:48,320

our our teachers and our educators out

2166

01:37:51,910 --> 01:37:49,119

there

2167

01:37:53,669 --> 01:37:51,920

um you're getting ready to go back to

2168

01:37:56,149 --> 01:37:53,679

school are you

2169

01:37:58,550 --> 01:37:56,159

going to be teaching in person new

2170

01:38:00,550 --> 01:37:58,560

semester begins in september

2171

01:38:03,270 --> 01:38:00,560

and in person

2172

01:38:05,910 --> 01:38:03,280

in person at least that's what i'm told

2173

01:38:06,870 --> 01:38:05,920

i'm a little nervous about to be honest

2174

01:38:09,109 --> 01:38:06,880

uh

2175

01:38:11,830 --> 01:38:09,119

why would you be nervous

2176

01:38:15,430 --> 01:38:11,840

oh i don't know you know little things

2177

01:38:18,149 --> 01:38:15,440

very very little things like viruses

2178

01:38:20,950 --> 01:38:18,159

very very tiny little things

2179

01:38:23,189 --> 01:38:20,960

very tiny little things no but you know

2180

01:38:24,950 --> 01:38:23,199

i've been studying ancient civilization

2181

01:38:27,189 --> 01:38:24,960

i've been studying what

2182

01:38:28,950 --> 01:38:27,199

leads and we're trying to figure it out

2183

01:38:31,109 --> 01:38:28,960

what leads to the rise and fall of

2184

01:38:33,669 --> 01:38:31,119

civilization and sometimes it can be

2185

01:38:36,070 --> 01:38:33,679

something that um you don't necessarily

2186

01:38:37,990 --> 01:38:36,080

expect that the quebecois tepe people

2187

01:38:39,510 --> 01:38:38,000

initially expect the solar outburst

2188

01:38:40,629 --> 01:38:39,520

actually i think they did because i

2189

01:38:42,550 --> 01:38:40,639

think they

2190

01:38:44,390 --> 01:38:42,560

were sophisticated enough to know that

2191

01:38:46,390 --> 01:38:44,400

might be coming

2192

01:38:49,189 --> 01:38:46,400

but that didn't mean that they could

2193

01:38:51,990 --> 01:38:49,199

necessarily um

2194

01:38:54,629 --> 01:38:52,000

you know deal with it um successfully

2195

01:38:55,750 --> 01:38:54,639

which apparently they did not

2196

01:38:58,390 --> 01:38:55,760

since it

2197

01:39:01,669 --> 01:38:58,400

really threw them back so again back to

2198

01:39:04,950 --> 01:39:01,679

going back to um teaching in person i'm

2199

01:39:07,350 --> 01:39:04,960

very nervous about it uh with the new uh

2200

01:39:08,950 --> 01:39:07,360

variants that are coming out etc i won't

2201

01:39:11,270 --> 01:39:08,960

lie about that i'm

2202

01:39:13,109 --> 01:39:11,280

fully vaccinated fully vaccinated you

2203

01:39:17,510 --> 01:39:13,119

and i have talked about this

2204

01:39:19,590 --> 01:39:17,520

i plan to do everything i can to

2205

01:39:21,830 --> 01:39:19,600

you know protect myself and protect the

2206

01:39:22,950 --> 01:39:21,840

students the university is trying to do

2207

01:39:26,870 --> 01:39:22,960

that but

2208

01:39:29,109 --> 01:39:26,880

it's been difficult um

2209

01:39:31,830 --> 01:39:29,119

over the last year and a half and trying

2210

01:39:32,709 --> 01:39:31,840

to do classes remote and

2211

01:39:34,709 --> 01:39:32,719

so

2212

01:39:36,870 --> 01:39:34,719

the plan right now as i understand it

2213

01:39:39,030 --> 01:39:36,880

for boston university is that we're

2214

01:39:41,350 --> 01:39:39,040

going back in person

2215

01:39:44,149 --> 01:39:41,360

comes september 2nd i believe is the

2216

01:39:46,790 --> 01:39:44,159

first day how long how long will it take

2217

01:39:49,510 --> 01:39:46,800

you to get back into the swing of things

2218

01:39:52,310 --> 01:39:49,520

teaching in person being on stage

2219

01:39:55,189 --> 01:39:52,320

how long well i'll probably have to do

2220

01:39:56,550 --> 01:39:55,199

that within a matter of hours

2221

01:39:58,629 --> 01:39:56,560

exactly

2222

01:40:00,310 --> 01:39:58,639

i know what you're asking though it's

2223

01:40:02,950 --> 01:40:00,320

it's going to be difficult because it's

2224

01:40:05,030 --> 01:40:02,960

just it's not just me it's the faculty

2225

01:40:07,590 --> 01:40:05,040

it's the uh support staff it's the

2226

01:40:09,189 --> 01:40:07,600

administrators but more than that

2227

01:40:11,830 --> 01:40:09,199

more than anything else it's just

2228

01:40:13,430 --> 01:40:11,840

students and the these students i've

2229

01:40:16,070 --> 01:40:13,440

been dealing with them

2230

01:40:18,629 --> 01:40:16,080

and i mean that in the best of

2231

01:40:20,310 --> 01:40:18,639

way of speaking i've been um

2232

01:40:23,750 --> 01:40:20,320

discussing things i've been holding

2233

01:40:24,790 --> 01:40:23,760

classes the last academic year by zoom

2234

01:40:27,189 --> 01:40:24,800

i've

2235

01:40:29,590 --> 01:40:27,199

had some contact with students actually

2236

01:40:30,550 --> 01:40:29,600

talking about archaeology over the

2237

01:40:33,750 --> 01:40:30,560

summer

2238

01:40:37,109 --> 01:40:33,760

via zoom etc but they're anxious to get

2239

01:40:38,709 --> 01:40:37,119

back in person but it's going to be um i

2240

01:40:40,550 --> 01:40:38,719

think uh

2241

01:40:43,270 --> 01:40:40,560

there'll be difficulties with that

2242

01:40:46,790 --> 01:40:43,280

transition with people being nervous

2243

01:40:49,189 --> 01:40:46,800

with people having been away for so long

2244

01:40:50,390 --> 01:40:49,199

even physical

2245

01:40:51,830 --> 01:40:50,400

systems

2246

01:40:53,430 --> 01:40:51,840

for instance

2247

01:40:55,350 --> 01:40:53,440

on campus

2248

01:40:57,510 --> 01:40:55,360

you know i'll give you a little example

2249

01:40:59,270 --> 01:40:57,520

this ties in with your entropy that you

2250

01:41:00,629 --> 01:40:59,280

were talking about before

2251

01:41:03,950 --> 01:41:00,639

i go in

2252

01:41:07,430 --> 01:41:03,960

and i want to use a photocopier the

2253

01:41:10,070 --> 01:41:07,440

photocopier doesn't work properly why

2254

01:41:13,910 --> 01:41:10,080

because no one's been using it so no

2255

01:41:16,149 --> 01:41:13,920

one's been maintaining it etc so even

2256

01:41:17,990 --> 01:41:16,159

practical things like that that a lot of

2257

01:41:19,510 --> 01:41:18,000

people don't think about yeah you know

2258

01:41:21,430 --> 01:41:19,520

when i picture you know i've been to

2259

01:41:23,910 --> 01:41:21,440

boston so many times and it's such a

2260

01:41:24,790 --> 01:41:23,920

great city but when you drive around and

2261

01:41:26,310 --> 01:41:24,800

walk

2262

01:41:28,310 --> 01:41:26,320

and you see

2263

01:41:31,830 --> 01:41:28,320

the concentration

2264

01:41:34,790 --> 01:41:31,840
of schools it's every that boston is a

2265

01:41:36,390 --> 01:41:34,800
college town all of it is right and you

2266

01:41:38,870 --> 01:41:36,400
walk around you drive around and the

2267

01:41:42,470 --> 01:41:38,880
students and the thing and it's all you

2268

01:41:45,030 --> 01:41:42,480
know it's it's it's it's life you know

2269

01:41:46,709 --> 01:41:45,040
that's what you see and i can't imagine

2270

01:41:49,030 --> 01:41:46,719
what boston's been like for the last

2271

01:41:51,750 --> 01:41:49,040
year and a half wow all of that very

2272

01:41:54,229 --> 01:41:51,760
different yeah it's been uh uh you know

2273

01:41:55,189 --> 01:41:54,239
not not anywhere close to the number of

2274

01:41:57,669 --> 01:41:55,199
people

2275

01:41:59,430 --> 01:41:57,679
uh on the street in boston because the

2276

01:42:01,830 --> 01:41:59,440

students haven't been there there's been

2277

01:42:04,470 --> 01:42:01,840

a lot more rats that have come out i'm

2278

01:42:06,629 --> 01:42:04,480

not joking about that right because

2279

01:42:08,550 --> 01:42:06,639

and i know i i don't try and pick on

2280

01:42:10,550 --> 01:42:08,560

rats and i'm not trying to sound the

2281

01:42:13,990 --> 01:42:10,560

wrong way but a lot of people don't

2282

01:42:16,310 --> 01:42:14,000

think about this because the university

2283

01:42:18,470 --> 01:42:16,320

universities have been closed down the

2284

01:42:20,149 --> 01:42:18,480

restaurants have been closed down there

2285

01:42:23,669 --> 01:42:20,159

hasn't been as much food in the

2286

01:42:25,430 --> 01:42:23,679

dumpsters which rats feed on so it's

2287

01:42:27,189 --> 01:42:25,440

disrupted their

2288

01:42:29,189 --> 01:42:27,199

um system

2289

01:42:31,750 --> 01:42:29,199

you know i never thought about that

2290

01:42:34,709 --> 01:42:31,760

literally i've got biology friends who

2291

01:42:37,910 --> 01:42:34,719

have been studying how the rats

2292

01:42:39,510 --> 01:42:37,920

social behavior has changed because of

2293

01:42:47,669 --> 01:42:39,520

the pandemic

2294

01:42:52,229 --> 01:42:50,070

the limited resources where there used

2295

01:42:54,790 --> 01:42:52,239

to be abundance with lots of people

2296

01:42:57,189 --> 01:42:54,800

around there's not enough people now

2297

01:42:59,910 --> 01:42:57,199

there's not enough food for the rats and

2298

01:43:01,750 --> 01:42:59,920

i know it sounds grotesque maybe

2299

01:43:03,189 --> 01:43:01,760

but i

2300

01:43:05,030 --> 01:43:03,199

i mentioned this because you started

2301
01:43:07,430 --> 01:43:05,040
talking about such things that came to

2302
01:43:10,629 --> 01:43:07,440
mind but if we have for instance a

2303
01:43:12,709 --> 01:43:10,639
meltdown from a solar outburst i mean

2304
01:43:15,189 --> 01:43:12,719
the few little things that we've seen

2305
01:43:16,550 --> 01:43:15,199
during the pandemic

2306
01:43:17,430 --> 01:43:16,560
issues like

2307
01:43:19,669 --> 01:43:17,440
that

2308
01:43:23,189 --> 01:43:19,679
plus so many other issues are going to

2309
01:43:29,590 --> 01:43:26,870
you know tenfold hundredfold

2310
01:43:31,510 --> 01:43:29,600
now i wanted uh uh

2311
01:43:33,510 --> 01:43:31,520
let's let's go back to giza first i

2312
01:43:35,669 --> 01:43:33,520
sound like i'm being very negative i

2313
01:43:37,590 --> 01:43:35,679

don't need to be it's it's it's

2314

01:43:39,750 --> 01:43:37,600

depressing

2315

01:43:42,709 --> 01:43:39,760

but you asked about going back to

2316

01:43:46,229 --> 01:43:42,719

classes yeah we're all dealing with it

2317

01:43:48,470 --> 01:43:46,239

we're seeing um you know bears and deers

2318

01:43:51,350 --> 01:43:48,480

and coyotes you know they're all coming

2319

01:43:53,590 --> 01:43:51,360

out yeah a lot of wildlife that wildlife

2320

01:43:57,590 --> 01:43:53,600

is being affected by this too if not you

2321

01:44:02,470 --> 01:43:59,990

indirectly but um

2322

01:44:03,830 --> 01:44:02,480

but in a very real way

2323

01:44:05,750 --> 01:44:03,840

the uh

2324

01:44:06,950 --> 01:44:05,760

going back to giza

2325

01:44:08,390 --> 01:44:06,960

the

2326

01:44:10,950 --> 01:44:08,400

uh

2327

01:44:13,270 --> 01:44:10,960

the dating of things there is one thing

2328

01:44:15,270 --> 01:44:13,280

but let's talk about this in a more

2329

01:44:16,629 --> 01:44:15,280

pragmatic way

2330

01:44:17,910 --> 01:44:16,639

um

2331

01:44:22,950 --> 01:44:17,920

the

2332

01:44:24,950 --> 01:44:22,960

ability to quarry to carve and to move

2333

01:44:26,709 --> 01:44:24,960

and and you have the engineering but

2334

01:44:29,189 --> 01:44:26,719

then of course you have

2335

01:44:31,669 --> 01:44:29,199

uh astronomy that is involved with this

2336

01:44:34,070 --> 01:44:31,679

you have some hardcore algebra and

2337

01:44:36,149 --> 01:44:34,080

geometry and mathematics oh yeah that

2338

01:44:37,830 --> 01:44:36,159

that is all involved um

2339

01:44:40,390 --> 01:44:37,840

if if

2340

01:44:43,350 --> 01:44:40,400

if we back that up to 5 000 years ago

2341

01:44:44,790 --> 01:44:43,360

3000 bc you know many right let's let's

2342

01:44:45,510 --> 01:44:44,800

just start right there at the beginning

2343

01:44:50,229 --> 01:44:45,520

of

2344

01:44:51,990 --> 01:44:50,239

first pharaoh and upper and lower egypt

2345

01:44:55,510 --> 01:44:52,000

are now united

2346

01:44:57,990 --> 01:44:55,520

all of that happened very very quickly

2347

01:44:59,510 --> 01:44:58,000

it couldn't have happened the way that

2348

01:45:02,229 --> 01:44:59,520

egyptologists

2349

01:45:05,189 --> 01:45:02,239

want us to believe which is it just

2350

01:45:05,990 --> 01:45:05,199

happened right that's the that's there i

2351

01:45:08,629 --> 01:45:06,000

know

2352

01:45:10,390 --> 01:45:08,639

right and something that i will remind

2353

01:45:12,950 --> 01:45:10,400

your listeners about

2354

01:45:15,430 --> 01:45:12,960

is that in many respects and many

2355

01:45:18,310 --> 01:45:15,440

egyptologists will agree with this

2356

01:45:19,590 --> 01:45:18,320

because they can't really deny all the

2357

01:45:21,669 --> 01:45:19,600

evidence

2358

01:45:25,109 --> 01:45:21,679

in many respects

2359

01:45:28,550 --> 01:45:25,119

the highest level of sophistication

2360

01:45:33,189 --> 01:45:28,560

in dynastic egypt goes back to the

2361

01:45:35,350 --> 01:45:33,199

period of about 24 to let's say 2 800 bc

2362

01:45:38,229 --> 01:45:35,360

more or less very early

2363

01:45:42,390 --> 01:45:38,239

if you look at the giza pyramids

2364

01:45:45,430 --> 01:45:42,400

from 2500 bc and you compare those two

2365

01:45:47,430 --> 01:45:45,440

pyramids and other structures a thousand

2366

01:45:49,350 --> 01:45:47,440

years later

2367

01:45:52,709 --> 01:45:49,360

there's almost no comparison they're so

2368

01:45:55,750 --> 01:45:52,719

much more sophisticated early on in

2369

01:45:56,870 --> 01:45:55,760

dynastic times than later and as you say

2370

01:46:00,070 --> 01:45:56,880

they sort of

2371

01:46:02,070 --> 01:46:00,080

pop virtually out of nowhere

2372

01:46:04,070 --> 01:46:02,080

people make sort of excuses when i say

2373

01:46:06,070 --> 01:46:04,080

people certain egyptologists and say

2374

01:46:08,149 --> 01:46:06,080

well they started building them and they

2375

01:46:10,709 --> 01:46:08,159

built um

2376

01:46:12,390 --> 01:46:10,719

pyramid my doom which then collapsed

2377

01:46:14,550 --> 01:46:12,400

while they were learning how to build

2378

01:46:16,390 --> 01:46:14,560

pyramids but there's another side to the

2379

01:46:18,950 --> 01:46:16,400

story it's not clear to me that's

2380

01:46:21,189 --> 01:46:18,960

actually a collapse pyramid and the

2381

01:46:23,430 --> 01:46:21,199

classic sense that oh they just didn't

2382

01:46:24,709 --> 01:46:23,440

know how to build pyramids and you look

2383

01:46:29,669 --> 01:46:24,719

at

2384

01:46:32,550 --> 01:46:29,679

pyramid the so-called red pyramid or

2385

01:46:35,990 --> 01:46:32,560

north pyramid or the um bent pyramid i

2386

01:46:40,950 --> 01:46:36,000

mean these are incredible structures

2387

01:46:42,229 --> 01:46:40,960

with virtually basically no precedence

2388

01:46:48,149 --> 01:46:42,239

the

2389

01:46:53,830 --> 01:46:48,159

it must be

2390

01:46:55,990 --> 01:46:53,840

egypt was taught

2391

01:46:59,189 --> 01:46:56,000

was taught that civilization they were

2392

01:47:01,590 --> 01:46:59,199

taught things well and if we were taught

2393

01:47:04,310 --> 01:47:01,600

or let me let me back up a little bit

2394

01:47:07,189 --> 01:47:04,320

they were taught or they learned there's

2395

01:47:10,709 --> 01:47:07,199

they could be two different things but

2396

01:47:12,790 --> 01:47:10,719

so one analogy i use is um we have a

2397

01:47:15,270 --> 01:47:12,800

renaissance in western europe we have a

2398

01:47:17,830 --> 01:47:15,280

