



# SHAMANGINEER

EARTH ALCHEMY, PLANT SPIRITS, & ENGINEERED ABUNDANCE

PRESENTED BY THE HIGHERSIDE CHATS

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1  
00:00:11,180 --> 00:00:08,120  
and the planets awesome masters almost

2  
00:00:13,850 --> 00:00:11,190  
surely have a plan that's clearly maybe

3  
00:00:17,300 --> 00:00:13,860  
something there beyond the realm of man

4  
00:00:20,630 --> 00:00:17,310  
and if you already tested every mouthful

5  
00:00:23,870 --> 00:00:20,640  
just you find the more you think you

6  
00:00:30,220 --> 00:00:23,880  
know that you really do that's true dr.

7  
00:00:35,910 --> 00:00:30,230  
Zaius uh where would we know

8  
00:00:43,489 --> 00:00:37,740  
without me

9  
00:00:49,079 --> 00:00:46,950  
all right higher side chatters you might

10  
00:00:51,869 --> 00:00:49,089  
remember not long ago we had a chat with

11  
00:00:54,000 --> 00:00:51,879  
chemin jr. a plus number who contacted

12  
00:00:56,369 --> 00:00:54,010  
me about several scientific loose ends

13  
00:00:57,569 --> 00:00:56,379

with previous PhD guests that he felt he

14

00:01:00,389 --> 00:00:57,579

could tie together with a deep

15

00:01:02,549 --> 00:01:00,399

explanation of ether theory we talked a

16

00:01:04,829 --> 00:01:02,559

lot about alchemy the expanding Hollow

17

00:01:06,840 --> 00:01:04,839

Earth the electric universe the Sonora

18

00:01:08,910 --> 00:01:06,850

Aero Club and a whole lot more in a

19

00:01:11,190 --> 00:01:08,920

higher side episode a lot of people seem

20

00:01:13,200 --> 00:01:11,200

to thoroughly enjoy but we also left a

21

00:01:14,669 --> 00:01:13,210

lot on the table in that conversation so

22

00:01:17,190 --> 00:01:14,679

I figured it was time to bring them back

23

00:01:19,620 --> 00:01:17,200

in fact we've decided to do a little

24

00:01:21,840 --> 00:01:19,630

elemental series of chats and since our

25

00:01:24,270 --> 00:01:21,850

last one was largely about Ormus space

26

00:01:25,949 --> 00:01:24,280

and airships we'll refer to it as the

27

00:01:28,169 --> 00:01:25,959

air episode and today we're going to

28

00:01:30,240 --> 00:01:28,179

discuss ether in relationship to earth

29

00:01:32,249 --> 00:01:30,250

by getting deep into the state of sh'mon

30

00:01:34,020 --> 00:01:32,259

Genet abundance and the advanced

31

00:01:36,240 --> 00:01:34,030

permaculture practices that the Native

32

00:01:38,279 --> 00:01:36,250

Americans had cultivated because labels

33

00:01:40,260 --> 00:01:38,289

like hunter-gatherers just don't do them

34

00:01:42,330 --> 00:01:40,270

justice but we're also going to talk

35

00:01:44,279 --> 00:01:42,340

about healing plants the role of the

36

00:01:45,600 --> 00:01:44,289

Great Spirit there animist outlook and

37

00:01:48,089 --> 00:01:45,610

the fact that you don't need a huge

38

00:01:50,130 --> 00:01:48,099

over-the-top HAARP antenna array when

39

00:01:51,990 --> 00:01:50,140

you got your rain dance down there's a

40

00:01:54,150 --> 00:01:52,000

lot left unknown about America before

41

00:01:56,160 --> 00:01:54,160

the colonialists arrived and a lot that

42

00:01:59,040 --> 00:01:56,170

can help us today if we stop to realize

43

00:02:00,389 --> 00:01:59,050

the Western Way isn't the only way a man

44

00:02:02,070 --> 00:02:00,399

who's worked for over a decade in

45

00:02:04,169 --> 00:02:02,080

high-level industries such as robotics

46

00:02:06,600 --> 00:02:04,179

chemical systems and alternative energy

47

00:02:08,490 --> 00:02:06,610

and has been researching weird related

48

00:02:10,080 --> 00:02:08,500

threads even longer in our second

49

00:02:12,210 --> 00:02:10,090

conversation as we work through the

50

00:02:14,280 --> 00:02:12,220

powers of the Captain Planet team my

51  
00:02:19,399 --> 00:02:14,290  
friend and yours Shimon janilla welcome

52  
00:02:26,009 --> 00:02:19,409  
back to DHD Captain Planet Center hero

53  
00:02:27,509 --> 00:02:26,019  
digging deep on that reference yeah so

54  
00:02:29,309 --> 00:02:27,519  
I'm pumped man I think this is going to

55  
00:02:31,170 --> 00:02:29,319  
be awesome you bring up some interesting

56  
00:02:32,640 --> 00:02:31,180  
ideas I don't hear about nearly enough

57  
00:02:34,199 --> 00:02:32,650  
from the big names an alternative

58  
00:02:36,360 --> 00:02:34,209  
research and you're so great about

59  
00:02:37,949 --> 00:02:36,370  
actually having sources that strengthen

60  
00:02:40,530 --> 00:02:37,959  
the various cases you come here to make

61  
00:02:43,020 --> 00:02:40,540  
so I am all about it and I suppose the

62  
00:02:45,030 --> 00:02:43,030  
best entry point here is the state that

63  
00:02:46,710 --> 00:02:45,040

the Europeans found America and when

64

00:02:48,690 --> 00:02:46,720

they got here it's quite different than

65

00:02:51,090 --> 00:02:48,700

some one might expect but I'm also

66

00:02:52,890 --> 00:02:51,100

curious how this became of interest to

67

00:02:54,420 --> 00:02:52,900

you when so many people just take it for

68

00:02:56,140 --> 00:02:54,430

granted the things were largely the same

69

00:02:58,119 --> 00:02:56,150

without the buildings

70

00:03:00,160 --> 00:02:58,129

so maybe tell us how the subject got on

71

00:03:04,420 --> 00:03:00,170

your radar and how we should start to

72

00:03:07,030 --> 00:03:04,430

reframe pre colonialist America well

73

00:03:10,179 --> 00:03:07,040

growing up I was always kind of drawn to

74

00:03:12,220 --> 00:03:10,189

Native American outlook and I was I mean

75

00:03:14,860 --> 00:03:12,230

this is kind of a silly thing but you

76  
00:03:17,199 --> 00:03:14,870  
know as far as a YMCA Indian guides the

77  
00:03:19,720 --> 00:03:17,209  
kids all right so I kind of got

78  
00:03:22,449 --> 00:03:19,730  
introduced a little bit to like Native

79  
00:03:24,309 --> 00:03:22,459  
American culture there and I actually

80  
00:03:26,589 --> 00:03:24,319  
met a few Native Americans through it

81  
00:03:28,899 --> 00:03:26,599  
but you know making best at a vinyl

82  
00:03:32,110 --> 00:03:28,909  
isn't quite the same painting and stuff

83  
00:03:34,569 --> 00:03:32,120  
like that this is deliberate actually