renaissance where they rediscovered

2399

01:47:21,030 --> 01:47:17,840

things they rediscovered ancient

2400

01:47:23,189 --> 01:47:21,040

knowledge after um

2401

01:47:26,390 --> 01:47:23,199

you know essentially a thousand year gap

2402

01:47:27,590 --> 01:47:26,400

uh they rediscovered the greco-roman

2403

01:47:29,590 --> 01:47:27,600

uh

2404

01:47:32,149 --> 01:47:29,600

civilization effectively not that they

2405

01:47:34,070 --> 01:47:32,159

have been totally totally forgotten but

2406

01:47:37,109 --> 01:47:34,080

so much had been lost

2407

01:47:38,790 --> 01:47:37,119

but is that is it too much of a stretch

2408

01:47:41,270 --> 01:47:38,800

to suggest

2409

01:47:44,390 --> 01:47:41,280

if we just go down the chain

2410

01:47:46,149 --> 01:47:44,400

um whether it you know it's siberia or

2411

01:47:49,910 --> 01:47:46,159

it's a civilization that came from the

2412

01:47:53,430 --> 01:47:49,920

north and then and and migrated south

2413

01:47:54,550 --> 01:47:53,440

but that the same knowledge at gobekli

2414

01:47:57,750 --> 01:47:54,560

tepe

2415

01:48:01,430 --> 01:47:57,760

is the same knowledge that uh spread

2416

01:48:04,149 --> 01:48:01,440

through mesopotamia and and egypt

2417

01:48:06,229 --> 01:48:04,159

right that that's where it came from

2418

01:48:08,629 --> 01:48:06,239

it's it's all connected

2419

01:48:11,270 --> 01:48:08,639

well well there's a lot of evidence i

2420

01:48:13,030 --> 01:48:11,280

think that it's coming at least in the

2421

01:48:15,510 --> 01:48:13,040

immediate sense

2422

01:48:17,590 --> 01:48:15,520

you well you have quebecoli tepe so you

2423

01:48:20,550 --> 01:48:17,600

have the quebecois tepe which is in

2424

01:48:22,149 --> 01:48:20,560

northern mesopotamia between the tigris

2425

01:48:24,070 --> 01:48:22,159

and euphrates in

2426

01:48:25,590 --> 01:48:24,080

uh modern

2427

01:48:27,990 --> 01:48:25,600

eastern turkey

2428

01:48:30,950 --> 01:48:28,000

and you have cappadocia where you have

2429

01:48:34,310 --> 01:48:30,960

the incredible underground cities

2430

01:48:36,870 --> 01:48:34,320

there's linguistic evidence that uh

2431

01:48:39,590 --> 01:48:36,880

there was a pocket of people in that

2432

01:48:42,709 --> 01:48:39,600

area anatolia

2433

01:48:44,709 --> 01:48:42,719

which covers much of modern turkey

2434

01:48:46,950 --> 01:48:44,719

that there were there was a group of

2435

01:48:49,590 --> 01:48:46,960

people there that survived the

2436

01:48:52,149 --> 01:48:49,600

catastrophes at the end of the last ice

2437

01:48:53,910 --> 01:48:52,159

age and then

2438

01:48:56,310 --> 01:48:53,920

essentially

2439

01:48:58,830 --> 01:48:56,320

spread out again slowly when i say

2440

01:49:02,149 --> 01:48:58,840

linguistic evidence for instance

2441

01:49:05,910 --> 01:49:02,159

indo-european languages have been traced

2442

01:49:09,669 --> 01:49:05,920

back to that specific region which

2443

01:49:10,470 --> 01:49:09,679

includes the cappadocia

2444

01:49:13,510 --> 01:49:10,480

and

2445

01:49:14,550 --> 01:49:13,520

gobekli tepe area the cappadocia urfa

2446

01:49:17,750 --> 01:49:14,560

area

2447

01:49:20,310 --> 01:49:17,760

and something that i've developed

2448

01:49:23,510 --> 01:49:20,320

and i talk about at length and forgotten

2449

01:49:27,270 --> 01:49:23,520

civilization is how people pockets of

2450

01:49:30,870 --> 01:49:27,280

humanity had to survive the catastrophes

2451

01:49:33,109 --> 01:49:30,880

at the end of the last ice age one way i

2452

01:49:35,750 --> 01:49:33,119

think they survived was by going

2453

01:49:38,470 --> 01:49:35,760

underground going into

2454

01:49:40,229 --> 01:49:38,480

underground caves and shelters that type

2455

01:49:43,109 --> 01:49:40,239

of thing i don't think it's just

2456

01:49:48,149 --> 01:49:43,119

coincidental that we have these

2457

01:49:50,629 --> 01:49:48,159

incredibly huge underground complexes

2458

01:49:53,589 --> 01:49:50,639

in the cappadocia or cappadocia you can

2459

01:49:57,030 --> 01:49:53,599

pronounce it either way a region of

2460

01:50:00,310 --> 01:49:57,040

anatolia not that far from

2461

01:50:03,510 --> 01:50:00,320

the gobekli tape urfa area the geology

2462

01:50:06,310 --> 01:50:03,520

is appropriate for it it's a

2463

01:50:09,270 --> 01:50:06,320

sort of a soft volcanic rock that would

2464

01:50:11,430 --> 01:50:09,280

have had natural caves in it initially

2465

01:50:14,070 --> 01:50:11,440

people could carve into it you have

2466

01:50:16,709 --> 01:50:14,080

these underground cities that could hold

2467

01:50:18,950 --> 01:50:16,719

thousands of people and livestock and

2468

01:50:21,830 --> 01:50:18,960

supplies etc

2469

01:50:22,950 --> 01:50:21,840

so you have all the right conditions

2470

01:50:26,390 --> 01:50:22,960

for

2471

01:50:29,270 --> 01:50:26,400

survival of this catastrophe

2472

01:50:30,149 --> 01:50:29,280

so yeah what came before that i don't

2473

01:50:32,229 --> 01:50:30,159

know

2474

01:50:35,030 --> 01:50:32,239

and we start talking about that before

2475

01:50:37,510 --> 01:50:35,040

the break how far back could this

2476

01:50:40,229 --> 01:50:37,520

earlier cycle of civilization go we

2477

01:50:42,709 --> 01:50:40,239

really don't know but we do i'm

2478

01:50:45,510 --> 01:50:42,719

convinced have the evidence of how they

2479

01:50:48,229 --> 01:50:45,520

were able to survive

2480

01:50:50,149 --> 01:50:48,239

the catastrophes and basically hang out

2481

01:50:53,030 --> 01:50:50,159

and hold it together

2482

01:50:55,750 --> 01:50:53,040

for thousands of years before

2483

01:50:58,070 --> 01:50:55,760

a new flowering a new reemergence of

2484

01:51:01,430 --> 01:50:58,080

civilization so were they some of the

2485

01:51:03,830 --> 01:51:01,440

teachers in the media sense i think that

2486

01:51:05,750 --> 01:51:03,840

could definitely be the case now and

2487

01:51:07,910 --> 01:51:05,760

they carried on these traditions you

2488

01:51:10,149 --> 01:51:07,920

know it's not again i use because people

2489

01:51:13,910 --> 01:51:10,159

i think can understand it sometimes i

2490

01:51:15,669 --> 01:51:13,920

use the example of the dark ages post

2491

01:51:17,750 --> 01:51:15,679

collapse of the

2492

01:51:21,189 --> 01:51:17,760

western roman

2493

01:51:24,310 --> 01:51:21,199

empire and the monasteries where they

2494

01:51:25,430 --> 01:51:24,320

kept literature going they kept um

2495

01:51:27,910 --> 01:51:25,440

certain

2496

01:51:30,550 --> 01:51:27,920

thoughts going they kept

2497

01:51:32,709 --> 01:51:30,560

certain knowledge in some cases the

2498

01:51:35,430 --> 01:51:32,719

monks literally they would just copy and

2499

01:51:38,229 --> 01:51:35,440

re-copy and recopy they didn't quite

2500

01:51:40,550 --> 01:51:38,239

understand what they were doing but they

2501
01:51:43,030 --> 01:51:40,560
knew it was important they knew that

2502
01:51:45,030 --> 01:51:43,040
there was value to what they had

2503
01:51:48,709 --> 01:51:45,040
even if they didn't have all the pieces

2504
01:51:50,390 --> 01:51:48,719
together to really understand exactly

2505
01:51:52,709 --> 01:51:50,400
what the value was

2506
01:51:55,350 --> 01:51:52,719
now that's such a great point

2507
01:51:57,589 --> 01:51:55,360
and now uh

2508
01:51:59,189 --> 01:51:57,599
i'm going to ask you something direct

2509
01:52:01,270 --> 01:51:59,199
i don't think i've ever asked you this

2510
01:52:03,350 --> 01:52:01,280
before but i'm very confused you've

2511
01:52:05,270 --> 01:52:03,360
never you're not you've never been known

2512
01:52:06,390 --> 01:52:05,280
for being super subtle have you ever

2513
01:52:07,830 --> 01:52:06,400

ever

2514

01:52:09,990 --> 01:52:07,840

is this

2515

01:52:13,270 --> 01:52:10,000

um you're a geologist

2516

01:52:16,709 --> 01:52:13,280

how hard is granite just give me one

2517

01:52:19,990 --> 01:52:16,719

word how hard is granite

2518

01:52:22,550 --> 01:52:20,000

one word hard it's hard very hard very

2519

01:52:24,870 --> 01:52:22,560

hard it depends on your granite yeah but

2520

01:52:27,589 --> 01:52:24,880

if you're talking nice fresh granite

2521

01:52:29,910 --> 01:52:27,599

it's very hard it depends on i don't

2522

01:52:32,229 --> 01:52:29,920

want to get too geological on you it

2523

01:52:34,790 --> 01:52:32,239

depends on what the ratio of feldspars

2524

01:52:37,350 --> 01:52:34,800

to micas to corpses

2525

01:52:40,470 --> 01:52:37,360

are in it but think of quartz think of

2526
01:52:42,950 --> 01:52:40,480
um courts most granite has a fairly good

2527
01:52:45,430 --> 01:52:42,960
percentage of courts in it quartz is

2528
01:52:47,589 --> 01:52:45,440
quite hard you think of a quartz crystal

2529
01:52:48,629 --> 01:52:47,599
yes okay so

2530
01:52:50,870 --> 01:52:48,639
how

2531
01:52:52,629 --> 01:52:50,880
is it possible

2532
01:52:54,149 --> 01:52:52,639
to

2533
01:52:56,870 --> 01:52:54,159
elegantly

2534
01:52:58,709 --> 01:52:56,880
carve with precision

2535
01:53:00,870 --> 01:52:58,719
red granite

2536
01:53:04,149 --> 01:53:00,880
with copper

2537
01:53:05,990 --> 01:53:04,159
how how is that just it's very difficult

2538
01:53:07,830 --> 01:53:06,000

so this gets back to something that we

2539

01:53:10,629 --> 01:53:07,840

were talking about

2540

01:53:12,390 --> 01:53:10,639

earlier today this evening and that's

2541

01:53:14,790 --> 01:53:12,400

why and i don't want to misinterpret i

2542

01:53:17,510 --> 01:53:14,800

was talking about the chip chip method a

2543

01:53:19,350 --> 01:53:17,520

lot of archaeologists say that

2544

01:53:21,830 --> 01:53:19,360

they used the chip chip meth they just

2545

01:53:24,229 --> 01:53:21,840

kept chipping away at it with you know

2546

01:53:25,189 --> 01:53:24,239

another rock that type of thing or a

2547

01:53:27,589 --> 01:53:25,199

simple

2548

01:53:29,430 --> 01:53:27,599

copper tool and what i was saying before

2549

01:53:31,910 --> 01:53:29,440

is that katie and i

2550

01:53:34,229 --> 01:53:31,920

do not agree with that we make fun of

2551

01:53:37,750 --> 01:53:34,239

the quote chip chip method

2552

01:53:41,669 --> 01:53:37,760

and it has been suggested in some cases

2553

01:53:45,589 --> 01:53:41,679

that you could use copper tools to try

2554

01:53:47,510 --> 01:53:45,599

to carve granite like that every example

2555

01:53:50,149 --> 01:53:47,520

i've actually seen where

2556

01:53:52,950 --> 01:53:50,159

someone really tried it with genuine

2557

01:53:54,950 --> 01:53:52,960

carp copper tools what happens the

2558

01:53:56,870 --> 01:53:54,960

copper bends and

2559

01:53:58,470 --> 01:53:56,880

you know it just doesn't work

2560

01:54:01,830 --> 01:53:58,480

now if you put a little tin in the

2561

01:54:04,629 --> 01:54:01,840

copper to make it bronze you get a

2562

01:54:07,750 --> 01:54:04,639

little bit better you can get a little

2563

01:54:10,790 --> 01:54:07,760

bit um make a little bit more headway

2564

01:54:11,589 --> 01:54:10,800

before you lose an edge before your tool

2565

01:54:14,070 --> 01:54:11,599

is

2566

01:54:15,669 --> 01:54:14,080

non-functional but something that has

2567

01:54:19,990 --> 01:54:15,679

been suggested

2568

01:54:22,950 --> 01:54:20,000

is that they may have been using um

2569

01:54:24,790 --> 01:54:22,960

some type of uh iron

2570

01:54:28,310 --> 01:54:24,800

that they may have you know iron

2571

01:54:30,390 --> 01:54:28,320

meteorites have been suggested uh

2572

01:54:32,070 --> 01:54:30,400

smelting iron

2573

01:54:36,310 --> 01:54:32,080

not fully

2574

01:54:37,830 --> 01:54:36,320

melting the iron down like you would in

2575

01:54:40,950 --> 01:54:37,840

modern times

2576

01:54:44,229 --> 01:54:40,960

but if you uh get

2577

01:54:45,270 --> 01:54:44,239

uh basically a sort of a crude wrought

2578

01:54:47,270 --> 01:54:45,280

iron

2579

01:54:49,189 --> 01:54:47,280

that that could have been used well then

2580

01:54:51,990 --> 01:54:49,199

but then archaeologists say well you

2581

01:54:55,270 --> 01:54:52,000

don't find any iron tools etc that is

2582

01:54:57,510 --> 01:54:55,280

true but think about iron

2583

01:54:59,830 --> 01:54:57,520

it's not going to last especially if

2584

01:55:01,830 --> 01:54:59,840

you're talking

2585

01:55:03,669 --> 01:55:01,840

tools that people aren't going to lose

2586

01:55:05,669 --> 01:55:03,679

to begin with they're not going to just

2587

01:55:07,910 --> 01:55:05,679

leave them around for people to find but

2588

01:55:10,470 --> 01:55:07,920

even if they did drop them and they got

2589

01:55:13,030 --> 01:55:10,480

lost they're going to rest after

2590

01:55:14,310 --> 01:55:13,040

thousands of years so it gets to be a

2591

01:55:17,350 --> 01:55:14,320

very

2592

01:55:19,750 --> 01:55:17,360

should we say iffy question or a

2593

01:55:22,390 --> 01:55:19,760

very contentious issue as to how they

2594

01:55:25,030 --> 01:55:22,400

were carving carving these things

2595

01:55:27,510 --> 01:55:25,040

in dynastic egypt you know you go to

2596

01:55:30,870 --> 01:55:27,520

dynastic egypt even

2597

01:55:33,109 --> 01:55:30,880

a mere three thousand four thousand

2598

01:55:35,350 --> 01:55:33,119

four thousand five hundred years ago

2599

01:55:39,589 --> 01:55:35,360

look at this statuary

2600

01:55:40,950 --> 01:55:39,599

in the uh egyptian museum or look at

2601
01:55:45,270 --> 01:55:40,960
what's still on

2602
01:55:47,510 --> 01:55:45,280
site to be seen how did they carve that

2603
01:55:50,470 --> 01:55:47,520
even with the technology that we know

2604
01:55:52,790 --> 01:55:50,480
they had it's it's it's mind-boggling

2605
01:55:55,430 --> 01:55:52,800
now but here's the deal

2606
01:55:57,510 --> 01:55:55,440
and i'm not suggesting anything i'm just

2607
01:56:00,550 --> 01:55:57,520
thinking outside of the box

2608
01:56:04,629 --> 01:56:00,560
but when we talk about that going down

2609
01:56:08,550 --> 01:56:04,639
at 2800 bc it's very difficult to to

2610
01:56:10,709 --> 01:56:08,560
digest i i still don't buy into how

2611
01:56:13,189 --> 01:56:10,719
the the precision it's not only the

2612
01:56:15,430 --> 01:56:13,199
granite blocks but it's the sarcophagus

2613
01:56:17,990 --> 01:56:15,440

and and other things but yeah yeah but

2614

01:56:20,629 --> 01:56:18,000

no no no no no yeah no i'm agreeing with

2615

01:56:23,669 --> 01:56:20,639

you it's back hard to figure out how

2616

01:56:25,390 --> 01:56:23,679

they did this or to swallow the

2617

01:56:27,109 --> 01:56:25,400

conventional

2618

01:56:29,109 --> 01:56:27,119

explanations

2619

01:56:30,470 --> 01:56:29,119

uh you know there's been cases i've

2620

01:56:31,669 --> 01:56:30,480

talked to um

2621

01:56:33,270 --> 01:56:31,679

uh

2622

01:56:37,510 --> 01:56:33,280

sculptors

2623

01:56:39,669 --> 01:56:37,520

and uh master uh carvers who work on

2624

01:56:40,870 --> 01:56:39,679

stone today and

2625

01:56:44,310 --> 01:56:40,880

they

2626

01:56:46,229 --> 01:56:44,320

can't necessarily duplicate

2627

01:56:48,870 --> 01:56:46,239

what the ancient egyptians were doing at

2628

01:56:51,270 --> 01:56:48,880

least they can't duplicate it in any

2629

01:56:53,589 --> 01:56:51,280

reasonable time frame

2630

01:56:55,510 --> 01:56:53,599

uh they they can you know some of them

2631

01:56:57,430 --> 01:56:55,520

will say oh yeah they could do it if you

2632

01:56:59,750 --> 01:56:57,440

give them enough time and you pay them

2633

01:57:02,709 --> 01:56:59,760

enough but that's using modern power

2634

01:57:04,870 --> 01:57:02,719

tools etcetera also

2635

01:57:06,709 --> 01:57:04,880

real problem but let's back up seven

2636

01:57:08,870 --> 01:57:06,719

thousand years

2637

01:57:09,910 --> 01:57:08,880

wow

2638

01:57:12,229 --> 01:57:09,920

how

2639

01:57:15,189 --> 01:57:12,239

when you're talking 12 000 years ago

2640

01:57:18,470 --> 01:57:15,199

right so uh as a geologist

2641

01:57:20,550 --> 01:57:18,480

and you look at the 3d reliefs and it's

2642

01:57:24,070 --> 01:57:20,560

you know specifically the cat right the

2643

01:57:27,350 --> 01:57:24,080

cougar um at go beckley tappy how was

2644

01:57:30,950 --> 01:57:27,360

that done in the chip chip method

2645

01:57:34,149 --> 01:57:30,960

it's 7 000 years prior the the precision

2646

01:57:36,310 --> 01:57:34,159

of those t-pillars the 3-d relief

2647

01:57:39,750 --> 01:57:36,320

carving it's 3-d

2648

01:57:42,149 --> 01:57:39,760

it's not in said it's outset

2649

01:57:44,229 --> 01:57:42,159

how do you do that with the chip chip

2650

01:57:45,109 --> 01:57:44,239

method you don't there's got to be

2651

01:57:47,270 --> 01:57:45,119

something

2652

01:57:49,830 --> 01:57:47,280

would you say that that was our point

2653

01:57:51,510 --> 01:57:49,840

yeah that's the point that kdm i have

2654

01:57:53,910 --> 01:57:51,520

been making

2655

01:57:58,149 --> 01:57:53,920

would you be surprised now metallurgy

2656

01:58:01,430 --> 01:57:58,159

didn't happen until 2500 2700 uh bc and

2657

01:58:03,830 --> 01:58:01,440

that's copper bronze ages is is even

2658

01:58:06,390 --> 01:58:03,840

further inwards but would you be

2659

01:58:09,350 --> 01:58:06,400

surprised if there was metallurgy found

2660

01:58:10,790 --> 01:58:09,360

uh in the area of gobekli tapi would it

2661

01:58:13,430 --> 01:58:10,800

surprise us

2662

01:58:15,750 --> 01:58:13,440

i will not be surprised if we

2663

01:58:18,390 --> 01:58:15,760

at some point find metallurgy at that

2664

01:58:20,390 --> 01:58:18,400

earlier period absolutely not

2665

01:58:21,510 --> 01:58:20,400

do we are we there yet

2666

01:58:22,390 --> 01:58:21,520

no

2667

01:58:24,950 --> 01:58:22,400

uh

2668

01:58:26,790 --> 01:58:24,960

but we haven't found a lot of things and

2669

01:58:28,950 --> 01:58:26,800

i'll i'll make another point about

2670

01:58:31,510 --> 01:58:28,960

potential metallurgy or how did they

2671

01:58:34,950 --> 01:58:31,520

carve these things people often look at

2672

01:58:38,070 --> 01:58:34,960

the big statues the big monuments a big

2673

01:58:40,870 --> 01:58:38,080

megalist but at quebec lee tepe you also

2674

01:58:43,910 --> 01:58:40,880

find small things for instance you find

2675

01:58:46,470 --> 01:58:43,920

little teeny beads and these beads are

2676

01:58:49,030 --> 01:58:46,480

so beautifully carved they were used for

2677

01:58:50,790 --> 01:58:49,040

jewelry or whatnot but they're so

2678

01:58:52,790 --> 01:58:50,800

beautifully carved but what's really

2679

01:58:56,229 --> 01:58:52,800

important and the point i want to make

2680

01:58:59,910 --> 01:58:56,239

is that they have drilled through them

2681

01:59:03,030 --> 01:58:59,920

these tiny little holes along their

2682

01:59:05,990 --> 01:59:03,040

um length so these are stone beads hard

2683

01:59:07,669 --> 01:59:06,000

stone beads with little holes drilled

2684

01:59:10,390 --> 01:59:07,679

through them that are

2685

01:59:12,950 --> 01:59:10,400

you know centimeter or more long

2686

01:59:15,990 --> 01:59:12,960

how do you do that without metal allergy

2687

01:59:17,830 --> 01:59:16,000

how do you do that without uh metal what

2688

01:59:19,350 --> 01:59:17,840

are they doing are they taking like i

2689

01:59:21,430 --> 01:59:19,360

don't know what they would take you know

2690

01:59:23,990 --> 01:59:21,440

a little piece of

2691

01:59:26,310 --> 01:59:24,000

thin wood and somehow

2692

01:59:28,550 --> 01:59:26,320

you know picking away at the stone i

2693

01:59:30,790 --> 01:59:28,560

mean it you know they're going to spend

2694

01:59:32,950 --> 01:59:30,800

their lifetime picking away as i it

2695

01:59:34,790 --> 01:59:32,960

wouldn't even work yeah there is a

2696

01:59:37,270 --> 01:59:34,800

there's another i don't know how they

2697

01:59:39,589 --> 01:59:37,280

could do some of this honestly without

2698

01:59:42,070 --> 01:59:39,599

some kind of metallurgy i think it's

2699

01:59:43,430 --> 01:59:42,080

going to surface and there's another

2700

01:59:47,109 --> 01:59:43,440

site

2701

01:59:50,550 --> 01:59:47,119

a cara hoonge in in armenia proper

2702

01:59:53,910 --> 01:59:50,560

and cara hoonge which means stonehenge

2703

01:59:57,109 --> 01:59:53,920

um uh by the way in armenian but cara

2704

01:59:59,270 --> 01:59:57,119

hoonge at that site the megalithic

2705

02:00:01,350 --> 01:59:59,280

structures themselves that's one thing

2706

02:00:04,070 --> 02:00:01,360

but there was a wall

2707

02:00:05,669 --> 02:00:04,080

on the side of cara hoonge

2708

02:00:07,750 --> 02:00:05,679

with um

2709

02:00:10,950 --> 02:00:07,760

copper and metal faces

2710

02:00:13,830 --> 02:00:10,960

that were there and in the now this is

2711

02:00:16,870 --> 02:00:13,840

something that uh historians and

2712

02:00:19,669 --> 02:00:16,880

archaeologists will dispute but that

2713

02:00:22,550 --> 02:00:19,679

there is metallurgy there

2714

02:00:24,950 --> 02:00:22,560

at dating between five and seven

2715

02:00:27,189 --> 02:00:24,960

thousand bc

2716

02:00:29,910 --> 02:00:27,199

and we have to just stop and ask

2717

02:00:30,950 --> 02:00:29,920

ourselves how is that possible or is it

2718

02:00:38,790 --> 02:00:30,960

that

2719

02:00:40,550 --> 02:00:38,800

uh 3000 bc

2720

02:00:43,669 --> 02:00:40,560

yeah and what do we do with metal

2721

02:00:46,390 --> 02:00:43,679

nowadays uh well we have lots of metal

2722

02:00:48,950 --> 02:00:46,400

so yes lots of metal gets disposed of

2723

02:00:52,870 --> 02:00:48,960

but when i think nowadays i'm talking as

2724

02:00:55,910 --> 02:00:52,880

a geologist let's say the last 500 years

2725

02:00:58,470 --> 02:00:55,920

most metal would get reused people would

2726

02:01:00,709 --> 02:00:58,480

reuse metal they didn't just throw it

2727

02:01:03,830 --> 02:01:00,719

away they didn't just leave it sitting

2728

02:01:06,229 --> 02:01:03,840

around it was valuable if your metal

2729

02:01:08,709 --> 02:01:06,239

tool was no longer functional or you

2730

02:01:09,669 --> 02:01:08,719

didn't want it what did you do you

2731

02:01:13,030 --> 02:01:09,679

re

2732

02:01:15,669 --> 02:01:13,040

um

2733

02:01:17,430 --> 02:01:15,679

you didn't just toss it away

2734

02:01:19,910 --> 02:01:17,440

so yeah i think there's a lot of

2735

02:01:21,510 --> 02:01:19,920

possibility metallurgy i think is

2736

02:01:23,589 --> 02:01:21,520

something that

2737

02:01:26,070 --> 02:01:23,599

we're going to learn a lot more about in

2738

02:01:28,070 --> 02:01:26,080

the future if i could make predictions

2739

02:01:30,229 --> 02:01:28,080

we're going to learn a lot more about

2740

02:01:32,950 --> 02:01:30,239

how far back it goes and how

2741

02:01:35,109 --> 02:01:32,960

sophisticated it may have been for

2742

02:01:37,030 --> 02:01:35,119

extremely ancient people

2743

02:01:39,030 --> 02:01:37,040

i was going to say too um you're talking

2744

02:01:40,310 --> 02:01:39,040

about what different terms mean quebec

2745

02:01:42,790 --> 02:01:40,320

lee tepe

2746

02:01:45,030 --> 02:01:42,800

basically means hill with a naval or

2747

02:01:47,750 --> 02:01:45,040

even some people interpret as naval of

2748

02:01:51,030 --> 02:01:47,760

the world that type of thing but a hill

2749

02:01:53,990 --> 02:01:51,040

and a naval and the suggestion that

2750

02:01:56,950 --> 02:01:54,000

maybe this was a origins place a place

2751

02:01:59,990 --> 02:01:56,960

where things go back to a certain origin

2752

02:02:03,189 --> 02:02:00,000

uh easter island also had the name

2753

02:02:05,990 --> 02:02:03,199

tipita tahenua which essentially means a

2754

02:02:07,430 --> 02:02:06,000

naval of the world so a lot of places

2755

02:02:09,910 --> 02:02:07,440

uh trace

2756

02:02:12,310 --> 02:02:09,920

themselves back to certain

2757

02:02:14,390 --> 02:02:12,320

you know origin sites let's take our

2758

02:02:16,390 --> 02:02:14,400

break right here our guest tonight dr

2759

02:02:17,990 --> 02:02:16,400

robert m shock

2760

02:02:19,430 --> 02:02:18,000

i'm gonna hold it up to the camera we're

2761

02:02:21,990 --> 02:02:19,440

talking about

2762

02:02:24,709 --> 02:02:22,000

the revised and expanded edition of

2763

02:02:26,470 --> 02:02:24,719

forgotten civilization there it is right

2764

02:02:33,990 --> 02:02:26,480

there you can get your copy now i'll be

2765

02:02:41,589 --> 02:02:35,430

hi everybody this is rob halpert the

2766

02:02:45,189 --> 02:02:44,149

this is kgra digital broadcasting

2767

02:02:48,870 --> 02:02:45,199

station

2768

02:02:50,629 --> 02:02:48,880

salt lake city utah van buren arkansas

2769

02:02:52,790 --> 02:02:50,639

why is it we're not very good with our

2770

02:02:54,550 --> 02:02:52,800

health regiment until it's too late we

2771

02:02:56,390 --> 02:02:54,560

don't put oil in the car until the

2772

02:02:59,109 --> 02:02:56,400

engine blows up when the body's out of

2773

02:03:00,390 --> 02:02:59,119

balance your health is not so good give

2774

02:03:03,109 --> 02:03:00,400

your body some love

2775

02:03:05,669 --> 02:03:03,119

log on to get the tea.com that's get the

2776

02:03:07,350 --> 02:03:05,679

tea dot com try our life change tea

2777

02:03:10,070 --> 02:03:07,360

which cleanses you from harmful

2778

02:03:12,229 --> 02:03:10,080

intruders a clean colon is one of the

2779

02:03:14,229 --> 02:03:12,239

ways to bring the body in balance we

2780

02:03:16,870 --> 02:03:14,239

also carry organic supplements to help

2781

02:03:19,589 --> 02:03:16,880

you get where you need to go so do your

2782

02:03:22,629 --> 02:03:19,599

body a favor log on to get the tea.com

2783

02:03:24,870 --> 02:03:22,639

that's get the ttea.com

2784

02:03:27,350 --> 02:03:24,880

you can even visit our sales page to

2785

02:03:28,390 --> 02:03:27,360

save some dough does anybody call money

2786

02:03:30,070 --> 02:03:28,400

dough anymore

2787

02:03:32,550 --> 02:03:30,080

anyway if you're looking for short

2788

02:03:35,430 --> 02:03:32,560

helpful health tips go to youtube and

2789

02:03:38,070 --> 02:03:35,440

punch in health matters now that's

2790

02:03:39,270 --> 02:03:38,080

health matters now

2791

02:03:42,229 --> 02:03:39,280

so

2792

02:03:44,709 --> 02:03:42,239

log on to get the tea.com shop get

2793

02:03:47,030 --> 02:03:44,719

balanced then learn some cool tips at

2794

02:03:50,390 --> 02:03:47,040

health matters now you'll be glad you

2795

02:03:52,390 --> 02:03:50,400

did that's get the tea dot com

2796

02:03:55,589 --> 02:03:52,400

your contact for current news and

2797

02:03:57,189 --> 02:03:55,599

trending topics kgra

2798

02:03:59,030 --> 02:03:57,199

dot

2799

02:04:02,390 --> 02:03:59,040

this is jimmy church of fade to black

2800

02:04:05,589 --> 02:04:02,400

and i only drink fade to black blend

2801
02:04:07,189 --> 02:04:05,599
coffee from river moon just click on the

2802
02:04:08,950 --> 02:04:07,199
river moon coffee banner at

2803
02:04:13,030 --> 02:04:08,960
jimmychurchradio.com

2804
02:04:15,669 --> 02:04:13,040
promo code f2b blend

2805
02:04:18,470 --> 02:04:15,679
this is the only way forward

2806
02:04:23,600 --> 02:04:18,480
this is made to black

2807
02:04:29,270 --> 02:04:27,510
[Music]

2808
02:04:32,310 --> 02:04:29,280
when you're in the house for longer

2809
02:04:34,790 --> 02:04:32,320
periods of time you can see them flying

2810
02:04:36,470 --> 02:04:34,800
or running across the floor

2811
02:04:39,750 --> 02:04:36,480
ooh yuck

2812
02:04:43,990 --> 02:04:39,760
they're unhealthy gross and disgusting

2813
02:04:47,189 --> 02:04:44,000

bugs i loathe bugs we keep a clean home

2814

02:04:49,189 --> 02:04:47,199

but occasionally bugs show up well i

2815

02:04:53,030 --> 02:04:49,199

found something that is tougher than

2816

02:04:56,390 --> 02:04:53,040

bugs orange guard on contact it kills

2817

02:04:59,990 --> 02:04:56,400

hidden bugs including ants roaches and

2818

02:05:02,310 --> 02:05:00,000

fleas plus orange guard is a residual

2819

02:05:04,790 --> 02:05:02,320

repellent all of the ingredients of

2820

02:05:07,030 --> 02:05:04,800

orange guard are on the fda generally

2821

02:05:09,350 --> 02:05:07,040

recognized as safe list

2822

02:05:13,030 --> 02:05:09,360

orange guard may be used around food

2823

02:05:15,030 --> 02:05:13,040

humans and pets it comes with a 30 day

2824

02:05:17,629 --> 02:05:15,040

money back guarantee

2825

02:05:20,709 --> 02:05:17,639

orange guard available at

2826
02:05:21,570 --> 02:05:20,719
orangeguard.com whole foods and ace

2827
02:05:22,790 --> 02:05:21,580
hardware

2828
02:05:26,069 --> 02:05:22,800
[Music]

2829
02:05:28,790 --> 02:05:26,079
gold loves chaos uncertainty and

2830
02:05:30,709 --> 02:05:28,800
disarray history shows us what gold does

2831
02:05:32,550 --> 02:05:30,719
when people aren't sure aren't sure

2832
02:05:35,350 --> 02:05:32,560
about the government the stock market

2833
02:05:38,069 --> 02:05:35,360
their jobs or their retirement savings

2834
02:05:39,990 --> 02:05:38,079
our national debt is skyrocketing gold

2835
02:05:42,149 --> 02:05:40,000
and other precious metals are a defense

2836
02:05:44,950 --> 02:05:42,159
measure against inflation and a stock

2837
02:05:47,189 --> 02:05:44,960
market that might take years to recover

2838
02:05:49,510 --> 02:05:47,199

so what can you do right now to protect

2839

02:05:51,270 --> 02:05:49,520

yourself called united gold group we

2840

02:05:54,470 --> 02:05:51,280

offer gold and other precious metals

2841

02:05:56,069 --> 02:05:54,480

delivered securely within 72 hours are

2842

02:05:58,550 --> 02:05:56,079

you worried about the stock market we

2843

02:06:02,870 --> 02:05:58,560

can also help you set up a real gold or

2844

02:06:05,189 --> 02:06:02,880

silver ira or a 401k safe and secure

2845

02:06:07,510 --> 02:06:05,199

united gold group makes gold ownership

2846

02:06:09,669 --> 02:06:07,520

affordable call now and get up to twenty

2847

02:06:15,350 --> 02:06:09,679

five hundred dollars in free gold or

2848

02:06:19,750 --> 02:06:17,109

three 800-753-8534 that's eight hundred

2849

02:06:29,240 --> 02:06:19,760

seven five three eight five three four

2850

02:06:33,830 --> 02:06:31,990

[Applause]

2851

02:06:37,669 --> 02:06:33,840

you want to know a secret

2852

02:06:38,950 --> 02:06:37,679

i love ponies i really love ponies i'm

2853

02:06:41,189 --> 02:06:38,960

serious

2854

02:06:42,550 --> 02:06:41,199

i couldn't stay sane without ponies to

2855

02:06:44,629 --> 02:06:42,560

brush

2856

02:06:51,109 --> 02:06:44,639

why fade to black

2857

02:06:55,910 --> 02:06:53,350

this is fade to black with jimmy church

2858

02:07:00,480 --> 02:06:55,920

on the game changer radio network and

2859

02:07:12,709 --> 02:07:00,490

kgra the global radio alliance

2860

02:07:14,310 --> 02:07:12,719

[Music]