84  
00:03:39,220 --> 00:03:34,579  
there's kind of a good analogy to what

85  
00:03:42,039 --> 00:03:39,230  
our you know our land practices in terms

86  
00:03:46,599 --> 00:03:42,049  
of conservation and preservation are on

87  
00:03:50,530 --> 00:03:46,609  
the the national parks because it's kind

88  
00:03:52,599 --> 00:03:50,540

of an imitation to some degree like for

89

00:03:55,059 --> 00:03:52,609

so long things were so suppressed that

90

00:03:58,440 --> 00:03:55,069

as practices are kind of being

91

00:04:00,699 --> 00:03:58,450

introduced it isn't really the full-on

92

00:04:03,069 --> 00:04:00,709

cultivation of the landscape they used

93

00:04:06,849 --> 00:04:03,079

to be when the Native Americans were

94

00:04:09,849 --> 00:04:06,859

doing is so the way that the parks are

95

00:04:11,379 --> 00:04:09,859

managed it hasn't produced the same

96

00:04:13,809 --> 00:04:11,389

landscape that was here when the

97

00:04:16,360 --> 00:04:13,819

Europeans arrived this actually is a

98

00:04:18,580 --> 00:04:16,370

very different landscape it's choked

99

00:04:20,379 --> 00:04:18,590

with underbrush that's all dead and

100

00:04:24,159 --> 00:04:20,389

things like that there's there's a lot

101  
00:04:27,460 --> 00:04:24,169  
of nutrients and energy that bound up in

102  
00:04:30,969 --> 00:04:27,470  
that material right so if that has been

103  
00:04:33,339 --> 00:04:30,979  
released periodically through burning it

104  
00:04:36,490 --> 00:04:33,349  
would have resulted in much more verdant

105  
00:04:38,920 --> 00:04:36,500  
landscape I've heard people talk about

106  
00:04:41,770 --> 00:04:38,930  
that is exactly why California has these

107  
00:04:44,140 --> 00:04:41,780  
huge wildfire problems is because there

108  
00:04:46,659 --> 00:04:44,150  
is a process there that we typically

109  
00:04:49,180 --> 00:04:46,669  
kind of nerf and then it just when it

110  
00:04:53,469 --> 00:04:49,190  
actually does flare up it's like having

111  
00:04:56,379 --> 00:04:53,479  
it on steroids that is basically I mean

112  
00:05:00,490 --> 00:04:56,389  
the thing is that the way the wildfire

113  
00:05:04,060 --> 00:05:00,500

system is managed today is you know

114

00:05:05,890 --> 00:05:04,070

suppression primarily there's there's a

115

00:05:08,050 --> 00:05:05,900

few controlled burns here and there but

116

00:05:09,519 --> 00:05:08,060

it isn't it isn't mainly controlled

117

00:05:11,979 --> 00:05:09,529

burns it's May

118

00:05:14,409 --> 00:05:11,989

depression and when you do that you end

119

00:05:17,529 --> 00:05:14,419

up locking up a lot of nutrients in the

120

00:05:20,259 --> 00:05:17,539

landscape so I mean even without all the

121

00:05:22,449 --> 00:05:20,269

other things that we've done to damage

122

00:05:25,629 --> 00:05:22,459

our landscape and damage our wildlife

123

00:05:27,969 --> 00:05:25,639

just the fact that we we haven't allowed

124

00:05:31,389 --> 00:05:27,979

it to be in its most abundant

125

00:05:33,699 --> 00:05:31,399

configuration means that there's a lot

126

00:05:35,529 --> 00:05:33,709

of life that just can't reach above a

127

00:05:37,539 --> 00:05:35,539

certain threshold and we're seeing a lot

128

00:05:40,869 --> 00:05:37,549

of a lot of different forms of whitening

129

00:05:42,069 --> 00:05:40,879

choked out because of it hmm yeah I mean

130

00:05:44,049 --> 00:05:42,079

yeah that's really interesting because

131

00:05:46,059 --> 00:05:44,059

I've kind of thought of the national

132

00:05:48,849 --> 00:05:46,069

parks is almost like more of a History

133

00:05:51,309 --> 00:05:48,859

Museum like oh this is how it looked are

134

00:05:54,779 --> 00:05:51,319

our best glimpse at how it looked before

135

00:05:57,279 --> 00:05:54,789

the Western civilization took over but I

136

00:05:59,859 --> 00:05:57,289

guess give us a little more about the

137

00:06:01,659 --> 00:05:59,869

actual conditions when the Colonials did

138

00:06:04,959 --> 00:06:01,669

arrive what were the Native Americans

139

00:06:07,479 --> 00:06:04,969

doing to actually engineer abundance and

140

00:06:09,399 --> 00:06:07,489

how different did it really look well

141

00:06:11,949 --> 00:06:09,409

you might want to edit around this a bit

142

00:06:15,909 --> 00:06:11,959

because I'm going to read a few a few

143

00:06:18,069 --> 00:06:15,919

passages absolutely okay early European

144

00:06:20,169 --> 00:06:18,079

explorers and settlers were universally

145

00:06:21,879 --> 00:06:20,179

impressed not just by California's

146

00:06:22,929 --> 00:06:21,889

diversity but also the sheer abundance

147

00:06:26,049 --> 00:06:22,939

of its wildlife

148

00:06:28,929 --> 00:06:26,059

John Francisco de galoop Comte de bois a

149

00:06:31,419 --> 00:06:28,939

French Seafarer described California in

150

00:06:35,769 --> 00:06:31,429

1786 as the land of inexpressible

151

00:06:39,279 --> 00:06:35,779

fertility and expressible fertility

152

00:06:41,889 --> 00:06:39,289

that's a great term I got to say here

153

00:06:43,719 --> 00:06:41,899

I'll go with another example so Thomas

154

00:06:46,389 --> 00:06:43,729

Jefferson may feel the white man who

155

00:06:49,809 --> 00:06:46,399

came to live with the Chui nuit yoga in

156

00:06:51,999 --> 00:06:49,819

the San Joaquin Valley in 1850 when just

157

00:06:54,729 --> 00:06:52,009

a boy vividly described as overflowing

158

00:06:56,829 --> 00:06:54,739

abundance of wildlife thousands of

159

00:06:58,479 --> 00:06:56,839

band-tailed pigeons came in place that

160

00:07:01,149 --> 00:06:58,489

would sometimes shut out the Sun like a

161

00:07:02,769 --> 00:07:01,159

cloud they filed into the nearest trees

162

00:07:06,699 --> 00:07:02,779

where there was not a single place for

163

00:07:09,969 --> 00:07:06,709

another pigeon to fit so I mean we don't

164

00:07:12,129 --> 00:07:09,979

see anything like that today no no the

165

00:07:14,189 --> 00:07:12,139

rivers and the streams I mean they just

166

00:07:17,049 --> 00:07:14,199

aren't as abundant as they used to be

167

00:07:20,889 --> 00:07:17,059

all sorts of natural sources of water