2861

02:07:15,750 --> 02:07:14,320

welcome back fade to black i am your

2862

02:07:17,830 --> 02:07:15,760

host jimmy church i want to let

2863

02:07:18,629 --> 02:07:17,840

everybody know

2864

02:07:22,790 --> 02:07:18,639

that

2865

02:07:24,390 --> 02:07:22,800

all the testing worked over at the

2866

02:07:29,189 --> 02:07:24,400

campus

2867

02:07:31,109 --> 02:07:29,199

night we will be broadcasting

2868

02:07:33,270 --> 02:07:31,119

uh from there we're gonna do fader night

2869

02:07:36,390 --> 02:07:33,280

we're gonna do fader night everywhere

2870

02:07:38,629 --> 02:07:36,400

don't don't freak out but if uh you've

2871

02:07:39,589 --> 02:07:38,639

got your tickets and

2872

02:07:44,629 --> 02:07:39,599

you

2873

02:07:46,470 --> 02:07:44,639

avatar on head over to the campus uh

2874

02:07:48,149 --> 02:07:46,480

tomorrow night and head into the

2875

02:07:49,589 --> 02:07:48,159

auditorium and you can check things out

2876

02:07:52,950 --> 02:07:49,599

there also

2877

02:07:55,030 --> 02:07:52,960

uh i'll see if they're um i am able to

2878

02:07:58,470 --> 02:07:55,040

well i am able to do it i don't know how

2879

02:08:01,350 --> 02:07:58,480

i can split my brain up into avatar and

2880

02:08:03,510 --> 02:08:01,360

show host mode but uh i'm going to have

2881

02:08:06,870 --> 02:08:03,520

my avatar there too as well standing on

2882

02:08:09,030 --> 02:08:06,880

the stage and so we'll figure that out

2883

02:08:11,270 --> 02:08:09,040

and i think that afterwards i'm going to

2884

02:08:14,069 --> 02:08:11,280

make captain ron

2885

02:08:16,149 --> 02:08:14,079

and uh and the team over there stay over

2886

02:08:18,709 --> 02:08:16,159

late and maybe we can do a little

2887

02:08:20,310 --> 02:08:18,719

question and answer from the podium uh

2888

02:08:22,310 --> 02:08:20,320

tomorrow night too as well and i'll go

2889

02:08:24,550 --> 02:08:22,320

into full avatar mode so we're going to

2890

02:08:25,910 --> 02:08:24,560

try all of that out uh tomorrow night

2891

02:08:27,750 --> 02:08:25,920

but that's going to be great if you

2892

02:08:30,270 --> 02:08:27,760

haven't gotten your tickets yet or built

2893

02:08:32,310 --> 02:08:30,280

your avatar just head over to

2894

02:08:33,990 --> 02:08:32,320

makingcontact.com use the promo code

2895

02:08:35,430 --> 02:08:34,000

jimmysave100

2896

02:08:38,709 --> 02:08:35,440

save 100 bucks

2897

02:08:40,790 --> 02:08:38,719

and uh and get your avatar on get get it

2898

02:08:43,669 --> 02:08:40,800

it's it's all up and running i've been

2899

02:08:45,990 --> 02:08:43,679

watching uh the screenshots and the text

2900

02:08:48,550 --> 02:08:46,000

coming in from the team over there it is

2901
02:08:51,270 --> 02:08:48,560
totally awesome and making contact kicks

2902
02:08:53,270 --> 02:08:51,280
off next week our guest tonight uh dr

2903
02:08:54,550 --> 02:08:53,280
robert m shock now

2904
02:08:56,550 --> 02:08:54,560
um

2905
02:08:59,270 --> 02:08:56,560
this is where i've we've only got a

2906
02:09:02,390 --> 02:08:59,280
short time uh left with you tonight

2907
02:09:04,870 --> 02:09:02,400
um i am going to egypt in march as you

2908
02:09:05,750 --> 02:09:04,880
know yeah robert i'm very excited about

2909
02:09:07,910 --> 02:09:05,760
this

2910
02:09:09,830 --> 02:09:07,920
but i'm gonna ask you a couple of

2911
02:09:13,350 --> 02:09:09,840
questions um

2912
02:09:14,390 --> 02:09:13,360
our first day uh first few days there

2913
02:09:17,350 --> 02:09:14,400

will be

2914

02:09:19,109 --> 02:09:17,360

in and around cairo and gisa of course

2915

02:09:21,910 --> 02:09:19,119

now uh

2916

02:09:23,189 --> 02:09:21,920

what what i want i want you to give me

2917

02:09:27,270 --> 02:09:23,199

the advice

2918

02:09:30,149 --> 02:09:27,280

okay so i i i get down into

2919

02:09:31,030 --> 02:09:30,159

the sphinx complex right and i'm walking

2920

02:09:38,069 --> 02:09:31,040

what

2921

02:09:40,229 --> 02:09:38,079

shock tell me to go and check out

2922

02:09:42,629 --> 02:09:40,239

with the sphinx down are you going to go

2923

02:09:45,189 --> 02:09:42,639

down to the sphinx enclosure i'm paying

2924

02:09:47,669 --> 02:09:45,199

everybody off i i have okay you're going

2925

02:09:49,990 --> 02:09:47,679

to pay everyone off okay but be careful

2926
02:09:51,430 --> 02:09:50,000
about paying people off because you'll

2927
02:09:52,310 --> 02:09:51,440
do it correctly

2928
02:09:55,270 --> 02:09:52,320
um

2929
02:09:58,229 --> 02:09:55,280
uh no no i'm serious i know i know i

2930
02:10:00,870 --> 02:09:58,239
know i don't you be safe in egypt with

2931
02:10:03,270 --> 02:10:00,880
the people with everything uh but you

2932
02:10:05,750 --> 02:10:03,280
get into the sphinx enclosure which um

2933
02:10:09,030 --> 02:10:05,760
if you you know you pay your um dues

2934
02:10:14,069 --> 02:10:11,430
i would take several walks around the

2935
02:10:17,030 --> 02:10:14,079
sphinx i would really observe what you

2936
02:10:18,870 --> 02:10:17,040
see on the body how does it impress you

2937
02:10:21,350 --> 02:10:18,880
you'll be able to go between the paws of

2938
02:10:24,629 --> 02:10:21,360

the sphinx you can look at the uh stella

2939

02:10:26,709 --> 02:10:24,639

the dream stella topmostis the fourth it

2940

02:10:30,629 --> 02:10:26,719

will be very interesting because you can

2941

02:10:32,310 --> 02:10:30,639

see on the stella there's two sphinxes

2942

02:10:34,470 --> 02:10:32,320

and there's been a lot of discussion

2943

02:10:36,790 --> 02:10:34,480

could there be a second sphinx that's

2944

02:10:40,149 --> 02:10:36,800

right that's one issue the other thing

2945

02:10:42,870 --> 02:10:40,159

is when you look at those sphinxes they

2946

02:10:44,709 --> 02:10:42,880

look like they're sitting on tops

2947

02:10:46,550 --> 02:10:44,719

on top of buildings

2948

02:10:48,870 --> 02:10:46,560

but what they're really doing i'm

2949

02:10:51,510 --> 02:10:48,880

convinced now is that they are showing

2950

02:10:55,350 --> 02:10:51,520

that there is something under the sphinx

2951
02:10:57,669 --> 02:10:55,360
and in fact we found under the sphinx

2952
02:11:00,790 --> 02:10:57,679
when i say we this is thomas de becky

2953
02:11:03,350 --> 02:11:00,800
and myself back in the 1990s using

2954
02:11:06,149 --> 02:11:03,360
seismic techniques we found a chamber

2955
02:11:08,069 --> 02:11:06,159
under the left paw of the sphinx so when

2956
02:11:11,430 --> 02:11:08,079
you're at the sphinx i'm talking the

2957
02:11:14,470 --> 02:11:11,440
left paw of the sphinx as an animal so

2958
02:11:17,350 --> 02:11:14,480
if you're facing the sphinx it's the paw

2959
02:11:20,629 --> 02:11:17,360
on your right side right but it's under

2960
02:11:24,069 --> 02:11:20,639
that that there is a major chamber which

2961
02:11:26,629 --> 02:11:24,079
may in fact be the quote hall of records

2962
02:11:29,510 --> 02:11:26,639
that edgar cayce talked about that

2963
02:11:31,910 --> 02:11:29,520

ancient people talked about we now have

2964

02:11:37,030 --> 02:11:31,920

hieroglyphic evidence that the sphinx

2965

02:11:40,149 --> 02:11:37,040

was originally a lioness a female lion

2966

02:11:44,629 --> 02:11:40,159

one of the things that i first noted

2967

02:11:46,709 --> 02:11:44,639

noticed when i went to um

2968

02:11:49,430 --> 02:11:46,719

egypt the first time i ever went to

2969

02:11:51,350 --> 02:11:49,440

egypt and saw the sphinx i said to

2970

02:11:54,069 --> 02:11:51,360

myself actually i said it out loud that

2971

02:11:56,550 --> 02:11:54,079

the head is too small for the body

2972

02:11:58,870 --> 02:11:56,560

that's because that is not the original

2973

02:12:02,069 --> 02:11:58,880

head that human

2974

02:12:04,870 --> 02:12:02,079

dynastic head is a recarved head

2975

02:12:07,270 --> 02:12:04,880

originally it was a lioness

2976

02:12:09,990 --> 02:12:07,280

something else you can look for

2977

02:12:11,109 --> 02:12:10,000

is that as you look at the body of the

2978

02:12:14,950 --> 02:12:11,119

sphinx

2979

02:12:17,189 --> 02:12:14,960

go along the sides of it both the north

2980

02:12:19,270 --> 02:12:17,199

and south sides

2981

02:12:23,109 --> 02:12:19,280

and you will see it sort of filled in

2982

02:12:26,149 --> 02:12:23,119

with cement now but the sphinx's body at

2983

02:12:28,870 --> 02:12:26,159

one point was actually cracked through

2984

02:12:32,390 --> 02:12:28,880

there's a fissure going through it and

2985

02:12:35,669 --> 02:12:32,400

this is probably i'm convinced

2986

02:12:38,629 --> 02:12:35,679

because the sphinx was hit by lightning

2987

02:12:41,030 --> 02:12:38,639

quote lightning unquote but we're not

2988

02:12:43,750 --> 02:12:41,040

talking about atmospheric lightning

2989

02:12:47,109 --> 02:12:43,760

we're talking about a plasma strike

2990

02:12:50,310 --> 02:12:47,119

during the solar outburst that ended the

2991

02:12:53,109 --> 02:12:50,320

last ice age and on something known as

2992

02:12:56,470 --> 02:12:53,119

the inventory stella which was found at

2993

02:12:58,950 --> 02:12:56,480

giza there's actually an inscription

2994

02:12:59,830 --> 02:12:58,960

that talks about khufu

2995

02:13:01,270 --> 02:12:59,840

the

2996

02:13:04,069 --> 02:13:01,280

person who

2997

02:13:06,950 --> 02:13:04,079

supposedly built the great pyramid or

2998

02:13:09,830 --> 02:13:06,960

had the great pyramid built that he

2999

02:13:11,830 --> 02:13:09,840

venerated the sphinx that the sphinx was

3000

02:13:15,189 --> 02:13:11,840

much much older than

3001

02:13:16,629 --> 02:13:15,199

his reign and that he went to see the

3002

02:13:20,069 --> 02:13:16,639

thunderbolt

3003

02:13:23,109 --> 02:13:20,079

that hit the sphinx and that lightning

3004

02:13:25,669 --> 02:13:23,119

or a thunderbolt had hit the sphinx you

3005

02:13:27,189 --> 02:13:25,679

can still see evidence of that if you

3006

02:13:28,950 --> 02:13:27,199

know what you're

3007

02:13:29,830 --> 02:13:28,960

looking

3008

02:13:31,830 --> 02:13:29,840

should i ask at

3009

02:13:33,990 --> 02:13:31,840

about things i'm giving you a few

3010

02:13:35,830 --> 02:13:34,000

highlights let me ask you about with you

3011

02:13:38,629 --> 02:13:35,840

and just show you on site

3012

02:13:40,709 --> 02:13:38,639

we talk about at length well we we might

3013

02:13:43,350 --> 02:13:40,719

be able to arrange that now let me ask

3014

02:13:46,310 --> 02:13:43,360

you this about the inventory stella

3015

02:13:48,390 --> 02:13:46,320

doesn't it um now first off it's that

3016

02:13:50,550 --> 02:13:48,400

isn't for public consumption anymore

3017

02:13:51,830 --> 02:13:50,560

right they've got that locked up uh on

3018

02:13:54,390 --> 02:13:51,840

the plateau

3019

02:13:56,870 --> 02:13:54,400

i i could not find it i think the last

3020

02:14:02,310 --> 02:13:56,880

time i was in egypt

3021

02:14:04,790 --> 02:14:02,320

uh last time i was looking for it in the

3022

02:14:07,189 --> 02:14:04,800

old egyptian museum and i say the old

3023

02:14:09,830 --> 02:14:07,199

egyptian museum because they are now

3024

02:14:12,950 --> 02:14:09,840

moving things through they're moving

3025

02:14:15,109 --> 02:14:12,960

things to the new egyptian museum right

3026

02:14:18,149 --> 02:14:15,119

in fact i forget when a couple months

3027

02:14:21,669 --> 02:14:18,159

ago they had this big parade where they

3028

02:14:24,870 --> 02:14:21,679

took the pharaohs and it was i hate to

3029

02:14:28,229 --> 02:14:24,880

say it's almost gaudy but

3030

02:14:32,790 --> 02:14:30,310

all the temples and whatnot were

3031

02:14:33,589 --> 02:14:32,800

painted with bright colors i mean they

3032

02:14:35,910 --> 02:14:33,599

don't

3033

02:14:38,830 --> 02:14:35,920

they didn't look like they look now

3034

02:14:41,510 --> 02:14:38,840

originally they were all painted

3035

02:14:44,550 --> 02:14:41,520

uh well back to the image right colors

3036

02:14:45,750 --> 02:14:44,560

but back to the inventory stella

3037

02:14:47,830 --> 02:14:45,760

yeah

3038

02:14:49,750 --> 02:14:47,840

the last time i saw the inventory still

3039

02:14:52,629 --> 02:14:49,760

was a few years ago and then it was

3040

02:14:54,550 --> 02:14:52,639

taken off of display but this is my

3041

02:14:56,629 --> 02:14:54,560

where it is right now but this is my

3042

02:14:57,790 --> 02:14:56,639

question robert

3043

02:15:01,270 --> 02:14:57,800

doesn't the

3044

02:15:02,390 --> 02:15:01,280

inventory stella indicate that khufu

3045

02:15:04,629 --> 02:15:02,400

showed up

3046

02:15:06,950 --> 02:15:04,639

and the great sphinx was already there

3047

02:15:09,589 --> 02:15:06,960

and the pyramid was already there he was

3048

02:15:16,709 --> 02:15:09,599

there to do repairs

3049

02:15:18,709 --> 02:15:16,719

ancient great sphinx absolutely that's

3050

02:15:22,149 --> 02:15:18,719

what the inventory says

3051

02:15:25,189 --> 02:15:22,159

that's what the inventory stella says in

3052

02:15:27,990 --> 02:15:25,199

no uncertain terms that he was repairing

3053

02:15:31,189 --> 02:15:28,000

a very ancient sphinx and it's

3054

02:15:34,709 --> 02:15:31,199

explicitly as i just was pointing out

3055

02:15:36,550 --> 02:15:34,719

talks about a huge thunderbolt which i

3056

02:15:38,790 --> 02:15:36,560

think was um

3057

02:15:41,669 --> 02:15:38,800

you know plasma strike plasma being

3058

02:15:44,709 --> 02:15:41,679

electrically charged particles thrown

3059

02:15:48,629 --> 02:15:44,719

off by the sun that hit earth we have

3060

02:15:52,149 --> 02:15:48,639

the evidence of this around the world we

3061

02:15:54,470 --> 02:15:52,159

have petroglyphs that show that people

3062

02:15:57,109 --> 02:15:54,480

observe this in the sky

3063

02:15:59,830 --> 02:15:57,119

um this is recorded on easter island

3064

02:16:04,550 --> 02:15:59,840

with a rongo rongo we have what's known

3065

02:16:07,350 --> 02:16:04,560

as vitrification where rock was hit by

3066

02:16:09,990 --> 02:16:07,360

these electrical discharges incredibly

3067

02:16:13,189 --> 02:16:10,000

powerful electrical discharges that

3068

02:16:15,589 --> 02:16:13,199

melted the surface rock and then it um

3069

02:16:19,109 --> 02:16:15,599

formed a glassy

3070

02:16:21,589 --> 02:16:19,119

casing essentially a glassy um sheet on

3071

02:16:23,669 --> 02:16:21,599

the surface of the rock we see that

3072

02:16:26,310 --> 02:16:23,679

right on the giza plateau

3073

02:16:29,350 --> 02:16:26,320

if um i don't know if you'll find it but

3074

02:16:32,870 --> 02:16:29,360

if you look in forgotten civilization

3075

02:16:35,349 --> 02:16:32,880

you've got a copy of the new edition

3076

02:16:37,110 --> 02:16:35,359

and i am flipping through it right now

3077

02:16:39,190 --> 02:16:37,120

to find it

3078

02:16:42,469 --> 02:16:39,200

there is a picture of the inventory

3079

02:16:45,270 --> 02:16:42,479

stella on page 337

3080

02:16:48,389 --> 02:16:45,280

and two views of me

3081

02:16:52,150 --> 02:16:48,399

showing some of the um vitrified rock

3082

02:16:53,990 --> 02:16:52,160

from a plasma strike on the giza plateau

3083

02:16:54,709 --> 02:16:54,000

i'm looking for it right now now what

3084

02:16:59,830 --> 02:16:54,719

about

3085

02:17:03,030 --> 02:16:59,840

i'm going to do this for everybody i got

3086

02:17:04,950 --> 02:17:03,040

to put on my glasses i got right

3087

02:17:08,549 --> 02:17:04,960

i just can't do it you see here oh don't

3088

02:17:11,750 --> 02:17:08,559

worry we all have yeah man i'm old i'm

3089

02:17:15,830 --> 02:17:11,760

old i'm old i'm old

3090

02:17:17,750 --> 02:17:15,840

you're not old um urfa man he's old and

3091

02:17:20,309 --> 02:17:17,760

look how well he's doing

3092

02:17:22,389 --> 02:17:20,319

that's a good 12 000 years now that

3093

02:17:25,910 --> 02:17:22,399

that's the reason why they kept the uh

3094

02:17:27,349 --> 02:17:25,920

they're keeping the inventory stella uh

3095

02:17:29,750 --> 02:17:27,359

away from

3096

02:17:32,150 --> 02:17:29,760

uh prying eyes but there it is right

3097

02:17:34,870 --> 02:17:32,160

there yeah that's a picture i took of it

3098

02:17:35,669 --> 02:17:34,880

when it was still available to see and

3099

02:17:36,790 --> 02:17:35,679

uh

3100

02:17:38,870 --> 02:17:36,800

um

3101

02:17:41,830 --> 02:17:38,880

you know i took lots of close-ups of it

3102

02:17:44,950 --> 02:17:41,840

it's not very impressive uh just to see

3103

02:17:47,349 --> 02:17:44,960

as a hard object but the inscriptions on

3104

02:17:50,070 --> 02:17:47,359

it and what it says and what it means

3105

02:17:52,709 --> 02:17:50,080

that is incredibly impressive now what

3106

02:17:55,030 --> 02:17:52,719

about the what about the great pyramid

3107

02:17:57,429 --> 02:17:55,040

what is it that i need to go if you're

3108

02:18:00,629 --> 02:17:57,439

going to guide me

3109

02:18:02,309 --> 02:18:00,639

uh what do i need to take note of um

3110

02:18:04,150 --> 02:18:02,319

inside of the grape um

3111

02:18:06,870 --> 02:18:04,160

make sure you get through

3112

02:18:09,429 --> 02:18:06,880

get make sure you see everything you can

3113

02:18:12,629 --> 02:18:09,439

in the great pyramid so

3114

02:18:14,549 --> 02:18:12,639

typically people see the grand gallery

3115

02:18:17,349 --> 02:18:14,559

the king's chamber

3116

02:18:19,509 --> 02:18:17,359

you can't miss those but if you have the

3117

02:18:21,509 --> 02:18:19,519

opportunity make sure you go into the

3118

02:18:24,150 --> 02:18:21,519

queen's chamber

3119

02:18:26,790 --> 02:18:24,160

uh and if you have the opportunity

3120

02:18:29,589 --> 02:18:26,800

definitely go down to the subterranean

3121

02:18:30,469 --> 02:18:29,599

chamber also known as the pit

3122

02:18:32,629 --> 02:18:30,479

uh

3123

02:18:36,070 --> 02:18:32,639

that is actually my favorite place in

3124

02:18:38,389 --> 02:18:36,080

the great pyramid it's well down and

3125

02:18:40,469 --> 02:18:38,399

well down into the bedrock

3126

02:18:43,429 --> 02:18:40,479

under the great pyramid

3127

02:18:45,349 --> 02:18:43,439

it's probably the oldest portion of the

3128

02:18:48,150 --> 02:18:45,359

structure that we now call the great

3129

02:18:51,349 --> 02:18:48,160

pyramid i believe that they carved out

3130

02:18:54,230 --> 02:18:51,359

that subterranean chamber first and the

3131

02:18:57,270 --> 02:18:54,240

great pyramid was built over it

3132

02:19:00,150 --> 02:18:57,280

uh the great pyramid was probably

3133

02:19:02,469 --> 02:19:00,160

built in stages the earliest stages

3134

02:19:06,230 --> 02:19:02,479

going well back before

3135

02:19:09,190 --> 02:19:06,240

the time of khufu etc

3136

02:19:11,589 --> 02:19:09,200

probably adopted an earlier structure

3137

02:19:13,110 --> 02:19:11,599

maybe rebuilt parts of it this is my

3138

02:19:13,990 --> 02:19:13,120

interpretation

3139

02:19:16,070 --> 02:19:14,000

um

3140

02:19:19,030 --> 02:19:16,080

makes sense so yes it was used during

3141

02:19:22,950 --> 02:19:19,040

dynastic times but its origins go back

3142

02:19:26,389 --> 02:19:22,960

much earlier likewise the second pyramid

3143

02:19:29,270 --> 02:19:26,399

when you go to see it notice that around

3144

02:19:31,589 --> 02:19:29,280

the base of the second pyramid there is

3145

02:19:33,509 --> 02:19:31,599

a granite ring there's granite around

3146

02:19:35,669 --> 02:19:33,519

the base there's a layer of granite

3147

02:19:38,950 --> 02:19:35,679

around the base well what does this

3148

02:19:42,070 --> 02:19:38,960

indicate this indicates that the ancient

3149

02:19:43,990 --> 02:19:42,080

dynastic egyptians were restoring they

3150

02:19:46,150 --> 02:19:44,000

were refurbishing

3151

02:19:48,230 --> 02:19:46,160

an older structure

3152

02:19:51,110 --> 02:19:48,240

you'll see the same thing at the

3153

02:19:53,990 --> 02:19:51,120

so-called valley temple which is right

3154

02:19:58,630 --> 02:19:54,000

next to the sphinx temple how that was

3155

02:20:02,230 --> 02:19:58,640

uh refaced recovered with granite the

3156

02:20:04,550 --> 02:20:02,240

older limestone temple was being reused

3157

02:20:06,950 --> 02:20:04,560

and refurbished

3158

02:20:09,830 --> 02:20:06,960

close to five thousand years ago but the

3159

02:20:11,910 --> 02:20:09,840

point is that the actual temple goes

3160

02:20:15,429 --> 02:20:11,920

back to a much earlier

3161

02:20:17,110 --> 02:20:15,439

period by thousands of years

3162

02:20:18,950 --> 02:20:17,120

throughout egypt if you know what you're

3163

02:20:20,550 --> 02:20:18,960

looking at and you know what you're

3164

02:20:23,910 --> 02:20:20,560

looking for you can see how these

3165

02:20:24,870 --> 02:20:23,920

structures were used and reused and some

3166

02:20:27,110 --> 02:20:24,880

of them

3167

02:20:29,670 --> 02:20:27,120

we are convinced when i say we katie and

3168

02:20:32,550 --> 02:20:29,680

i are convinced go back to that earlier

3169

02:20:35,190 --> 02:20:32,560

cycle civilization the egyptians were

3170

02:20:37,910 --> 02:20:35,200

inheriting things they were reusing

3171

02:20:40,950 --> 02:20:37,920

things that were already thousands of

3172

02:20:45,429 --> 02:20:40,960

years old the great sphinx being the

3173

02:20:47,270 --> 02:20:45,439

most obvious and the best known of the

3174

02:20:48,469 --> 02:20:47,280

very ancient structures they were

3175

02:20:50,630 --> 02:20:48,479

reusing

3176

02:20:53,590 --> 02:20:50,640

now why do you

3177

02:20:57,510 --> 02:20:53,600

what is your belief about cafe

3178

02:20:58,950 --> 02:20:57,520

and the interior of that pyramid do you

3179

02:21:01,190 --> 02:20:58,960

think it is

3180

02:21:03,110 --> 02:21:01,200

there's much to be discovered there that

3181

02:21:05,429 --> 02:21:03,120

it could be just as elegant on the

3182

02:21:07,910 --> 02:21:05,439

inside as the great pyramid

3183

02:21:10,309 --> 02:21:07,920

yeah there there's probably more in the

3184

02:21:11,750 --> 02:21:10,319

coffered pyramid the second pyramid just

3185

02:21:12,469 --> 02:21:11,760

so everyone knows what we're talking

3186

02:21:16,389 --> 02:21:12,479

about

3187

02:21:18,870 --> 02:21:16,399

um which is the pyramid that's directly

3188

02:21:20,870 --> 02:21:18,880

behind the sphinx more or less directly

3189

02:21:21,750 --> 02:21:20,880

west of the sphinx

3190

02:21:24,070 --> 02:21:21,760

uh

3191

02:21:27,030 --> 02:21:24,080

there's very little right now in the

3192

02:21:29,990 --> 02:21:27,040

sense of chambers and passages but there

3193

02:21:32,070 --> 02:21:30,000

could well be a lot more in there

3194

02:21:35,510 --> 02:21:32,080

and i will not be surprised if

3195

02:21:39,429 --> 02:21:35,520

eventually we find it just like with the

3196

02:21:40,790 --> 02:21:39,439

moography the that was made the news and

3197

02:21:43,590 --> 02:21:40,800

i don't know if you and i have talked

3198

02:21:47,190 --> 02:21:43,600

about that but the maography that was

3199

02:21:50,309 --> 02:21:47,200

used to find this huge chamber which has

3200

02:21:55,110 --> 02:21:50,319

still not been explored above the grand

3201

02:21:58,870 --> 02:21:55,120

gallery in the great pyramid

3202

02:22:00,070 --> 02:21:58,880

now the the subterranean chamber uh what

3203

02:22:03,990 --> 02:22:00,080

what

3204

02:22:07,190 --> 02:22:04,000

does it have anything to do with the

3205

02:22:09,190 --> 02:22:07,200

great pyramid or is this just an uh an

3206

02:22:12,389 --> 02:22:09,200

attempt at an earlier

3207

02:22:14,630 --> 02:22:12,399

uh temple site and then they came in and

3208

02:22:16,469 --> 02:22:14,640

just built a great pyramid on top no no

3209

02:22:17,750 --> 02:22:16,479

no i'd that well

3210

02:22:20,150 --> 02:22:17,760

yes and no

3211

02:22:23,110 --> 02:22:20,160

uh the subterranean chamber under the

3212

02:22:24,550 --> 02:22:23,120

great pyramid is part of the great

3213

02:22:28,389 --> 02:22:24,560

pyramid

3214

02:22:31,429 --> 02:22:28,399

interior complex at this point but it's

3215

02:22:34,150 --> 02:22:31,439

well down in the bedrock under what was

3216

02:22:37,830 --> 02:22:34,160

a natural hill or knoll

3217

02:22:40,630 --> 02:22:37,840

in the bedrock the entire

3218

02:22:43,429 --> 02:22:40,640

giza plateau was probably hit by quotes

3219

02:22:46,630 --> 02:22:43,439

lightning more or less of solar outburst

3220

02:22:49,670 --> 02:22:46,640

12 000 or close to 12 000 years ago

3221

02:22:53,110 --> 02:22:49,680

that's probably in large part why it's a

3222

02:22:54,790 --> 02:22:53,120

sacred site in fact what we found and

3223

02:22:57,830 --> 02:22:54,800

again i talked about this in forgotten

3224

02:23:01,510 --> 02:22:57,840

civilization is that a lot of the sacred

3225

02:23:03,429 --> 02:23:01,520

sites around the world um may be sacred

3226

02:23:05,270 --> 02:23:03,439

sites or may have been

3227

02:23:06,710 --> 02:23:05,280

considered sacred sites because they

3228

02:23:09,590 --> 02:23:06,720

were hit

3229

02:23:11,990 --> 02:23:09,600

uh by plasma outburst by solar outburst

3230

02:23:15,429 --> 02:23:12,000

this is literally where the sun

3231

02:23:17,110 --> 02:23:15,439

which was equated with god and i talked

3232

02:23:20,230 --> 02:23:17,120

about that in the book

3233

02:23:22,150 --> 02:23:20,240

uh equate it with god where god touched

3234

02:23:25,270 --> 02:23:22,160

the earth if you would in a literal

3235

02:23:28,870 --> 02:23:25,280

sense so this may be what's happening at

3236

02:23:30,309 --> 02:23:28,880

giza and specifically at the site of the

3237

02:23:32,710 --> 02:23:30,319

great pyramid

3238

02:23:34,150 --> 02:23:32,720

that's why they uh carved or maybe

3239

02:23:37,190 --> 02:23:34,160

enlarged

3240

02:23:40,790 --> 02:23:37,200

what was a natural chamber in the rock

3241

02:23:43,270 --> 02:23:40,800

it was probably a very important sacred

3242

02:23:46,309 --> 02:23:43,280

this or the best term we have for it in

3243

02:23:49,590 --> 02:23:46,319

our modern language site and it's

3244

02:23:51,990 --> 02:23:49,600

because it was an important sacred site

3245

02:23:52,870 --> 02:23:52,000

that the great pyramid was built on top

3246

02:23:55,910 --> 02:23:52,880

of it

3247

02:23:58,230 --> 02:23:55,920

it's not that it's just you know was uh

3248

02:24:00,150 --> 02:23:58,240

something earlier and the great

3249

02:24:02,150 --> 02:24:00,160

pyramid happened to be built in the same

3250

02:24:05,110 --> 02:24:02,160

place no they all are integrated

3251

02:24:07,750 --> 02:24:05,120

together and sacred sites around the

3252

02:24:10,070 --> 02:24:07,760

world are genuine you can't just put up

3253

02:24:12,230 --> 02:24:10,080

a pyramid anywhere and then dub it

3254

02:24:15,429 --> 02:24:12,240

uh sacred or put up a temple anywhere

3255

02:24:18,630 --> 02:24:15,439

and dub it a sacred site would

3256

02:24:21,349 --> 02:24:18,640

will you go down to um will you be down

3257

02:24:25,590 --> 02:24:21,359

uh to the aswan region yeah we're gonna

3258

02:24:27,510 --> 02:24:25,600

have one we're gonna do uh seven days on

3259

02:24:28,790 --> 02:24:27,520

the Nile uh we're going to do it all

3260

02:24:30,389 --> 02:24:28,800

we're going to go to ask why and we're

3261

02:24:34,309 --> 02:24:30,399

going to go to ed foo

3262

02:24:36,389 --> 02:24:34,319

of course we're going to do Luxor

3263

02:24:38,070 --> 02:24:36,399

so yeah are you going to go to philly do

3264

02:24:41,670 --> 02:24:38,080

you know if you'll go to philly the

3265

02:24:44,070 --> 02:24:41,680

temple of isis yes i believe we are

3266

02:24:47,510 --> 02:24:44,080

going to the temple of isis and we are

3267

02:24:52,150 --> 02:24:47,520

also um all of the uh

3268

02:24:53,990 --> 02:24:52,160

uh uh seti one seti two um and and all

3269

02:24:55,750 --> 02:24:54,000

of that yeah he does

3270

02:24:57,429 --> 02:24:55,760

yeah all of that

3271

02:24:59,670 --> 02:24:57,439

the reason i bring it up is because if

3272

02:25:03,510 --> 02:24:59,680

you go to the temple isis it's very

3273

02:25:04,710 --> 02:25:03,520

interesting isis the temple of isis at

3274

02:25:08,070 --> 02:25:04,720

philly

3275

02:25:10,550 --> 02:25:08,080

was actually moved it was actually moved

3276

02:25:12,469 --> 02:25:10,560

because of the damn

3277

02:25:14,550 --> 02:25:12,479

damn right which

3278

02:25:16,870 --> 02:25:14,560

it would have been totally submerged

3279

02:25:20,630 --> 02:25:16,880

underwater say that so they moved it to

3280

02:25:21,990 --> 02:25:20,640

higher ground but many studies have

3281

02:25:24,550 --> 02:25:22,000

indicated

3282

02:25:27,830 --> 02:25:24,560

that the sacred site

3283

02:25:30,550 --> 02:25:27,840

is the site underwater it where it was

3284

02:25:33,510 --> 02:25:30,560

moved to higher ground okay now the

3285

02:25:36,870 --> 02:25:33,520

temple is there the superstructure etc

3286

02:25:41,190 --> 02:25:36,880

but it sort of lost its um

3287

02:25:43,750 --> 02:25:41,200

how should we say um vitality as as a

3288

02:25:45,429 --> 02:25:43,760

actual temple if that makes any sense oh

3289

02:25:48,550 --> 02:25:45,439

it does make sense and you know what one

3290

02:25:51,910 --> 02:25:48,560

of the funny it's it's a comedic film

3291

02:25:54,150 --> 02:25:51,920

that i watched it was the documentary

3292

02:25:57,830 --> 02:25:54,160

about them moving that

3293

02:26:00,469 --> 02:25:57,840

that temple because they couldn't do it

3294

02:26:02,389 --> 02:26:00,479

yeah i i could not believe uh all of the

3295

02:26:06,630 --> 02:26:02,399

biggest cranes

3296

02:26:07,750 --> 02:26:06,640

and machinery and engineering and oh

3297

02:26:09,990 --> 02:26:07,760

it's great

3298

02:26:11,750 --> 02:26:10,000

that's amazing and and yeah what they

3299

02:26:13,590 --> 02:26:11,760

did and they still

3300

02:26:15,910 --> 02:26:13,600

i don't want to be critical but they

3301

02:26:18,790 --> 02:26:15,920

didn't go they did not get it quite

3302

02:26:21,510 --> 02:26:18,800

right no they did not it's a it's it's

3303

02:26:22,870 --> 02:26:21,520

comedy you know and if you ever wanted

3304

02:26:25,750 --> 02:26:22,880

proof of

3305

02:26:28,630 --> 02:26:25,760

of uh how difficult it is for us to do

3306

02:26:31,110 --> 02:26:28,640

it with all of the hydraulics right that

3307

02:26:32,389 --> 02:26:31,120

we have today all of the knowledge that

3308

02:26:35,990 --> 02:26:32,399

we have today