168

00:07:22,419 --> 00:07:20,899

Springs have dried up and you know a lot

169

00:07:23,480 --> 00:07:22,429

of that has to do with the way that we

170

00:07:26,330 --> 00:07:23,490

manage the landscape

171

00:07:28,219 --> 00:07:26,340

just overall shutting out you know the

172

00:07:31,640 --> 00:07:28,229

land from being able to absorb water

173

00:07:34,129 --> 00:07:31,650

with our concrete and asphalt everywhere

174

00:07:37,700 --> 00:07:34,139

and right things like that you know I

175

00:07:39,950 --> 00:07:37,710

mean what we call water management is

176

00:07:42,890 --> 00:07:39,960

really just just basically turning it

177

00:07:45,650 --> 00:07:42,900

into f1 you know and then just dumping

178

00:07:49,159 --> 00:07:45,660

that out to sea and I mean even when we

179

00:07:51,860 --> 00:07:49,169

do recover things from it and we do

180

00:07:54,050 --> 00:07:51,870

treat it in terms of its energetic the

181

00:07:56,960 --> 00:07:54,060

waters lost a lot right

182

00:07:59,990 --> 00:07:56,970

it may be chemically fit for consumption

183

00:08:01,580 --> 00:08:00,000

but in terms of the water structure and

184

00:08:03,800 --> 00:08:01,590

things like that it's not that's not the

185

00:08:05,990 --> 00:08:03,810

same thing as it was mm-hmm

186

00:08:08,420 --> 00:08:06,000

and even the fit for consumption thing

187

00:08:10,629 --> 00:08:08,430

is debatable because of fluoride and

188

00:08:13,040 --> 00:08:10,639

pharmaceuticals and rusty pipes and

189

00:08:14,990 --> 00:08:13,050

fracking but I know you're saying about

190

00:08:16,629 --> 00:08:15,000

the energetic properties of water I'm

191

00:08:19,339 --> 00:08:16,639

sure we'll talk about that in a future

192

00:08:20,930 --> 00:08:19,349

water focused episode but you've sent me

193

00:08:23,719 --> 00:08:20,940

several videos of people who've

194

00:08:25,730 --> 00:08:23,729

understood these properties and built

195

00:08:28,370 --> 00:08:25,740

devices to maximize the energetic

196

00:08:30,950 --> 00:08:28,380

properties of water with vortexes and

197

00:08:33,529 --> 00:08:30,960

really cool stuff but I guess the larger

198

00:08:36,740 --> 00:08:33,539

point here is that we think of ourselves

199

00:08:38,899 --> 00:08:36,750

as so modern in advanced but yet when it

200

00:08:40,399 --> 00:08:38,909

comes to understanding resources and how

201  
00:08:43,279 --> 00:08:40,409  
to get the most out of them we're just

202  
00:08:45,350 --> 00:08:43,289  
wildly inefficient we have a beat it

203  
00:08:47,240 --> 00:08:45,360  
into submission kind of approach and it

204  
00:08:50,180 --> 00:08:47,250  
seems that our way is actually less

205  
00:08:52,340 --> 00:08:50,190  
technical and less advanced than when it

206  
00:08:56,030 --> 00:08:52,350  
was all just left to the quote-unquote

207  
00:08:58,910 --> 00:08:56,040  
savages yeah I mean that the work of

208  
00:09:01,370 --> 00:08:58,920  
viktor schauberger shows distinctly that

209  
00:09:05,420 --> 00:09:01,380  
the natural Water Course has has an

210  
00:09:06,949 --> 00:09:05,430  
effect on water quality and I think that

211  
00:09:09,519 --> 00:09:06,959  
a lot of kids water management

212  
00:09:12,530 --> 00:09:09,529  
principles should be integrated into

213  
00:09:14,300 --> 00:09:12,540

forestry management things like that is

214

00:09:18,730 --> 00:09:14,310

being done places like Switzerland

215

00:09:21,530 --> 00:09:18,740

actually so well with some ones on it

216

00:09:23,449 --> 00:09:21,540

but I like that idea that nature is

217

00:09:25,970 --> 00:09:23,459

doing something to the water that when

218

00:09:27,800 --> 00:09:25,980

you Dam it up or reroute it or stock

219

00:09:30,620 --> 00:09:27,810

pilot and silos it just isn't the same

220

00:09:33,550 --> 00:09:30,630

maybe there is something to that but to

221

00:09:35,720 --> 00:09:33,560

get back to just general abundance in

222

00:09:37,310 --> 00:09:35,730

preparation for this I watched some

223

00:09:40,519 --> 00:09:37,320

documentaries on

224

00:09:42,170 --> 00:09:40,529

Western settlers America and it was pre

225

00:09:44,120 --> 00:09:42,180

mind blowing stuff just like you said

226

00:09:46,009 --> 00:09:44,130

there were descriptions of flocks of

227

00:09:48,439 --> 00:09:46,019

birds so big they blocked out the Sun

228

00:09:51,740 --> 00:09:48,449

one report said they could see them

229

00:09:54,650 --> 00:09:51,750

flying at times from Horizon to Horizon

230

00:09:56,569 --> 00:09:54,660

and my favorite line here was that a

231

00:09:59,269 --> 00:09:56,579

squirrel could travel from the east

232

00:10:01,999 --> 00:09:59,279

coast to the Mississippi River without

233

00:10:05,329 --> 00:10:02,009

touching the ground because the trees

234

00:10:08,720 --> 00:10:05,339

were just so plentiful and Wow that I

235

00:10:10,749 --> 00:10:08,730

mean that is a pretty radical thought

236

00:10:13,879 --> 00:10:10,759

when you see the world we have today

237

00:10:17,540 --> 00:10:13,889

yeah here's a really good example with

238

00:10:19,490 --> 00:10:17,550

that salmon ran up the major river

239

00:10:20,870 --> 00:10:19,500

increase from what is now Smith River on

240

00:10:21,230 --> 00:10:20,880

the north of the camel River on the

241

00:10:22,970 --> 00:10:21,240

south

242

00:10:24,309 --> 00:10:22,980

let me against the current to return

243

00:10:26,930 --> 00:10:24,319

near where they were born

244

00:10:28,699 --> 00:10:26,940

31 coasts in Central Valley rivers and

245

00:10:30,470 --> 00:10:28,709

hundreds of lesser creeps carry the

246

00:10:33,319 --> 00:10:30,480

lifeblood of millions upon millions with

247

00:10:35,540 --> 00:10:33,329

salmon right at 6000 miles of spawning

248

00:10:38,870 --> 00:10:35,550

habitat we have nothing close to

249

00:10:41,030 --> 00:10:38,880

excellent Joaquin Miller describes ahead

250

00:10:43,430 --> 00:10:41,040

to Sacramento as a silver sheet because

251  
00:10:45,110 --> 00:10:43,440  
the salmon were so abundant he has seen

252  
00:10:46,879 --> 00:10:45,120  
a stream so filled with salmon that it

253  