3309

02:26:38,469 --> 02:26:36,000

and uh they they didn't they didn't pull

3310

02:26:39,910 --> 02:26:38,479

that off and they almost didn't pull it

3311

02:26:43,190 --> 02:26:39,920

off at all

3312

02:26:44,950 --> 02:26:43,200

um exactly exactly now exactly i wanted

3313

02:26:47,270 --> 02:26:44,960

to mention something else while we're

3314

02:26:49,270 --> 02:26:47,280

thinking of it uh because we mentioned

3315

02:26:52,309 --> 02:26:49,280

uh astronomy and that type of thing

3316

02:26:55,429 --> 02:26:52,319

before quebec lee tepe and i talked

3317

02:26:57,910 --> 02:26:55,439

about this in forgotten civilization it

3318

02:27:00,469 --> 02:26:57,920

has alignments um and they were looking

3319

02:27:04,070 --> 02:27:00,479

at precession which is incredibly

3320

02:27:05,830 --> 02:27:04,080

sophisticated so 12 000 years ago they

3321

02:27:08,870 --> 02:27:05,840

knew about things

3322

02:27:11,190 --> 02:27:08,880

uh very subtle astronomical alignments

3323

02:27:13,670 --> 02:27:11,200

and changes that

3324

02:27:14,630 --> 02:27:13,680

classic historians said were not known

3325

02:27:17,590 --> 02:27:14,640

until

3326

02:27:20,230 --> 02:27:17,600

a mere twenty one twenty two hundred

3327

02:27:22,469 --> 02:27:20,240

years ago uh yet they knew about twelve

3328

02:27:25,590 --> 02:27:22,479

thousand years ago when you look at the

3329

02:27:27,830 --> 02:27:25,600

great pyramid and the second pyramid the

3330

02:27:29,270 --> 02:27:27,840

cup the khufu pyramid and the kavra

3331

02:27:32,790 --> 02:27:29,280

pyramid

3332

02:27:35,830 --> 02:27:32,800

they are beautifully aligned i mean to

3333

02:27:38,870 --> 02:27:35,840

the level of precision that

3334

02:27:40,070 --> 02:27:38,880

we could not calculate how well lined

3335

02:27:43,270 --> 02:27:40,080

they were

3336

02:27:45,990 --> 02:27:43,280

until the late 19th early 20th century

3337

02:27:47,070 --> 02:27:46,000

because it wasn't it was not until

3338

02:27:49,990 --> 02:27:47,080

about

3339

02:27:53,510 --> 02:27:50,000

150 years ago that we had good enough

3340

02:27:54,630 --> 02:27:53,520

instrumentation to realize how perfectly

3341

02:27:57,830 --> 02:27:54,640

aligned

3342

02:28:01,030 --> 02:27:57,840

the pyramids are to true north for

3343

02:28:04,070 --> 02:28:01,040

instance one of the one one of the uh

3344

02:28:06,870 --> 02:28:04,080

best examples of engineering when it

3345

02:28:09,830 --> 02:28:06,880

comes to the giza plateau yes okay yeah

3346

02:28:12,309 --> 02:28:09,840

they built three big ass pyramids

3347

02:28:14,630 --> 02:28:12,319

yeah obviously nice but you know what

3348

02:28:17,190 --> 02:28:14,640

that that robert that's not what

3349

02:28:18,389 --> 02:28:17,200

impresses me the most what impresses me

3350

02:28:20,790 --> 02:28:18,399

the most

3351

02:28:23,590 --> 02:28:20,800

is they understood

3352

02:28:25,990 --> 02:28:23,600

that they had to have a level base they

3353

02:28:30,070 --> 02:28:26,000

leveled off that hilltop

3354

02:28:31,910 --> 02:28:30,080

they then brought in the stones to

3355

02:28:34,950 --> 02:28:31,920

build the base that would support the

3356

02:28:36,070 --> 02:28:34,960

stones mathematically correct

3357

02:28:39,110 --> 02:28:36,080

level

3358

02:28:41,030 --> 02:28:39,120

obviously to uh true north okay so all

3359

02:28:45,190 --> 02:28:41,040

of that is but they had to have that

3360

02:28:47,510 --> 02:28:45,200

knowledge of how to build the foundation

3361

02:28:50,230 --> 02:28:47,520

to support the weight of two and a half

3362

02:28:53,349 --> 02:28:50,240

million exactly exactly exactly because

3363

02:28:55,590 --> 02:28:53,359

this is not trivial at all and also the

3364

02:28:58,790 --> 02:28:55,600

sighting of the great pyramid and the

3365

02:29:01,190 --> 02:28:58,800

other pyramids uh people sort of don't

3366

02:29:02,230 --> 02:29:01,200

think about usually when they're there

3367

02:29:03,110 --> 02:29:02,240

but

3368

02:29:04,070 --> 02:29:03,120

they

3369

02:29:06,550 --> 02:29:04,080

this

3370

02:29:08,870 --> 02:29:06,560

exactly where they set them i think was

3371

02:29:11,670 --> 02:29:08,880

determined by other things than

3372

02:29:14,150 --> 02:29:11,680

practical considerations and i've spoken

3373

02:29:16,469 --> 02:29:14,160

to a number of engineers who said if you

3374

02:29:19,190 --> 02:29:16,479

just took the giza plateau and you

3375

02:29:21,750 --> 02:29:19,200

picked you picked the best engineering

3376

02:29:24,469 --> 02:29:21,760

spot as to where to set down a big

3377

02:29:26,309 --> 02:29:24,479

pyramid it would not be where the great

3378

02:29:28,790 --> 02:29:26,319

pyramid is today it would not be where

3379

02:29:32,630 --> 02:29:28,800

the second pyramid is today

3380

02:29:33,670 --> 02:29:32,640

um and i'm sure the egyptians knew that

3381

02:29:36,230 --> 02:29:33,680

but they

3382

02:29:38,309 --> 02:29:36,240

took those spots anyway because those

3383

02:29:40,309 --> 02:29:38,319

were the spots they needed because those

3384

02:29:42,070 --> 02:29:40,319

were will use the term sacred those were

3385

02:29:45,750 --> 02:29:42,080

the sacred spots

3386

02:29:47,590 --> 02:29:45,760

and they worked around

3387

02:29:50,150 --> 02:29:47,600

the disadvantage

3388

02:29:52,550 --> 02:29:50,160

where they are which was a even more

3389

02:29:54,389 --> 02:29:52,560

amazing engineering feat taking into

3390

02:29:57,349 --> 02:29:54,399

account that these were not the ideal

3391

02:29:59,990 --> 02:29:57,359

spots initially from engineering am i

3392

02:30:02,309 --> 02:30:00,000

making sense oh i've been arguing about

3393

02:30:05,110 --> 02:30:02,319

this for so long but nobody will listen

3394

02:30:08,070 --> 02:30:05,120

that's why you and i need to be the new

3395

02:30:11,510 --> 02:30:08,080

team let me ask you let me ask you this

3396

02:30:13,349 --> 02:30:11,520

uh there's i'm there i'm very confused

3397

02:30:16,190 --> 02:30:13,359

about one thing

3398

02:30:19,990 --> 02:30:16,200

if we back up to

3399

02:30:22,950 --> 02:30:20,000

2700 bc the alleged construction date

3400

02:30:25,030 --> 02:30:22,960

okay i'm i'm using the word alleged but

3401

02:30:26,950 --> 02:30:25,040

if we go to oswan

3402

02:30:28,230 --> 02:30:26,960

and we get a

3403

02:30:40,070 --> 02:30:28,240

a

3404

02:30:41,990 --> 02:30:40,080

how did they get so you know i did not

3405

02:30:43,590 --> 02:30:42,000

mention you seeing the relieving

3406

02:30:45,270 --> 02:30:43,600

chambers because i don't think there's

3407

02:30:48,389 --> 02:30:45,280

any chance they would let you get up

3408

02:30:51,670 --> 02:30:48,399

there ah man i've been up there three

3409

02:30:54,230 --> 02:30:51,680

times but it's pretty claustrophobic

3410

02:30:57,030 --> 02:30:54,240

people up there and then there was a

3411

02:30:59,429 --> 02:30:57,040

whole hubbub about the cartouche and it

3412

02:31:01,429 --> 02:30:59,439

being damaged etc and the last i heard

3413

02:31:05,510 --> 02:31:01,439

no one's going up there yeah yeah go

3414

02:31:11,590 --> 02:31:08,469

my photographs ended up in court yeah um

3415

02:31:13,590 --> 02:31:11,600

defending uh some of the egyptians

3416

02:31:16,070 --> 02:31:13,600

now okay so but let's back up

3417

02:31:18,070 --> 02:31:16,080

how do you get

3418

02:31:18,870 --> 02:31:18,080

a 75

3419

02:31:20,710 --> 02:31:18,880

ton

3420

02:31:23,590 --> 02:31:20,720

granite block

3421

02:31:25,270 --> 02:31:23,600

across the Nile river

3422

02:31:27,830 --> 02:31:25,280

they didn't have a boat big enough it

3423

02:31:30,950 --> 02:31:27,840

would sink anything how do you get it

3424

02:31:36,309 --> 02:31:34,230

not 500 miles north i think the classic

3425

02:31:37,590 --> 02:31:36,319

explanation is that you had these huge

3426

02:31:40,550 --> 02:31:37,600

barges

3427

02:31:43,830 --> 02:31:40,560

uh where are very good explanations

3428

02:31:46,550 --> 02:31:43,840

it's not just that granite blocks um for

3429

02:31:50,630 --> 02:31:46,560

the relieving chambers but the obelisks

3430

02:31:52,630 --> 02:31:50,640

i mean the obelisks are even larger

3431

02:31:59,510 --> 02:31:52,640

uh how do you move those things around

3432

02:32:04,710 --> 02:32:02,790

you're the yale university phd not me

3433

02:32:07,910 --> 02:32:04,720

i'm asking you

3434

02:32:10,469 --> 02:32:07,920

how did they get those across

3435

02:32:13,110 --> 02:32:10,479

when you go to better colleges and

3436

02:32:15,030 --> 02:32:13,120

universities you sometimes actually

3437

02:32:16,790 --> 02:32:15,040

learn that you don't know everything

3438

02:32:18,790 --> 02:32:16,800

because we don't know everything and you

3439

02:32:20,389 --> 02:32:18,800

have to admit that

3440

02:32:22,630 --> 02:32:20,399

in some cases

3441

02:32:25,270 --> 02:32:22,640

we don't know we don't know i mean this

3442

02:32:27,910 --> 02:32:25,280

seriously i mean this really seriously i

3443

02:32:31,190 --> 02:32:27,920

often will try to get the

3444

02:32:33,270 --> 02:32:31,200

um lesson across to my students that if

3445

02:32:35,910 --> 02:32:33,280

someone always thinks they have the

3446

02:32:37,590 --> 02:32:35,920

right answer and they just tell you very

3447

02:32:39,590 --> 02:32:37,600

quickly all this is how they did in

3448

02:32:41,429 --> 02:32:39,600

ancient times so this is how they did

3449

02:32:43,990 --> 02:32:41,439

they probably don't know what they're

3450

02:32:46,389 --> 02:32:44,000

really talking about because in most

3451
02:32:48,469 --> 02:32:46,399
cases are not most cases necessarily but

3452
02:32:50,710 --> 02:32:48,479
in many cases depending on the subject

3453
02:32:52,710 --> 02:32:50,720
we don't actually know

3454
02:32:55,830 --> 02:32:52,720
i mean i i just can't picture when you

3455
02:32:57,429 --> 02:32:55,840
look if somebody can go right now

3456
02:32:58,469 --> 02:32:57,439
and google

3457
02:33:12,870 --> 02:32:58,479
a

3458
02:33:14,389 --> 02:33:12,880
it would sink

3459
02:33:17,750 --> 02:33:14,399
exactly

3460
02:33:20,550 --> 02:33:17,760
and you're not talking 175 ton block

3461
02:33:22,630 --> 02:33:20,560
you're talking numerous blocks that you

3462
02:33:24,950 --> 02:33:22,640
would have to move and as i said you

3463
02:33:28,870 --> 02:33:24,960

know you've got obelisks that

3464

02:33:31,270 --> 02:33:28,880

are um uh you know ten times the size 75

3465

02:33:34,630 --> 02:33:31,280

tons that they moved

3466

02:33:36,710 --> 02:33:34,640

not only moving them down the Nile but

3467

02:33:38,790 --> 02:33:36,720

that's the easy part

3468

02:33:39,990 --> 02:33:38,800

the harder part is to take them out of

3469

02:33:40,950 --> 02:33:40,000

the quarry

3470

02:33:43,110 --> 02:33:40,960

how do

3471

02:33:45,830 --> 02:33:43,120

somebody just explain to me like i'm

3472

02:33:46,950 --> 02:33:45,840

four years old just tell me how they got

3473

02:33:49,429 --> 02:33:46,960

this done

3474

02:33:52,469 --> 02:33:49,439

without the wheel right

3475

02:33:54,870 --> 02:33:52,479

they they didn't have wood all the wood

3476

02:33:56,469 --> 02:33:54,880

that would have to have come from like

3477

02:33:59,110 --> 02:33:56,479

lebanon right

3478

02:34:00,870 --> 02:33:59,120

yeah yeah yeah no i mean they had a

3479

02:34:03,110 --> 02:34:00,880

certain amount of wood but not the

3480

02:34:05,990 --> 02:34:03,120

amount that you would expect for doing

3481

02:34:08,389 --> 02:34:06,000

such things no no and and yeah and there

3482

02:34:10,469 --> 02:34:08,399

is no then seriously there

3483

02:34:12,469 --> 02:34:10,479

because i don't want to

3484

02:34:13,590 --> 02:34:12,479

be misrepresent

3485

02:34:15,990 --> 02:34:13,600

uh there

3486

02:34:18,790 --> 02:34:16,000

the suggestion is that yes they had wood

3487

02:34:22,070 --> 02:34:18,800

and they would reuse that same wood over

3488

02:34:24,630 --> 02:34:22,080

and over again so in some cases you find

3489

02:34:27,750 --> 02:34:24,640

uh fragments of wood and certain

3490

02:34:30,710 --> 02:34:27,760

contacts and the wood is much older than

3491

02:34:32,870 --> 02:34:30,720

the context seems to indicate in some

3492

02:34:34,950 --> 02:34:32,880

cases it may be because they were quote

3493

02:34:37,670 --> 02:34:34,960

using the wood for so long you know

3494

02:34:39,190 --> 02:34:37,680

using i was going to say using quote

3495

02:34:41,349 --> 02:34:39,200

ancient wood

3496

02:34:43,590 --> 02:34:41,359

but that gets very controversial too how

3497

02:34:46,309 --> 02:34:43,600

long can you use a piece of wood how

3498

02:34:47,910 --> 02:34:46,319

long will it stand up to uh

3499

02:34:53,830 --> 02:34:47,920

you know

3500

02:34:56,469 --> 02:34:53,840

heavy weights etc it's all a real it's a

3501

02:34:58,309 --> 02:34:56,479

real issue i did i did some basic math i

3502

02:34:59,190 --> 02:34:58,319

don't have a calculator in front of me

3503

02:35:02,230 --> 02:34:59,200

but

3504

02:35:04,790 --> 02:35:02,240

um so you've got you know 450 500 miles

3505

02:35:06,469 --> 02:35:04,800

from oswan through the desert up to giza

3506

02:35:09,110 --> 02:35:06,479

now let's say

3507

02:35:11,830 --> 02:35:09,120

they built a rope bridge or they had

3508

02:35:15,110 --> 02:35:11,840

barges and somehow they got this stuff

3509

02:35:16,630 --> 02:35:15,120

across over into the sahara but now

3510

02:35:18,790 --> 02:35:16,640

you've got it and they're saying that

3511

02:35:20,790 --> 02:35:18,800

they you know they had sleds and they

3512

02:35:22,710 --> 02:35:20,800

dragged it through the desert okay

3513

02:35:24,630 --> 02:35:22,720

seventy five ton

3514

02:35:26,790 --> 02:35:24,640

but wait wait you don't need to drag

3515

02:35:28,309 --> 02:35:26,800

very far through the desert because both

3516

02:35:30,950 --> 02:35:28,319

sites are

3517

02:35:33,510 --> 02:35:30,960

you know relatively close to the Nile

3518

02:35:36,070 --> 02:35:33,520

but it's still a problem but yeah okay

3519

02:35:38,150 --> 02:35:36,080

but what I am suggesting here is that

3520

02:35:39,270 --> 02:35:38,160

some Egyptologists

3521

02:35:42,469 --> 02:35:39,280

um

3522

02:35:46,630 --> 02:35:42,479

say that they put the 75 the relieving

3523

02:35:48,469 --> 02:35:46,640

stones on sledges and then dragged them

3524

02:35:51,590 --> 02:35:48,479

up to Giza

3525

02:35:54,469 --> 02:35:51,600

now if you know I tried dragging a

3526

02:35:56,950 --> 02:35:54,479

sledge through the and over the stone

3527

02:35:59,110 --> 02:35:56,960

etc and then they have little pictures

3528

02:36:02,710 --> 02:35:59,120

where they were pouring more milk or oil

3529

02:36:05,990 --> 02:36:02,720

under the sludge to lubricate it i mean

3530

02:36:09,830 --> 02:36:06,000

it gets a little bizarre well so i i did

3531

02:36:11,110 --> 02:36:09,840

some math and if you move to 75 ton

3532

02:36:13,429 --> 02:36:11,120

stone

3533

02:36:20,389 --> 02:36:13,439

a foot an hour

3534

02:36:23,660 --> 02:36:20,399

75 times you're going fast you're going

3535

02:36:25,670 --> 02:36:23,670

fast it's like 420 years

3536

02:36:28,309 --> 02:36:25,680

[Laughter]

3537

02:36:31,429 --> 02:36:28,319

they lived a long time

3538

02:36:33,190 --> 02:36:31,439

they were very patient uh cleopatra was

3539

02:36:34,230 --> 02:36:33,200

watching them place those relieving

3540

02:36:37,429 --> 02:36:34,240

stones

3541

02:36:38,550 --> 02:36:37,439

so yeah i mean it's it's it's

3542

02:36:46,389 --> 02:36:38,560

i

3543

02:36:48,870 --> 02:36:46,399

the way

3544

02:36:50,870 --> 02:36:48,880

yeah she's up she's right here okay

3545

02:36:52,790 --> 02:36:50,880

bring katie in

3546

02:36:54,870 --> 02:36:52,800

bring katie yeah i want to say hi to

3547

02:36:57,590 --> 02:36:54,880

katie before we say goodbye [h__\h] yeah

3548

02:37:01,190 --> 02:36:59,270

i'll get her to come over come over

3549

02:37:04,230 --> 02:37:01,200

katie katie

3550

02:37:05,670 --> 02:37:04,240

katie get over here

3551
02:37:07,190 --> 02:37:05,680
here i'm going to put her on the phone

3552
02:37:12,070 --> 02:37:07,200
i'm going to put her on the phone this

3553
02:37:15,270 --> 02:37:14,389
wait wait just say hello

3554
02:37:22,070 --> 02:37:15,280
hi

3555
02:37:24,389 --> 02:37:22,080
oh that's so cool just a little bit of a

3556
02:37:26,790 --> 02:37:24,399
time lag i've got one ear on robert and

3557
02:37:27,910 --> 02:37:26,800
one year on you and my brain is short

3558
02:37:29,830 --> 02:37:27,920
circuiting

3559
02:37:31,030 --> 02:37:29,840
how you doing baby sister is everything

3560
02:37:32,870 --> 02:37:31,040
good

3561
02:37:35,910 --> 02:37:32,880
oh everything is great you guys are

3562
02:37:38,469 --> 02:37:35,920
having a wonderful conversation

3563
02:37:40,070 --> 02:37:38,479

i just miss you and i i don't know when

3564

02:37:42,389 --> 02:37:40,080

we're going to be able to hang out again

3565

02:37:44,870 --> 02:37:42,399

but we've got to do it soon and i just

3566

02:37:48,389 --> 02:37:44,880

wanted to say hello okay

3567

02:37:50,790 --> 02:37:48,399

oh thank you thank you a warm hello back

3568

02:37:53,030 --> 02:37:50,800

thank you so much katie now go behave

3569

02:37:54,630 --> 02:37:53,040

thank you okay here i'll put robert back

3570

02:37:58,150 --> 02:37:54,640

on right on

3571

02:38:01,510 --> 02:37:58,160

now you talk okay she does yeah and but

3572

02:38:02,710 --> 02:38:01,520

okay but this this goes a step further

3573

02:38:05,190 --> 02:38:02,720

for me

3574

02:38:09,030 --> 02:38:05,200

i've done the math

3575

02:38:11,910 --> 02:38:09,040

coffrey and kufu depending on where you

3576

02:38:13,190 --> 02:38:11,920

go and the dates

3577

02:38:16,309 --> 02:38:13,200

vary

3578

02:38:20,070 --> 02:38:16,319

but there are some

3579

02:38:21,830 --> 02:38:20,080

sites academic sites um and i'm not

3580

02:38:23,270 --> 02:38:21,840

going to say wikipedia i'm saying

3581

02:38:24,870 --> 02:38:23,280

outside of that

3582

02:38:28,389 --> 02:38:24,880

that date

3583

02:38:31,309 --> 02:38:28,399

khufu and kafree as being constructed

3584

02:38:33,349 --> 02:38:31,319

at the same time

3585

02:38:35,910 --> 02:38:33,359

2650 right

3586

02:38:38,950 --> 02:38:35,920

2600 now how

3587

02:38:41,750 --> 02:38:38,960

when when egyptologists want us to

3588

02:38:45,750 --> 02:38:41,760

believe that the great pyramid was built

3589

02:38:49,590 --> 02:38:45,760

in 20 years by 20 000 workers with two

3590

02:38:52,870 --> 02:38:49,600

and a half million cut stones right

3591

02:38:56,070 --> 02:38:52,880

that what they don't want to tell you

3592

02:38:57,750 --> 02:38:56,080

is that the two were built at the same

3593

02:39:01,030 --> 02:38:57,760

time and it wasn't two and a half

3594

02:39:03,830 --> 02:39:01,040

million stones it was five million it

3595

02:39:06,870 --> 02:39:03,840

wasn't twenty thousand workers it was

3596

02:39:10,230 --> 02:39:06,880

forty thousand and the other part is the

3597

02:39:12,309 --> 02:39:10,240

population of egypt during that period

3598

02:39:15,349 --> 02:39:12,319

wherever you want to go and look was

3599

02:39:18,230 --> 02:39:15,359

somewhere between 500 000 and 700 000

3600

02:39:20,550 --> 02:39:18,240

people in the entire country which would

3601

02:39:22,230 --> 02:39:20,560

mean that every

3602

02:39:23,190 --> 02:39:22,240

abled-bodied

3603

02:39:24,630 --> 02:39:23,200

male

3604

02:39:26,790 --> 02:39:24,640

in the country

3605

02:39:28,150 --> 02:39:26,800

was building those pyramids who was

3606

02:39:30,469 --> 02:39:28,160

defending

3607

02:39:32,790 --> 02:39:30,479

were quite well organized they were

3608

02:39:35,510 --> 02:39:32,800

quite dedicated weren't they he doesn't

3609

02:39:38,070 --> 02:39:35,520

just all what lockstep

3610

02:39:40,230 --> 02:39:38,080

oh pharaoh says this we'll do this

3611

02:39:42,870 --> 02:39:40,240

pharaoh says that we'll do that now i'm

3612

02:39:46,230 --> 02:39:42,880

joking of course yeah i know but i get

3613

02:39:47,349 --> 02:39:46,240

it right the numbers don't support the

3614

02:39:49,510 --> 02:39:47,359

dogma

3615

02:39:52,550 --> 02:39:49,520

no they really don't and that's why i

3616

02:39:54,150 --> 02:39:52,560

think and now being serious so many of

3617

02:39:56,950 --> 02:39:54,160

these structures

3618

02:39:59,590 --> 02:39:56,960

they go back to earlier period or parts

3619

02:40:00,469 --> 02:39:59,600

of them go back to earlier period they

3620

02:40:01,429 --> 02:40:00,479

were

3621

02:40:02,670 --> 02:40:01,439

multi

3622

02:40:04,070 --> 02:40:02,680

not even

3623

02:40:06,630 --> 02:40:04,080

multi-generational but

3624

02:40:09,670 --> 02:40:06,640

multi-civilization

3625

02:40:11,030 --> 02:40:09,680

what i mean by that is that they were

3626

02:40:14,469 --> 02:40:11,040

inheriting

3627

02:40:15,990 --> 02:40:14,479

i'm convinced more and more that

3628

02:40:18,710 --> 02:40:16,000

so many of these structures were

3629

02:40:21,429 --> 02:40:18,720

inherited from an earlier period in some

3630

02:40:24,950 --> 02:40:21,439

form they were being rebuilt they were

3631

02:40:27,750 --> 02:40:24,960

being reused so again i i gave you the

3632

02:40:31,429 --> 02:40:27,760

example of the kavra pyramid where i

3633

02:40:32,870 --> 02:40:31,439

feel very confident that the dynastic

3634

02:40:35,190 --> 02:40:32,880

egyptians

3635

02:40:38,710 --> 02:40:35,200

the second pyramid the coffer pyramid

3636

02:40:41,510 --> 02:40:38,720

they had some structure there that they

3637

02:40:43,510 --> 02:40:41,520

were refurbishing rebuilding however

3638

02:40:46,630 --> 02:40:43,520

you'd like to describe it but they

3639

02:40:50,150 --> 02:40:46,640
weren't starting from scratch

3640

02:40:51,030 --> 02:40:50,160
how do we how do we fight the system on

3641

02:40:53,429 --> 02:40:51,040
this

3642

02:40:55,750 --> 02:40:53,439
i know that you have been you know and

3643

02:40:58,389 --> 02:40:55,760
and we don't have john anthony west to

3644

02:41:01,269 --> 02:40:58,399
uh and i miss him so much

3645

02:41:04,150 --> 02:41:01,279
but but how how can i say sometimes he

3646

02:41:07,190 --> 02:41:04,160
gave me more trouble than no not not me

3647

02:41:10,550 --> 02:41:07,200
personally but oh he liked to attack um

3648

02:41:12,710 --> 02:41:10,560
uh conventional academia uh which didn't

3649

02:41:14,550 --> 02:41:12,720
always go over well should we say with

3650

02:41:16,950 --> 02:41:14,560
academia but

3651

02:41:18,630 --> 02:41:16,960

how do we fight the system i mean it

3652

02:41:21,349 --> 02:41:18,640

well i think it's i think it's really a

3653

02:41:24,070 --> 02:41:21,359

matter of what i was saying earlier

3654

02:41:26,389 --> 02:41:24,080

this evening um my approach at least is

3655

02:41:28,790 --> 02:41:26,399

to really just keep developing the

3656

02:41:29,990 --> 02:41:28,800

evidence the hardcore evidence

3657

02:41:32,870 --> 02:41:30,000

that

3658

02:41:35,269 --> 02:41:32,880

uh eventually becomes so overwhelming

3659

02:41:37,910 --> 02:41:35,279

that they can not ignore so i think

3660

02:41:40,469 --> 02:41:37,920

that's number one i use i'll use quebec

3661

02:41:43,830 --> 02:41:40,479

lee tepe's example and the sphinx's

3662

02:41:45,269 --> 02:41:43,840

example when i first started this with

3663

02:41:50,309 --> 02:41:45,279

the sphinx

3664

02:41:55,670 --> 02:41:52,630

no one wanted to hear about dome went to

3665

02:41:57,830 --> 02:41:55,680

listen to it and academia

3666

02:42:00,070 --> 02:41:57,840

but uh and they thought it would just go

3667

02:42:01,910 --> 02:42:00,080

away they thought it was you know

3668

02:42:04,150 --> 02:42:01,920

they'd get rid of me

3669

02:42:07,110 --> 02:42:04,160

uh as i told that story about you know i

3670

02:42:09,510 --> 02:42:07,120

should go look at rocks somewhere else

3671

02:42:12,150 --> 02:42:09,520

the egyptologist would tell me that but

3672

02:42:14,309 --> 02:42:12,160

you have to be persistent you have to

3673

02:42:16,950 --> 02:42:14,319

keep developing the evidence and one of

3674

02:42:19,830 --> 02:42:16,960

the points of the new addition forgotten

3675

02:42:20,950 --> 02:42:19,840

civilization is that so much more

3676

02:42:28,309 --> 02:42:20,960

evidence

3677

02:42:31,030 --> 02:42:28,319

out since i first began working on this

3678

02:42:34,790 --> 02:42:31,040

so much more evidence has come out just

3679

02:42:35,830 --> 02:42:34,800

in the last 10 years supporting the big

3680

02:42:38,469 --> 02:42:35,840

picture

3681

02:42:41,349 --> 02:42:38,479

of ancient civilization

3682

02:42:44,389 --> 02:42:41,359

going back to a much much

3683

02:42:46,150 --> 02:42:44,399

earlier period and being much more

3684

02:42:49,110 --> 02:42:46,160

sophisticated

3685

02:42:52,389 --> 02:42:49,120

it has to be that way and i would i

3686

02:42:56,910 --> 02:42:52,399

would suspect as we say good night here

3687

02:43:00,150 --> 02:42:56,920

that the the up-and-coming

3688

02:43:01,510 --> 02:43:00,160

egyptologists uh they are exposed to

3689

02:43:03,670 --> 02:43:01,520

this knowledge

3690

02:43:05,750 --> 02:43:03,680

the knowledge now you know because

3691

02:43:07,590 --> 02:43:05,760

before it was controlled you can control

3692

02:43:09,190 --> 02:43:07,600

it but now it's a different it's a

3693

02:43:12,790 --> 02:43:09,200

different world

3694

02:43:15,510 --> 02:43:12,800

expose it um

3695

02:43:17,830 --> 02:43:15,520

expose the knowledge

3696

02:43:19,429 --> 02:43:17,840

i'm joking here expose the information

3697

02:43:23,030 --> 02:43:19,439

i'm just choking not choking over the

3698

02:43:25,910 --> 02:43:23,040

knowledge um expose the information more

3699

02:43:28,070 --> 02:43:25,920

readily uh there's more outlets to get

3700

02:43:30,150 --> 02:43:28,080

this information out but you also have

3701
02:43:32,790 --> 02:43:30,160
to be careful because there's also more

3702
02:43:35,670 --> 02:43:32,800
outlets for misinformation

3703
02:43:37,910 --> 02:43:35,680
um i just katie actually just reminded

3704
02:43:39,670 --> 02:43:37,920
me about something else when you get to

3705
02:43:43,030 --> 02:43:39,680
when you're in egypt and you're on the

3706
02:43:44,070 --> 02:43:43,040
giza plateau do not miss the mortuary

3707
02:43:46,950 --> 02:43:44,080
temple

3708
02:43:49,349 --> 02:43:46,960
of the um

3709
02:43:50,710 --> 02:43:49,359
oh it's actually very important it's on

3710
02:43:52,950 --> 02:43:50,720
the um

3711
02:43:55,670 --> 02:43:52,960
uh it's just

3712
02:43:57,990 --> 02:43:55,680
above the sphinx between the sphinx and

3713
02:44:01,030 --> 02:43:58,000

the second pyramid so the mortuary

3714

02:44:02,830 --> 02:44:01,040

temple you will see it is built out of

3715

02:44:05,830 --> 02:44:02,840

gargantuan

3716

02:44:07,910 --> 02:44:05,840

limestone blocks not unlike the valley

3717

02:44:10,790 --> 02:44:07,920

and sphinx temples but this is an

3718

02:44:13,510 --> 02:44:10,800

example of one of the structures that we

3719

02:44:17,190 --> 02:44:13,520

are convinced goes back to a much

3720

02:44:19,990 --> 02:44:17,200

earlier period and was then adopted by

3721

02:44:22,790 --> 02:44:20,000

the dynastic Egyptians and they rebuilt

3722

02:44:24,950 --> 02:44:22,800

parts of it reused it again

3723

02:44:27,990 --> 02:44:24,960

and it's this type of evidence that we

3724

02:44:30,870 --> 02:44:28,000

have to keep building up to the point

3725

02:44:33,750 --> 02:44:30,880

where the evidence is so overwhelming

3726

02:44:35,830 --> 02:44:33,760

that the conventional status quo

3727

02:44:37,830 --> 02:44:35,840

archaeologists and egyptologists they

3728

02:44:40,870 --> 02:44:37,840

just cannot ignore it they've been

3729

02:44:43,349 --> 02:44:40,880

trying to ignore gobekli tepe

3730

02:44:45,429 --> 02:44:43,359

um and not talk about it or

3731

02:44:47,429 --> 02:44:45,439

downplayed and say well it was only

3732

02:44:49,269 --> 02:44:47,439

built by hunter gatherers but we talked

3733

02:44:51,670 --> 02:44:49,279

about that before how was this just

3734

02:44:53,030 --> 02:44:51,680

simple hunter gatherers it doesn't make

3735

02:44:55,510 --> 02:44:53,040

sense

3736

02:44:57,190 --> 02:44:55,520

robert thank you so much

3737

02:44:59,429 --> 02:44:57,200

oh i wasn't mentioning can i mention one

3738

02:45:02,070 --> 02:44:59,439

other thing you can say whatever you

3739

02:45:05,110 --> 02:45:02,080

want okay we were talking about how you

3740

02:45:09,349 --> 02:45:05,120

convince a new generation katie actually

3741

02:45:12,389 --> 02:45:09,359

has uh begun a series uh for children

3742

02:45:15,750 --> 02:45:12,399

well it's called adriana's ancient

3743

02:45:17,190 --> 02:45:15,760

mysteries what um where's this where can

3744

02:45:19,910 --> 02:45:17,200

i find it

3745

02:45:21,670 --> 02:45:19,920

well this is the thing um in the first

3746

02:45:23,910 --> 02:45:21,680

book is the great sphinx it's a

3747

02:45:26,870 --> 02:45:23,920

children's book introduce uh children

3748

02:45:30,389 --> 02:45:26,880

series introducing ancient mysteries uh

3749

02:45:33,830 --> 02:45:30,399

it's just recent it's been published in

3750

02:45:36,230 --> 02:45:33,840

german translation so far we've got

3751

02:45:38,389 --> 02:45:36,240

other serious uh you know people looking

3752

02:45:40,630 --> 02:45:38,399

at seriously we're looking for

3753

02:45:45,510 --> 02:45:40,640

appropriate english um

3754

02:45:47,830 --> 02:45:45,520

publisher for it uh but um yeah uh uh a

3755

02:45:49,510 --> 02:45:47,840

series of uh children's book of

3756

02:45:52,230 --> 02:45:49,520

children's books about the ancient

3757

02:45:54,630 --> 02:45:52,240

mysteries coming from our perspective so

3758

02:45:56,710 --> 02:45:54,640

i think that's another way you start to

3759

02:45:58,550 --> 02:45:56,720

influence a new generation get them

3760

02:46:02,389 --> 02:45:58,560

thinking about this early

3761

02:46:03,429 --> 02:46:02,399

now uh what's the title of it again

3762

02:46:06,150 --> 02:46:03,439

um

3763

02:46:12,309 --> 02:46:08,870

adriana's ancient mysteries

3764

02:46:17,269 --> 02:46:12,319

and the first book is the great sphinx

3765

02:46:19,269 --> 02:46:17,279

and i'm looking at it right here are you

3766

02:46:20,870 --> 02:46:19,279

yeah we don't have an english publisher

3767

02:46:23,590 --> 02:46:20,880

yet but you're looking at where are you

3768

02:46:25,269 --> 02:46:23,600

looking at it i'm looking at it on uh on

3769

02:46:29,910 --> 02:46:25,279

google

3770

02:46:34,070 --> 02:46:29,920

yeah if you go to our website

3771

02:46:35,990 --> 02:46:34,080

if you go to our website um www robert

3772

02:46:37,190 --> 02:46:36,000

shock dot com

3773

02:46:38,710 --> 02:46:37,200

r o b

3774

02:46:42,070 --> 02:46:38,720

e r t

3775

02:46:45,750 --> 02:46:42,080

s c h o c h dot com

3776

02:46:53,910 --> 02:46:45,760

and then you will see a link to it

3777

02:46:58,469 --> 02:46:56,790

oh man i love live radio

3778

02:47:01,750 --> 02:46:58,479

i love live radio

3779

02:47:05,349 --> 02:47:01,760

i'm i am there right now and there it is

3780

02:47:06,469 --> 02:47:05,359

our children's series and you can see

3781

02:47:10,790 --> 02:47:06,479

you

3782

02:47:13,750 --> 02:47:10,800

see the cover to the book yeah this is

3783

02:47:15,830 --> 02:47:13,760

what i saw on google it's in german yes

3784

02:47:17,269 --> 02:47:15,840

yes it's in german it's been published

3785

02:47:20,070 --> 02:47:17,279

in germany

3786

02:47:22,389 --> 02:47:20,080

and german translation we have other

3787

02:47:25,030 --> 02:47:22,399

publishers around the world looking at

3788

02:47:26,790 --> 02:47:25,040

it um you know it's a it's a publishing

3789

02:47:29,510 --> 02:47:26,800

business it's difficult

3790

02:47:30,870 --> 02:47:29,520

um but uh the german publisher took it

3791

02:47:35,030 --> 02:47:30,880

right away

3792

02:47:38,230 --> 02:47:35,040

uh but it you know it's part of um

3793

02:47:40,309 --> 02:47:38,240

getting the new message out and

3794

02:47:43,830 --> 02:47:40,319

this is great

3795

02:47:46,389 --> 02:47:43,840

english uh publisher so

3796

02:47:50,070 --> 02:47:46,399

uh i love the illustrations this is

3797

02:47:52,150 --> 02:47:50,080

another way to um really uh i would say

3798

02:47:54,950 --> 02:47:52,160

influence the next generation and this

3799

02:47:57,429 --> 02:47:54,960

is interesting because

3800

02:47:59,990 --> 02:47:57,439

there are different types of

3801
02:48:02,389 --> 02:48:00,000
different ways to approach things and

3802
02:48:04,870 --> 02:48:02,399
the way i would describe this is this

3803
02:48:07,269 --> 02:48:04,880
will be a series of books once we really

3804
02:48:10,309 --> 02:48:07,279
get launched for

3805
02:48:13,429 --> 02:48:10,319
not just children but for adults and

3806
02:48:14,870 --> 02:48:13,439
children so adults can have resources to

3807
02:48:17,670 --> 02:48:14,880
share with their

3808
02:48:21,110 --> 02:48:17,680
younger children to introduce them to

3809
02:48:23,269 --> 02:48:21,120
these new things and uh this

3810
02:48:26,710 --> 02:48:23,279
to use my own story

3811
02:48:29,910 --> 02:48:26,720
if you don't mind i am was maybe

3812
02:48:32,870 --> 02:48:29,920
susceptible should we say to

3813
02:48:34,630 --> 02:48:32,880

thinking a bit outside the box because

3814

02:48:38,389 --> 02:48:34,640

when i was very young i had a

3815

02:48:40,870 --> 02:48:38,399

grandmother who's now long deceased

3816

02:48:42,510 --> 02:48:40,880

and she

3817

02:48:44,870 --> 02:48:42,520

she talked to me about ancient

3818

02:48:46,870 --> 02:48:44,880

civilizations and we would read and

3819

02:48:49,429 --> 02:48:46,880

discuss things and she was much more

3820

02:48:51,830 --> 02:48:49,439

open-minded should we say than most

3821

02:48:53,990 --> 02:48:51,840

academics are nowadays

3822

02:48:57,190 --> 02:48:54,000

considering the possibilities that maybe

3823

02:48:59,110 --> 02:48:57,200

civilization went back to earlier period

3824

02:49:00,630 --> 02:48:59,120

so it's something i was introduced to

3825

02:49:03,590 --> 02:49:00,640

the concept

3826

02:49:07,190 --> 02:49:03,600