00:10:50,000 --> 00:10:46,889  
was impossible to force a horse across

254  
00:10:52,069 --> 00:10:50,010  
the current a white man stays in the in

255  
00:10:53,930 --> 00:10:52,079  
the early 1900s so you could load wagons

256  
00:10:57,050 --> 00:10:53,940  
with salmon that got sold on a mad river

257  
00:10:59,210 --> 00:10:57,060  
a little flows near our kata you could

258  
00:11:04,100 --> 00:10:59,220  
get salmon with pitchforks and fork them

259  
00:11:06,559 --> 00:11:04,110  
onto a bank so I mean just when the

260  
00:11:08,210 --> 00:11:06,569  
Europeans arrived they they were looking

261  
00:11:13,120 --> 00:11:08,220  
at this and they you know they saw it

262  
00:11:15,980 --> 00:11:13,130  
and they actually described these design

263  
00:11:18,980 --> 00:11:15,990

gardeners who had cultivated the

264

00:11:21,379 --> 00:11:18,990

landscape thinking that oh well this was

265

00:11:23,509 --> 00:11:21,389

just placed here by God for our manifest

266

00:11:25,220 --> 00:11:23,519

destiny and all this stuff right it

267

00:11:27,910 --> 00:11:25,230

really does tie into that doesn't it oh

268

00:11:31,670 --> 00:11:27,920

definitely I mean the whole outlook on

269

00:11:33,980 --> 00:11:31,680

what was here was flavored by that

270

00:11:36,259 --> 00:11:33,990

because it was the church rhetoric and

271

00:11:39,439 --> 00:11:36,269

the church propaganda that was I was

272

00:11:41,600 --> 00:11:39,449

really driving people to feel like they

273

00:11:44,809 --> 00:11:41,610

needed submission eyes you know to

274

00:11:46,400 --> 00:11:44,819

basically destroy the cultures right but

275

00:11:49,370 --> 00:11:46,410

when they came here they saw this

276

00:11:50,930 --> 00:11:49,380

abundance and when they looked at what

277

00:11:52,400 --> 00:11:50,940

the people who lived here

278

00:11:54,740 --> 00:11:52,410

we're doing they though they're just

279

00:11:57,200 --> 00:11:54,750

there diggers they just dig in the

280

00:11:59,720 --> 00:11:57,210

ground and root around they don't really

281

00:12:00,980 --> 00:11:59,730

contribute anything they don't have to

282

00:12:02,300 --> 00:12:00,990

contribute any whole business because

283

00:12:06,740 --> 00:12:02,310

they just pluck it

284

00:12:09,230 --> 00:12:06,750

you know there's so many fish they just

285

00:12:11,540 --> 00:12:09,240

pluck them from the river and there's so

286

00:12:14,060 --> 00:12:11,550

many deers they just throw rocket and

287

00:12:16,280 --> 00:12:14,070

how to fall down house it's kind of how

288

00:12:18,770 --> 00:12:16,290

they looked at it there we go they're

289

00:12:20,720 --> 00:12:18,780

all lazy because they've got so much of

290

00:12:23,390 --> 00:12:20,730

God's abundance they don't know what to

291

00:12:24,560 --> 00:12:23,400

do with it so we're going to come here

292

00:12:26,600 --> 00:12:24,570

and we're going to make all this plan

293

00:12:28,910 --> 00:12:26,610

productive that's the way they looked at

294

00:12:31,130 --> 00:12:28,920

it just like capitalism with anything

295

00:12:33,680 --> 00:12:31,140

that doesn't fit its own inputs that it

296

00:12:36,380 --> 00:12:33,690

is something to be exploited of course

297

00:12:39,080 --> 00:12:36,390

and so to focus on say the fish

298

00:12:41,300 --> 00:12:39,090

population how do we know that something

299

00:12:43,550 --> 00:12:41,310

that was engineered instead of just

300

00:12:47,270 --> 00:12:43,560

random or the way just nature taking its

301  
00:12:49,520 --> 00:12:47,280  
course well I mean that just spoke to

302  
00:12:51,080 --> 00:12:49,530  
the health of the water and you know I

303  
00:12:53,720 --> 00:12:51,090  
mean a thing is that there's a whole

304  
00:12:57,500 --> 00:12:53,730  
transpiration cycle that it isn't just

305  
00:13:00,350 --> 00:12:57,510  
dependent on rainfall falls and then you

306  
00:13:02,990 --> 00:13:00,360  
know water trickles down well the water

307  
00:13:05,120 --> 00:13:03,000  
that goes into the ground actually gets

308  
00:13:06,890 --> 00:13:05,130  
pulled up by the roots of the plants so

309  
00:13:10,730 --> 00:13:06,900  
there's a deeper roots to plants like

310  
00:13:13,130 --> 00:13:10,740  
the trees and it helps to raise the

311  
00:13:15,200 --> 00:13:13,140  
water Cape and and it also has to do

312  
00:13:17,390 --> 00:13:15,210  
with temperature the land as well the

313  
00:13:20,090 --> 00:13:17,400

colder it is the more the water table

314

00:13:22,580 --> 00:13:20,100

rise up and be accessible to plants

315

00:13:24,740 --> 00:13:22,590

right on you know that just as the help

316

00:13:27,950 --> 00:13:24,750

of the surrounding landscape helps

317

00:13:32,000 --> 00:13:27,960

increase the water that fell and fed the

318

00:13:34,700 --> 00:13:32,010

rivers and also that the snowpack wasn't

319

00:13:37,670 --> 00:13:34,710

infected to say because the temperatures

320

00:13:39,800 --> 00:13:37,680

are changing now what exactly the

321

00:13:41,630 --> 00:13:39,810

reasons for that is you know there's a

322

00:13:45,140 --> 00:13:41,640

lot of debate there's definitely

323

00:13:47,890 --> 00:13:45,150

contribution from carbon dioxide but the

324

00:13:50,470 --> 00:13:47,900

models that are put forward by the IPCC

325

00:13:54,470 --> 00:13:50,480

don't take into account water vapor

326

00:13:58,040 --> 00:13:54,480

which is the main heat transportation

327

00:14:00,680 --> 00:13:58,050

system of the world since things like

328

00:14:01,580 --> 00:14:00,690

I'd be important yeah how does you know

329

00:14:04,640 --> 00:14:01,590

that

330

00:14:07,460 --> 00:14:04,650

might impact their models yeah might

331

00:14:09,230 --> 00:14:07,470

they also say apparently I mean I can't

332

00:14:11,240 --> 00:14:09,240

verify this but a lot of people are

333

00:14:14,030 --> 00:14:11,250

saying that all the planets are warming

334

00:14:17,420 --> 00:14:14,040

not just the earth so that throws into

335

00:14:20,120 --> 00:14:17,430

question the human component I mean

336

00:14:22,730 --> 00:14:20,130

there is a definite effect from you know

337

00:14:25,970 --> 00:14:22,740

the the difference in wavelengths that

338

00:14:28,190 --> 00:14:25,980

are you know that carbon dioxide and

339

00:14:31,970 --> 00:14:28,200

methane things like that you know allow

340

00:14:35,330 --> 00:14:31,980

out and so there there's this definite

341

00:14:36,950 --> 00:14:35,340

effect yeah but if there's other effects

342

00:14:38,750 --> 00:14:36,960

that aren't being accounted for them on

343

00:14:42,590 --> 00:14:38,760

by the models which of course they

344

00:14:45,260 --> 00:14:42,600

aren't for sure then how correct are

345

00:14:47,420 --> 00:14:45,270

those models feel just incomplete but in

346

00:14:49,940 --> 00:14:47,430

terms of in terms of should we stop

347

00:14:53,240 --> 00:14:49,950

burning fossil fuels absolutely yes yeah

348

00:14:55,700 --> 00:14:53,250

it's this toxic overall it's toxic it's

349

00:14:58,550 --> 00:14:55,710

a bad idea right not a good idea to do

350

00:15:01,460 --> 00:14:58,560

so you know obviously we need to change

351

00:15:04,280 --> 00:15:01,470

their ways and I you know I don't

352

00:15:06,830 --> 00:15:04,290

support what Trump proposes of you know

353

00:15:09,560 --> 00:15:06,840

opening up the oil field everywhere he

354

00:15:11,900 --> 00:15:09,570

can you know I mean just look at the

355

00:15:15,110 --> 00:15:11,910

Standing Rock and then there was an oil

356

00:15:16,850 --> 00:15:15,120

spill near there right where you know

357

00:15:19,460 --> 00:15:16,860

spilled like hundreds of thousands

358

00:15:23,900 --> 00:15:19,470

council oil that's just one of us over

359

00:15:25,790 --> 00:15:23,910

200 and last year's so right that's one

360

00:15:29,030 --> 00:15:25,800

of the things that upsets me about Trump

361

00:15:31,040 --> 00:15:29,040

the most glad the TPP is dead but I am a

362

00:15:33,050 --> 00:15:31,050

little concerned about him going

363

00:15:37,250 --> 00:15:33,060

backwards in energy instead of forwards

364

00:15:41,200 --> 00:15:37,260

oh he just wants to hand the keys over

365

00:15:44,360 --> 00:15:41,210

to them so they all come from Rio be

366

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

right on so to get back to Native

367

00:15:48,890 --> 00:15:46,380

Americans a little bit yeah another

368

00:15:51,410 --> 00:15:48,900

thing that I had seen I hadn't been able

369

00:15:53,810 --> 00:15:51,420

to share with you yet but it was talking

370

00:15:56,510 --> 00:15:53,820

about their hunting practices and it

371

00:15:58,730 --> 00:15:56,520

wasn't just that they were they weren't

372

00:16:00,350 --> 00:15:58,740

just hunting at random they were finding

373

00:16:03,700 --> 00:16:00,360

out what these animals like to eat

374

00:16:06,260 --> 00:16:03,710

planning it in strategic places and then

375

00:16:08,120 --> 00:16:06,270

hunting them in that regard so it wasn't

376

00:16:09,830 --> 00:16:08,130

like they had domesticated animals

377

00:16:12,110 --> 00:16:09,840

quote-unquote but they definitely had a

378

00:16:14,540 --> 00:16:12,120

process of hunting that was way more

379

00:16:15,319 --> 00:16:14,550

skilled and intelligent and included way

380

00:16:18,049 --> 00:16:15,329

more force

381

00:16:20,269 --> 00:16:18,059

right then we're led to believe well

382

00:16:23,720 --> 00:16:20,279

definitely I mean they think of the

383

00:16:26,269 --> 00:16:23,730

landscape they knew how the land wanted

384

00:16:29,619 --> 00:16:26,279

to grow they know what plants should be

385

00:16:32,419 --> 00:16:29,629

in what locations and how they should be

386

00:16:35,179 --> 00:16:32,429

cultivated and nurtured they did a whole

387

00:16:38,269 --> 00:16:35,189

host of techniques to cultivate these

388

00:16:43,400 --> 00:16:38,279

plants they would the primary ones fire

389

00:16:46,879 --> 00:16:43,410

actually fire allows them to keep down

390

00:16:50,600 --> 00:16:46,889

pests to keep down diseases to clear out

391

00:16:53,600 --> 00:16:50,610

old growth to stimulate new growth and

392

00:16:56,119 --> 00:16:53,610

it was easy to do you know you didn't

393

00:16:57,499 --> 00:16:56,129

have to apply it manually by hand

394

00:17:00,379 --> 00:16:57,509

everywhere he went

395

00:17:02,419 --> 00:17:00,389

you just started it and made sure that

396

00:17:02,960 --> 00:17:02,429

you controlled it and you kept it under

397

00:17:05,960 --> 00:17:02,970

control

398

00:17:08,539 --> 00:17:05,970

typically that came about just from the

399

00:17:11,360 --> 00:17:08,549

fact of doing it periodically enough

400

00:17:14,539 --> 00:17:11,370

that didn't get out of control but once

401  
00:17:17,659 --> 00:17:14,549  
the fires were over basically they did

402  
00:17:20,600 --> 00:17:17,669  
it primarily in the fall because that

403  
00:17:23,000 --> 00:17:20,610  
way the soil would have some time to

404  
00:17:25,879 --> 00:17:23,010  
absorb the nutrients in the next bring

405  
00:17:27,919 --> 00:17:25,889  
all the growth would come back and you

406  
00:17:30,799 --> 00:17:27,929  
know a lot of the plants would Windex

407  
00:17:32,750 --> 00:17:30,809  
have actually died it was just been kind

408  
00:17:36,500 --> 00:17:32,760  
of pruned back by the fire and there'd

409  
00:17:38,539 --> 00:17:36,510  
still be a living root bulb or there'd

410  
00:17:40,009 --> 00:17:38,549  
be some portion about the ground that

411  
00:17:44,509 --> 00:17:40,019  
would still be alive and then it would

412  
00:17:48,320 --> 00:17:44,519  
all just grow out and actually the way

413  
00:17:51,519 --> 00:17:48,330

that that this axe is actually very

414

00:17:55,669 --> 00:17:51,529

similar to what I think the action would

415

00:17:59,899 --> 00:17:55,679

put the loss for so Malcolm hmm when it

416

00:18:02,419 --> 00:17:59,909

comes to regeneration and life extension

417

00:18:04,789 --> 00:18:02,429

right because the thing is there's

418

00:18:06,529 --> 00:18:04,799

certain there's these cells that are

419

00:18:09,350 --> 00:18:06,539

down at the nodes of the plants and

420

00:18:12,500 --> 00:18:09,360

they're basically undifferentiated cells

421

00:18:15,110 --> 00:18:12,510