at a young age and i do think that was

3827

02:49:09,670 --> 02:49:07,200

uh beneficial for me to be

3828

02:49:12,230 --> 02:49:09,680

open-minded enough to look at real

3829

02:49:13,190 --> 02:49:12,240

evidence rather than simply shutting

3830

02:49:15,750 --> 02:49:13,200

down

3831

02:49:17,670 --> 02:49:15,760

these illustrations are really really

3832

02:49:19,750 --> 02:49:17,680

good lisa perkins yeah aren't they

3833

02:49:20,950 --> 02:49:19,760

beautiful those were done by lisa

3834

02:49:23,750 --> 02:49:20,960

perkins

3835

02:49:26,870 --> 02:49:23,760

who is a friend of ours who is uh as you

3836

02:49:27,990 --> 02:49:26,880

can see a very good artist and teaches

3837

02:49:29,990 --> 02:49:28,000

art

3838

02:49:33,110 --> 02:49:30,000

uh in california

3839

02:49:33,990 --> 02:49:33,120

so yeah i think we have a incredible

3840

02:49:36,469 --> 02:49:34,000

book

3841

02:49:39,429 --> 02:49:36,479

and we just have to find the

3842

02:49:41,910 --> 02:49:39,439

correct publisher for it in english as

3843

02:49:45,590 --> 02:49:41,920

well as we'd like to get it um in other

3844

02:49:46,550 --> 02:49:45,600

languages as well uh and as i said we've

3845

02:49:48,790 --> 02:49:46,560

got

3846

02:49:50,870 --> 02:49:48,800

people reading it

3847

02:49:52,790 --> 02:49:50,880

in various you know various publishing

3848

02:49:54,469 --> 02:49:52,800

houses around the world

3849

02:49:56,309 --> 02:49:54,479

um to see where

3850

02:49:58,790 --> 02:49:56,319

we can get placed yeah this is really

3851

02:50:04,309 --> 02:49:58,800

cool the little girl standing uh in

3852

02:50:09,910 --> 02:50:06,830

yes yes that is just awesome the great

3853

02:50:13,750 --> 02:50:09,920

sphinx the pyramids yeah this is this is

3854

02:50:16,630 --> 02:50:13,760

really good any of your listeners um uh

3855

02:50:19,269 --> 02:50:16,640

read german speak read german um it's

3856

02:50:22,790 --> 02:50:19,279

out in german already we'd love for

3857

02:50:24,870 --> 02:50:22,800

people to start uh circulating it

3858

02:50:26,309 --> 02:50:24,880

and as i said we're we're looking into

3859

02:50:28,550 --> 02:50:26,319

publishers for

3860

02:50:30,550 --> 02:50:28,560

english and other languages

3861

02:50:32,389 --> 02:50:30,560

but again i think it ties in with what

3862

02:50:35,590 --> 02:50:32,399

we were talking about how do we get this

3863

02:50:38,150 --> 02:50:35,600

information out how do we change

3864

02:50:41,030 --> 02:50:38,160

the way people think about it and i put

3865

02:50:43,830 --> 02:50:41,040

a lot of faith in the younger generation

3866

02:50:46,630 --> 02:50:43,840

yeah i do too this is uh this is a great

3867

02:50:48,870 --> 02:50:46,640

idea and the illustrations are just

3868

02:50:51,830 --> 02:50:48,880

i mean really really cool it

3869

02:50:54,150 --> 02:50:51,840

that's not it's not just for kids i mean

3870

02:50:56,070 --> 02:50:54,160

this is really cool it really isn't the

3871

02:50:58,230 --> 02:50:56,080

way i view it and i don't want to speak

3872

02:51:02,469 --> 02:50:58,240

for katie here but the way i view it

3873

02:51:04,389 --> 02:51:02,479

it's really a book for adults to share

3874

02:51:07,510 --> 02:51:04,399

with children more or less

3875

02:51:11,030 --> 02:51:07,520

children and adults sitting reading it

3876
02:51:14,150 --> 02:51:11,040
together discussing it discussing these

3877
02:51:17,030 --> 02:51:14,160
really neat topics because we have found

3878
02:51:21,110 --> 02:51:17,040
that children and when i've

3879
02:51:24,150 --> 02:51:21,120
taken um groups to egypt and to ireland

3880
02:51:27,030 --> 02:51:24,160
and to other places to turkey in some

3881
02:51:28,950 --> 02:51:27,040
cases children literally children have

3882
02:51:32,150 --> 02:51:28,960
come with their parents

3883
02:51:35,670 --> 02:51:32,160
um and i will tell you that you know a

3884
02:51:38,550 --> 02:51:35,680
12 year old or whatever or 10 year old

3885
02:51:41,910 --> 02:51:38,560
they really get into this and they are

3886
02:51:44,710 --> 02:51:41,920
really fascinated um and ask really

3887
02:51:46,710 --> 02:51:44,720
great really great questions they have

3888
02:51:47,910 --> 02:51:46,720

great questions they're thinking about

3889

02:51:49,750 --> 02:51:47,920

it so

3890

02:51:50,950 --> 02:51:49,760

i love that when you have the young

3891

02:51:53,670 --> 02:51:50,960

children

3892

02:51:56,870 --> 02:51:53,680

really sparked intellectually

3893

02:52:00,870 --> 02:51:58,150

what they're seeing

3894

02:52:01,990 --> 02:52:00,880

and they'd love it well i i i can only

3895

02:52:03,990 --> 02:52:02,000

relate to

3896

02:52:06,230 --> 02:52:04,000

i think we all went through this at a

3897

02:52:07,349 --> 02:52:06,240

young age i mean the first time that i

3898

02:52:10,790 --> 02:52:07,359

saw

3899

02:52:12,870 --> 02:52:10,800

uh you know king tut's gold sarcophagu

3900

02:52:15,750 --> 02:52:12,880

and you look at that and there's

3901

02:52:17,830 --> 02:52:15,760

something in our dna

3902

02:52:20,389 --> 02:52:17,840

there's something that connects us with

3903

02:52:23,190 --> 02:52:20,399

that immediately where we identify first

3904

02:52:25,590 --> 02:52:23,200

off it's amazing artwork right it's

3905

02:52:28,710 --> 02:52:25,600

there's an artisan that created probably

3906

02:52:30,550 --> 02:52:28,720

the most perfect gold sculpture in the

3907

02:52:32,309 --> 02:52:30,560

history of everything but there's

3908

02:52:34,790 --> 02:52:32,319

something that you connect with and i've

3909

02:52:37,349 --> 02:52:34,800

always connected with egypt

3910

02:52:39,429 --> 02:52:37,359

and i'd i don't know what it is i can't

3911

02:52:42,309 --> 02:52:39,439

wait to get there in march but i think

3912

02:52:44,150 --> 02:52:42,319

all of us feel this connection and and i

3913

02:52:45,830 --> 02:52:44,160

think it's there i think it's it's part

3914

02:52:47,510 --> 02:52:45,840

of our dna

3915

02:52:49,349 --> 02:52:47,520

yeah it's like a primordial connection

3916

02:52:51,349 --> 02:52:49,359

it's funny you say that because i can

3917

02:52:53,670 --> 02:52:51,359

remember one of the things i could

3918

02:52:57,269 --> 02:52:53,680

remember i think i was about four years

3919

02:53:00,309 --> 02:52:57,279

old i grew up i was born in dc and grew

3920

02:53:02,710 --> 02:53:00,319

up in washington dc area

3921

02:53:05,750 --> 02:53:02,720

and i remember that

3922

02:53:07,750 --> 02:53:05,760

a traveling exhibition

3923

02:53:11,269 --> 02:53:07,760

of material from

3924

02:53:13,670 --> 02:53:11,279

tutankhamun king tuts tomb

3925

02:53:16,230 --> 02:53:13,680

came through it went i must have been at

3926

02:53:17,910 --> 02:53:16,240

the national gallery of art i suspect i

3927

02:53:20,870 --> 02:53:17,920

just don't remember off the top my head

3928

02:53:22,870 --> 02:53:20,880

now um but i remember i think i was

3929

02:53:24,550 --> 02:53:22,880

maybe around four years old so that's

3930

02:53:27,590 --> 02:53:24,560

pretty young

3931

02:53:31,190 --> 02:53:27,600

and i remember being fascinated by

3932

02:53:33,030 --> 02:53:31,200

seeing this exhibition of um tutankhamun

3933

02:53:35,269 --> 02:53:33,040

that had come now they did not include

3934

02:53:38,150 --> 02:53:35,279

the gold mask because you know that was

3935

02:53:39,990 --> 02:53:38,160

probably too valuable etc but i remember

3936

02:53:43,190 --> 02:53:40,000

very specifically for instance this

3937

02:53:45,830 --> 02:53:43,200

beautiful embroidered glove

3938

02:53:47,990 --> 02:53:45,840

from tutankhamen and you know other

3939

02:53:50,630 --> 02:53:48,000

things it's it's like you say it's

3940

02:53:53,030 --> 02:53:50,640

primordial maybe yeah and it was also

3941

02:53:54,870 --> 02:53:53,040

boris karloff he had a lot to do with it

3942

02:53:57,750 --> 02:53:54,880

too as well

3943

02:54:00,790 --> 02:53:57,760

lawrence karloff um thank you so much

3944

02:54:02,950 --> 02:54:00,800

for uh staying up and staying late and

3945

02:54:03,910 --> 02:54:02,960

and say goodnight to katie for me too as

3946

02:54:04,830 --> 02:54:03,920

well

3947

02:54:08,550 --> 02:54:04,840

and

3948

02:54:10,870 --> 02:54:08,560

before uh i i do say good night what is

3949

02:54:12,790 --> 02:54:10,880

next though what is it that you're

3950

02:54:13,590 --> 02:54:12,800

working on

3951

02:54:15,269 --> 02:54:13,600

well

3952

02:54:17,830 --> 02:54:15,279

right now we want to get out of this

3953

02:54:20,150 --> 02:54:17,840

pandemic of course and i mentioned that

3954

02:54:22,790 --> 02:54:20,160

when you say what is next uh we're

3955

02:54:25,190 --> 02:54:22,800

working on the children series katie's

3956

02:54:27,510 --> 02:54:25,200

working on that i am working on another

3957

02:54:29,269 --> 02:54:27,520

book a follow-up book but i'm not going

3958

02:54:31,830 --> 02:54:29,279

to give you more information about that

3959

02:54:34,469 --> 02:54:31,840

right now because i'm working on and i

3960

02:54:36,150 --> 02:54:34,479

tend to like to keep quiet till it's a

3961

02:54:38,630 --> 02:54:36,160

certain stage

3962

02:54:40,469 --> 02:54:38,640

something else that we're working on and

3963

02:54:43,110 --> 02:54:40,479

i think we've talked about this before

3964

02:54:43,910 --> 02:54:43,120

but really got put on hold

3965

02:54:46,070 --> 02:54:43,920

is

3966

02:54:49,750 --> 02:54:46,080

that

3967

02:54:52,389 --> 02:54:49,760

we have a project going with oracle the

3968

02:54:55,110 --> 02:54:52,399

organization for the research of ancient

3969

02:54:58,710 --> 02:54:55,120

cultures which is a not-for-profit and

3970

02:55:01,469 --> 02:54:58,720

we are working on a documentary

3971

02:55:03,349 --> 02:55:01,479

you know professional

3972

02:55:06,950 --> 02:55:03,359

documentary

3973

02:55:09,590 --> 02:55:06,960

called civilization before civilization

3974

02:55:12,389 --> 02:55:09,600

and we were working on filming that

3975

02:55:15,349 --> 02:55:12,399

before the pandemic broke out in fact we

3976

02:55:18,469 --> 02:55:15,359

had just gotten back from turkey doing

3977

02:55:23,269 --> 02:55:18,479

some filming we were in new york city

3978

02:55:24,950 --> 02:55:23,279

this is uh january late january 2020 and

3979

02:55:29,030 --> 02:55:24,960

of course it was just

3980

02:55:31,269 --> 02:55:29,040

after that that the pandemic really

3981

02:55:34,710 --> 02:55:31,279

started breaking and we've just had to

3982

02:55:36,630 --> 02:55:34,720

put everything on hold uh since then

3983

02:55:38,550 --> 02:55:36,640

but it is interesting i want to mention

3984

02:55:41,349 --> 02:55:38,560

you you know the uh mystery of the

3985

02:55:42,870 --> 02:55:41,359

sphinx the mystery of the sphinx the nbc

3986

02:55:45,670 --> 02:55:42,880

documentary

3987

02:55:49,830 --> 02:55:45,680

uh which uh john anthony west and i were

3988

02:55:53,670 --> 02:55:49,840

in that was directed by bill cody

3989

02:55:54,630 --> 02:55:53,680

um who has remained a close friend ever

3990

02:55:58,070 --> 02:55:54,640

since

3991

02:56:01,429 --> 02:55:58,080

and he is um involved with this project

3992

02:56:03,990 --> 02:56:01,439

so we reassembled some of the team from

3993

02:56:06,469 --> 02:56:04,000

mystery of the sphinx to do civilization

3994

02:56:08,309 --> 02:56:06,479

before civilization so we're very

3995

02:56:09,190 --> 02:56:08,319

excited about that

3996

02:56:11,030 --> 02:56:09,200

but

3997

02:56:14,070 --> 02:56:11,040

things have been on hold because of the

3998

02:56:15,590 --> 02:56:14,080

pandemic and also to be really blunt um

3999

02:56:18,150 --> 02:56:15,600

you know money's been difficult

4000

02:56:18,950 --> 02:56:18,160

especially with the pandemic and people

4001
02:56:19,750 --> 02:56:18,960
have

4002
02:56:22,070 --> 02:56:19,760
been

4003
02:56:24,550 --> 02:56:22,080
having a hard time and i understand that

4004
02:56:27,910 --> 02:56:24,560
and we're dependent on donations as a

4005
02:56:30,230 --> 02:56:27,920
not-for-profit for this documentary

4006
02:56:35,510 --> 02:56:33,349
where we're pushing forward with it uh

4007
02:56:38,070 --> 02:56:35,520
uh once we uh

4008
02:56:40,469 --> 02:56:38,080
can get going again post pandemic or

4009
02:56:42,389 --> 02:56:40,479
when things get more settled we will

4010
02:56:44,950 --> 02:56:42,399
we're absolutely committed to it we'll

4011
02:56:48,309 --> 02:56:44,960
be posting more updates about that

4012
02:56:50,950 --> 02:56:48,319
yeah over at robertssock.com

4013
02:56:52,389 --> 02:56:50,960

there is an oracle section there you can

4014

02:56:53,510 --> 02:56:52,399

click on that and you can also go

4015

02:56:56,630 --> 02:56:53,520

straight to

4016

02:56:58,110 --> 02:56:56,640

uh the oracle uh website too as well

4017

02:56:59,670 --> 02:56:58,120

which is

4018

02:57:02,230 --> 02:56:59,680

oracleonline.org

4019

02:57:03,590 --> 02:57:02,240

and the projects page is there too as

4020

02:57:05,429 --> 02:57:03,600

well so

4021

02:57:07,670 --> 02:57:05,439

thank you so much robert and we have a

4022

02:57:09,910 --> 02:57:07,680

little trailer for it if you want to get

4023

02:57:12,150 --> 02:57:09,920

a little sense of it yeah yeah the

4024

02:57:15,030 --> 02:57:12,160

trailers here and i was it's

4025

02:57:17,269 --> 02:57:15,040

civilization before civilization

4026

02:57:19,429 --> 02:57:17,279

and uh there's urfam right there in the

4027

02:57:20,150 --> 02:57:19,439

trailer and everybody go and check it

4028

02:57:22,469 --> 02:57:20,160

out

4029

02:57:25,110 --> 02:57:22,479

thank you so much robert and uh we've

4030

02:57:26,870 --> 02:57:25,120

got to get together as soon as possible

4031

02:57:29,510 --> 02:57:26,880

thank you so much oh absolutely

4032

02:57:31,510 --> 02:57:29,520

absolutely um it's been a pleasure it's

4033

02:57:33,750 --> 02:57:31,520

always wonderful speaking with you

4034

02:57:35,590 --> 02:57:33,760

you're the best robert and say goodnight

4035

02:57:38,790 --> 02:57:35,600

to katie for me

4036

02:57:41,830 --> 02:57:38,800

i will thank you robert shock everybody

4037

02:57:42,870 --> 02:57:41,840

it's very simple it's robert shock.com

4038

02:57:44,790 --> 02:57:42,880

and the links are over at

4039

02:57:46,150 --> 02:57:44,800

jimmychurchradio.com

4040

02:57:48,710 --> 02:57:46,160

and go ahead and click through the

4041

02:57:50,389 --> 02:57:48,720

children's book is there too as well but

4042

02:57:52,550 --> 02:57:50,399

so is oracle

4043

02:57:55,269 --> 02:57:52,560

and the current project which is the

4044

02:57:58,230 --> 02:57:55,279

documentary civilization before

4045

02:58:01,429 --> 02:57:58,240

civilization and so with that i want to

4046

02:58:03,030 --> 02:58:01,439

remind everybody uh what is going on

4047

02:58:06,389 --> 02:58:03,040

tomorrow night

4048

02:58:08,950 --> 02:58:06,399

if you have bought tickets for

4049

02:58:11,590 --> 02:58:08,960

making contact then that means you've

4050

02:58:13,429 --> 02:58:11,600

probably gone and got your avatar built

4051

02:58:15,590 --> 02:58:13,439

up and you're ready to go

4052

02:58:18,670 --> 02:58:15,600

if you haven't done that yet i want

4053

02:58:21,190 --> 02:58:18,680

everybody to go over to

4054

02:58:24,230 --> 02:58:21,200

makingcontact.com the promo code is

4055

02:58:26,550 --> 02:58:24,240

jimmy save 100 that'll get you a hundred

4056

02:58:29,830 --> 02:58:26,560

dollars off of the ticket price ticket

4057

02:58:32,469 --> 02:58:29,840

price 249 it's a five day event but that

4058

02:58:34,469 --> 02:58:32,479

means you'll get it for 149

4059

02:58:36,070 --> 02:58:34,479

i want you to do that now

4060

02:58:39,110 --> 02:58:36,080

so you can get your

4061

02:58:42,230 --> 02:58:39,120

avatar built because tomorrow night

4062

02:58:44,469 --> 02:58:42,240

we're going to broadcast from the island

4063

02:58:46,710 --> 02:58:44,479

fade to black fader night and you'll be

4064

02:58:48,389 --> 02:58:46,720

able to just come and hang out with me

4065

02:58:51,190 --> 02:58:48,399

in the auditorium it's the paul hell

4066

02:58:53,990 --> 02:58:51,200

your auditorium there on the making

4067

02:58:55,590 --> 02:58:54,000

contact campus it's all right there okay

4068

02:58:58,630 --> 02:58:55,600

so i've got the links up i want

4069

02:59:00,150 --> 02:58:58,640

everybody to go do it makingcontact.com

4070

02:59:01,670 --> 02:59:00,160

because we're gonna broadcast fade to

4071

02:59:03,429 --> 02:59:01,680

black uh tomorrow night from the

4072

02:59:05,349 --> 02:59:03,439

auditorium and it's really cool i want

4073

02:59:08,309 --> 02:59:05,359

everybody to go and see

4074

02:59:10,950 --> 02:59:08,319

what is going on this is an amazing

4075

02:59:12,550 --> 02:59:10,960

project with that i am going to get out

4076

02:59:14,630 --> 02:59:12,560

of here i want to thank robert shock

4077

02:59:17,269 --> 02:59:14,640

what another great night and

4078

02:59:19,990 --> 02:59:17,279

conversation with him it's all simple to

4079

02:59:21,389 --> 02:59:20,000

do it's robert shock.com the links are

4080

02:59:23,030 --> 02:59:21,399

over at

4081

02:59:25,110 --> 02:59:23,040

jimmychurchradio.com

4082

02:59:27,429 --> 02:59:25,120

you've got to get yourself your copy of

4083

02:59:29,269 --> 02:59:27,439

forgotten civilization the new revised

4084

02:59:31,269 --> 02:59:29,279

and expanded edition

4085

02:59:32,550 --> 02:59:31,279

new new images

4086

02:59:36,070 --> 02:59:32,560

and of course

4087

02:59:37,830 --> 02:59:36,080

katie is a part of this too as well

4088

02:59:39,670 --> 02:59:37,840

all right

4089

02:59:40,710 --> 02:59:39,680

what a great night i'll see everybody

4090

02:59:42,550 --> 02:59:40,720

tomorrow

4091

02:59:44,469 --> 02:59:42,560

fade to black is produced by hilton j

4092

02:59:47,110 --> 02:59:44,479

palmer renee dennis and kevin announcers

4093

02:59:49,429 --> 02:59:47,120

are steve harter genevato marty kovar

4094

02:59:51,990 --> 02:59:49,439

webmaster is drew the geek

4095

02:59:55,030 --> 02:59:52,000

music doug aldrige intro spaceboy

4096

02:59:59,030 --> 02:59:57,110

faded black is produced by kjcr for the

4097

03:00:01,110 --> 02:59:59,040

game changer network and syndication is

4098

03:00:02,630 --> 03:00:01,120

kgra

4099

03:00:05,269 --> 03:00:02,640

the planet

4100

03:00:06,630 --> 03:00:05,279

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4101

03:00:09,110 --> 03:00:06,640

fade to black in the game changer

4102

03:00:10,469 --> 03:00:09,120

network inc it cannot be re-broadcast

4103

03:00:12,389 --> 03:00:10,479

download downloaded copied or used

4104

03:00:13,990 --> 03:00:12,399

anywhere in the known universe without

4105

03:00:15,349 --> 03:00:14,000

written permission from fade to black or

4106

03:00:17,750 --> 03:00:15,359

the game changer network i'm your host

4107

03:00:20,710 --> 03:00:17,760

jimmy church i'll see everybody right

4108

03:00:23,670 --> 03:00:20,720

here tomorrow night for fader night

4109

03:00:37,900 --> 03:00:23,680

until then i want everybody to be safe