or stem cells and these stem cells that

422

00:18:17,720 --> 00:18:15,120

are down at the base of the plant that's

423

00:18:20,570 --> 00:18:17,730

the place where these new branches come

424

00:18:23,419 --> 00:18:20,580

out and that those new branches are the

425

00:18:27,260 --> 00:18:23,429

ones that the Native Americans and also

426

00:18:29,210 --> 00:18:27,270

the wildlife want because it actually

427

00:18:33,500 --> 00:18:29,220

grows back faster grows back

428

00:18:37,880 --> 00:18:33,510

twelve hundred percent faster than

429

00:18:40,670 --> 00:18:37,890

normal growth and it grows straighter it

430

00:18:43,030 --> 00:18:40,680

doesn't have all these bends in it and

431

00:18:46,370 --> 00:18:43,040

all these branches coming off of it and

432

00:18:47,000 --> 00:18:46,380

it actually resists tests quite as a

433

00:18:49,910 --> 00:18:47,010

corn

434

00:18:52,310 --> 00:18:49,920

it's basically what they use to make all

435

00:18:54,710 --> 00:18:52,320

their baskets make their houses they

436

00:18:56,630 --> 00:18:54,720

would they're using a kind of fire

437

00:18:58,760 --> 00:18:56,640

coppicing which is a very ancient

438

00:19:01,790 --> 00:18:58,770

technique that goes back to the

439

00:19:04,310 --> 00:19:01,800

Neolithic so you know this has been

440

00:19:07,430 --> 00:19:04,320

known about for hundreds of thousands of

441

00:19:10,150 --> 00:19:07,440

years mm-hmm and I find this so

442

00:19:12,380 --> 00:19:10,160

fascinating a lot more than a

443

00:19:14,630 --> 00:19:12,390

conversation about permaculture might

444

00:19:16,070 --> 00:19:14,640

suggest but I like this approach of

445

00:19:18,370 --> 00:19:16,080

getting the best out of each element

446

00:19:21,200 --> 00:19:18,380

using them as tools and a type of

447

00:19:24,320 --> 00:19:21,210

synergistic way and it seems like they

448

00:19:26,330 --> 00:19:24,330

really engineered actual abundance and

449

00:19:29,090 --> 00:19:26,340

wealth not just a pile of green money in

450

00:19:30,470 --> 00:19:29,100

the bank but we are relaying witness

451

00:19:32,900 --> 00:19:30,480

accounts from their day saying that

452

00:19:34,640 --> 00:19:32,910

flocks of birds blocked out the Sun that

453

00:19:36,260 --> 00:19:34,650

you can't even get a horse across the

454

00:19:37,910 --> 00:19:36,270

damn river because there's too many fish

455

00:19:40,790 --> 00:19:37,920

you can pluck them out with a pitchfork

456

00:19:43,640 --> 00:19:40,800

they also got their foliage on lock -

457

00:19:45,530 --> 00:19:43,650

but this is where a critic might say

458

00:19:48,080 --> 00:19:45,540

well you're given these people a lot of

459

00:19:50,180 --> 00:19:48,090

credit but maybe their situation was due

460

00:19:52,640 --> 00:19:50,190

to something like there being a far

461

00:19:54,560 --> 00:19:52,650

lower population at the time that's why

462

00:19:56,240 --> 00:19:54,570

they had so much extra so what would you

463

00:19:59,420 --> 00:19:56,250

say to that well they're just fewer

464

00:20:01,340 --> 00:19:59,430

people here or is that a fallacy well

465

00:20:03,800 --> 00:20:01,350

when you look at the more recent

466

00:20:06,890 --> 00:20:03,810

information I mean a lot of a lot of the

467

00:20:09,410 --> 00:20:06,900

historical data was completely on the

468

00:20:11,870 --> 00:20:09,420

low end right now they're saying between

469

00:20:13,850 --> 00:20:11,880

10 million and hundred million is what

470

00:20:16,790 --> 00:20:13,860

the estimates would be in North America

471

00:20:19,700 --> 00:20:16,800

but I think it's closer to the high end

472

00:20:21,920 --> 00:20:19,710

and maybe even higher the thing is that

473

00:20:23,840 --> 00:20:21,930

there weren't really any accurate

474

00:20:26,660 --> 00:20:23,850

records and then a lot of people who are

475

00:20:29,240 --> 00:20:26,670

developing those models they were basing

476  
00:20:31,340 --> 00:20:29,250  
it off of accounts five people who

477  
00:20:33,710 --> 00:20:31,350  
didn't who weren't really interested in

478  
00:20:39,039 --> 00:20:33,720  
playing up their crimes to decision

479  
00:20:40,930 --> 00:20:39,049  
deprived of course it is so

480  
00:20:42,639 --> 00:20:40,940  
estimates that are on the higher end

481  
00:20:45,460 --> 00:20:42,649  
seems to make more sense when you look

482  
00:20:49,629 --> 00:20:45,470  
at the degree to their impact that they

483  
00:20:52,289 --> 00:20:49,639  
had on Lena on the landscape some of the

484  
00:20:54,669 --> 00:20:52,299  
more historical accounts rather than

485  
00:20:57,009 --> 00:20:54,679  
rather than the modeled accounts that

486  
00:21:00,789 --> 00:20:57,019  
kind of the 19 to 20 countries

487  
00:21:03,489 --> 00:21:00,799  
right on so the Native Americans they

488  
00:21:05,200 --> 00:21:03,499

had these controlled burns they were

489

00:21:08,499 --> 00:21:05,210

seeing things grow back twelve hundred

490

00:21:10,749 --> 00:21:08,509

percent faster what else were the people

491

00:21:13,930 --> 00:21:10,759

doing to actually affect the environment

492

00:21:16,119 --> 00:21:13,940

around them well they would they would

493

00:21:18,279 --> 00:21:16,129

cultivate the plants they would do

494

00:21:20,820 --> 00:21:18,289

pruning as well as you know the fire

495

00:21:24,789 --> 00:21:20,830

there's also do hand pruning like

496

00:21:26,529 --> 00:21:24,799

between fire burnings they would and

497

00:21:30,279 --> 00:21:26,539

that also helped to regenerate the

498

00:21:32,950 --> 00:21:30,289

plants and they were doing a lot of

499

00:21:35,979 --> 00:21:32,960

digging because they were able there's

500

00:21:40,269 --> 00:21:35,989

some plants that have tubers and little

501  
00:21:42,940 --> 00:21:40,279  
corns on them or ribosomes and the more

502  
00:21:47,830 --> 00:21:42,950  
disturbance you give them the more they

503  
00:21:51,039 --> 00:21:47,840  
grow and the more little branches or

504  
00:21:53,320 --> 00:21:51,049  
offshoots of plants or completely

505  
00:21:56,080 --> 00:21:53,330  
separate plants would break off and

506  
00:21:57,639 --> 00:21:56,090  
start growing so by doing this

507  
00:22:00,489 --> 00:21:57,649  
cultivation by giving them this

508  
00:22:03,159 --> 00:22:00,499  
disturbance whether it be disturbance of

509  
00:22:05,799 --> 00:22:03,169  
fire disturbance of pruning the

510  
00:22:08,169 --> 00:22:05,809  
disturbance of digging around the roots

511  
00:22:10,769 --> 00:22:08,179  
a certain way to stimulate more growth

512  
00:22:14,080 --> 00:22:10,779  
there they were constantly working

513  
00:22:17,499 --> 00:22:14,090

towards improving a core activity of the

514

00:22:19,210 --> 00:22:17,509

landscape and they would see you know I

515

00:22:22,659 --> 00:22:19,220

mean landscape changes over time and

516

00:22:25,599 --> 00:22:22,669

they would as things changed as geo

517

00:22:28,419 --> 00:22:25,609

conditions change they would transplant

518

00:22:31,180 --> 00:22:28,429

different plants for different areas as

519

00:22:34,419 --> 00:22:31,190

they saw fit to help stimulate the

520

00:22:37,720 --> 00:22:34,429

health of that area like if they know

521

00:22:39,759 --> 00:22:37,730

that a certain animal needed a plan they

522

00:22:41,109 --> 00:22:39,769

would plant it there to help that animal

523

00:22:44,560 --> 00:22:41,119

and things like that

524

00:22:46,749 --> 00:22:44,570

hmm and they also they did have some big

525

00:22:48,129 --> 00:22:46,759

cities too right I mean oh I know as you

526

00:22:50,710 --> 00:22:48,139

get into Mexico and Central America

527

00:22:52,720 --> 00:22:50,720

you'll find their step pyramids but even

528

00:22:55,060 --> 00:22:52,730

Cahokia in the middle of the Midwest

529

00:22:59,409 --> 00:22:55,070

was apparently a big city so it's not

530

00:23:01,950 --> 00:22:59,419

just all animal skins and TPS right well

531

00:23:05,100 --> 00:23:01,960

I mean that is actually some of the best

532

00:23:08,890 --> 00:23:05,110

estimates of what kind of populations

533

00:23:10,990 --> 00:23:08,900

are coming starting to come out of South

534

00:23:13,780 --> 00:23:11,000

America because the thing is they did

535

00:23:15,340 --> 00:23:13,790

leave behind some structures you know

536

00:23:18,850 --> 00:23:15,350

the thing with a lot of northern

537

00:23:20,140 --> 00:23:18,860

American tribes that they didn't say

538

00:23:22,600 --> 00:23:20,150

buying permanent structures there were

539

00:23:25,810 --> 00:23:22,610

some in the south west and things like

540

00:23:28,390 --> 00:23:25,820

that we did but yeah an essential and

541

00:23:30,669 --> 00:23:28,400

southern American I mean in South

542

00:23:33,250 --> 00:23:30,679

America they're starting to do later

543

00:23:35,950 --> 00:23:33,260

surveys with planes and they're finding

544

00:23:37,630 --> 00:23:35,960

that the buildings that are just

545

00:23:41,440 --> 00:23:37,640

overgrown that they just thought of the

546

00:23:44,620 --> 00:23:41,450

jungle is vast it's huge

547

00:23:47,740 --> 00:23:44,630

it's like if I remember correctly

548

00:23:53,140 --> 00:23:47,750

something like 60% for the landmass of

549

00:23:58,270 --> 00:23:53,150

Brazil is not he grown over cities Sam

550

00:23:59,710 --> 00:23:58,280

it's it's crazy how much there is down

551

00:24:02,440 --> 00:23:59,720

there that hasn't been looked at yet

552

00:24:05,080 --> 00:24:02,450

baby I mean really they're just kind of

553

00:24:08,140 --> 00:24:05,090

like barely scratch the surface by just

554

00:24:10,840 --> 00:24:08,150

doing later so far that just gives them

555

00:24:13,270 --> 00:24:10,850

an indication what's there but actually

556

00:24:15,909 --> 00:24:13,280

I mean there's potentially hundreds of

557

00:24:17,890 --> 00:24:15,919

years with an archaeology there mmm yeah

558

00:24:19,690 --> 00:24:17,900

seems like there's a lot of lost threads

559

00:24:22,780 --> 00:24:19,700

waiting to be rediscovered there for

560

00:24:24,960 --> 00:24:22,790

sure so to maybe move on from their

561

00:24:27,430 --> 00:24:24,970

actions and get more into their

562

00:24:29,260 --> 00:24:27,440

philosophy of being part of the

563

00:24:31,810 --> 00:24:29,270

environment rather than mastering it or

564

00:24:33,820 --> 00:24:31,820

conquering it obviously quite different

565

00:24:36,039 --> 00:24:33,830

than the Western approach but what more

566

00:24:38,770 --> 00:24:36,049

can be said to help us try to understand

567

00:24:41,470 --> 00:24:38,780

their way or get into their head space

568

00:24:44,350 --> 00:24:41,480

about these kind of things well it was

569

00:24:46,180 --> 00:24:44,360

kind of a use model you know like if

570

00:24:48,520 --> 00:24:46,190

you're using it and you're using

571

00:24:51,039 --> 00:24:48,530

properly you want just you know abusing

572

00:24:54,310 --> 00:24:51,049

it then you're allowed to can continues

573

00:24:56,530 --> 00:24:54,320

but if other people need access to it

574

00:24:59,470 --> 00:24:56,540

you're expected to give them to give

575

00:25:02,230 --> 00:24:59,480

them access food I mean reasonable you

576

00:25:04,060 --> 00:25:02,240

know it's like if you have you know

577

00:25:05,960 --> 00:25:04,070

garden and you have some friends coming

578

00:25:08,270 --> 00:25:05,970

over and they want some

579

00:25:11,090 --> 00:25:08,280

ovens or some some patients or whatever

580

00:25:14,540 --> 00:25:11,100

you have you know you can share with a

581

00:25:17,480 --> 00:25:14,550

no problem most plants give more than

582

00:25:20,480 --> 00:25:17,490

enough for you know the people if it's a

583

00:25:22,160 --> 00:25:20,490

single family one tree can give them

584

00:25:25,520 --> 00:25:22,170

more than what they need for any any

585

00:25:28,880 --> 00:25:25,530

type of groceries so there's plenty to

586

00:25:32,000 --> 00:25:28,890

go around when people when people know

587

00:25:33,920 --> 00:25:32,010

how to share properly right well that's

588

00:25:36,170 --> 00:25:33,930

interesting because we're sort of taught

589

00:25:38,960 --> 00:25:36,180

or shown depictions of these tribes as

590

00:25:40,460 --> 00:25:38,970

very warlike in most cases and I'm sure

591

00:25:42,710 --> 00:25:40,470

that's exaggerated but do we get any

592

00:25:44,750 --> 00:25:42,720

indication of what it was really like or

593

00:25:47,180 --> 00:25:44,760

if they had the issues of ego and

594

00:25:49,760 --> 00:25:47,190

typical human bickering descending into

595

00:25:52,190 --> 00:25:49,770

war with their neighbors versus some

596

00:25:54,290 --> 00:25:52,200

kind of peaceful coexistence in the land

597

00:25:57,320 --> 00:25:54,300

of abundance like can you clarify things

598

00:25:59,120 --> 00:25:57,330

in this area for us at all well in

599

00:26:02,090 --> 00:25:59,130

California we have we have some of the

600

00:26:05,110 --> 00:26:02,100

best records is that because you know

601  
00:26:07,910 --> 00:26:05,120  
there were people out exploring here

602  
00:26:09,920 --> 00:26:07,920  
before there was a lot of interference

603  
00:26:11,960 --> 00:26:09,930  
like things things started to happen on

604  
00:26:16,010 --> 00:26:11,970  
these go slightly quicker but there's

605  
00:26:18,710 --> 00:26:16,020  
records of groups where basically if

606  
00:26:20,240 --> 00:26:18,720  
another tribe needs something they would

607  
00:26:22,130 --> 00:26:20,250  
come and they would ask for permission

608  
00:26:23,870 --> 00:26:22,140  
to go on to the other tribes land and

609  
00:26:25,760 --> 00:26:23,880  
then the other tribe would either let

610  
00:26:27,710 --> 00:26:25,770  
them go onto their land or they would

611  
00:26:32,390 --> 00:26:27,720  
just gathered what they wanted and

612  
00:26:34,340 --> 00:26:32,400  
provide it to them so and I mean even

613  
00:26:36,260 --> 00:26:34,350

when you I'm sure you've heard of the

614

00:26:39,770 --> 00:26:36,270

term counting - uh-huh

615

00:26:42,200 --> 00:26:39,780

and I mean that's basically a ritualized

616

00:26:46,010 --> 00:26:42,210

from a warfare it's kind of like you

617

00:26:50,300 --> 00:26:46,020

know what we think of a sports team but

618

00:26:52,460 --> 00:26:50,310

it was on more of a ritual level so that

619

00:26:55,550 --> 00:26:52,470

was the preferential means settling

620

00:26:59,270 --> 00:26:55,560

disputes was a ritualized warfare

621

00:27:01,280 --> 00:26:59,280

interesting but things could dissolve

622

00:27:03,470 --> 00:27:01,290

from there and then you know there were

623

00:27:05,630 --> 00:27:03,480

also instances where there were

624

00:27:09,080 --> 00:27:05,640

power-hungry Chiefs who tried to rally

625

00:27:11,150 --> 00:27:09,090

everybody into a you know real war and

626

00:27:14,180 --> 00:27:11,160

killing a lot of people and sometimes

627

00:27:16,779 --> 00:27:14,190

they would just wake up one day and find

628

00:27:20,810 --> 00:27:16,789

that the entire village is gone

629

00:27:22,970 --> 00:27:20,820

we've gone overnight yeah question I

630

00:27:27,049 --> 00:27:22,980

think something that perhaps we should

631

00:27:28,820 --> 00:27:27,059

do with our use at some point mm-hmm we

632

00:27:31,820 --> 00:27:28,830

don't need you fair enough

633

00:27:34,940 --> 00:27:31,830

you know the only real person I've heard

634

00:27:37,220 --> 00:27:34,950

talking a lot about pre-columbian

635

00:27:39,470 --> 00:27:37,230

America is Graham Hancock when he talks

636

00:27:41,750 --> 00:27:39,480

about his war god series of course

637

00:27:44,539 --> 00:27:41,760

that's a little soft more southern he's

638

00:27:47,980 --> 00:27:44,549

talking about the Aztecs but he paints a

639

00:27:50,659 --> 00:27:47,990

picture of their cultures like lining up

640

00:27:52,490 --> 00:27:50,669

thousands of slaves on the step pyramid

641

00:27:54,590 --> 00:27:52,500

to climb the top and lay down and get

642

00:27:56,510 --> 00:27:54,600

their hearts pulled out and eaten I'm

643

00:27:59,960 --> 00:27:56,520

not I'm not talking about it

644

00:28:01,519 --> 00:27:59,970

right right I just you know they're I

645

00:28:03,620 --> 00:28:01,529

don't know where the dividing lines were

646

00:28:05,960 --> 00:28:03,630

between Native Americans and that every

647

00:28:09,230 --> 00:28:05,970

soldier is different but you know I mean

648

00:28:11,659 --> 00:28:09,240

on the whole but I mean there were

649

00:28:17,240 --> 00:28:11,669

definitely places where there were there

650

00:28:20,110 --> 00:28:17,250

were more pressures on on them but the

651

00:28:23,419 --> 00:28:20,120

thing is that I mean in that case it was

652

00:28:25,460 --> 00:28:23,429

there's there's some there's some tacos

653

00:28:27,200 --> 00:28:25,470

that possibly being due to you know

654

00:28:30,799 --> 00:28:27,210

droughts and things like that they

655

00:28:33,980 --> 00:28:30,809

started to become some savage in the way

656

00:28:37,909 --> 00:28:33,990

that they were dealing with the with the

657

00:28:40,669 --> 00:28:37,919

hardship or the cultural discontinuity

658

00:28:43,220 --> 00:28:40,679

that was going on at the time I mean I

659

00:28:45,710 --> 00:28:43,230

read about that when I was a kid and it

660

00:28:48,289 --> 00:28:45,720

scared me I mean it was it was really

661

00:28:50,090 --> 00:28:48,299

horrific what they did to people right I

662

00:28:52,549 --> 00:28:50,100

was cutting their hearts out and things

663

00:28:55,130 --> 00:28:52,559

like them but but that does kind of get

664

00:28:57,049 --> 00:28:55,140

to the next little thing I was going to

665

00:28:59,539 --> 00:28:57,059

ask you about is the spiritual elements

666

00:29:02,360 --> 00:28:59,549

in all of this and just the idea of a

667

00:29:03,740 --> 00:29:02,370

tighter connection fear and to the

668

00:29:06,049 --> 00:29:03,750

consciousness of the things in their

669

00:29:07,789 --> 00:29:06,059

environment because that is you know

670

00:29:09,500 --> 00:29:07,799

when things are good I'm curious what

671

00:29:10,909 --> 00:29:09,510

their relationships like but then it

672

00:29:13,760 --> 00:29:10,919

seems like when things are bad that's

673

00:29:15,500 --> 00:29:13,770

when the whole society can go off the

674

00:29:16,970 --> 00:29:15,510

rails because you're trying to do

675

00:29:19,220 --> 00:29:16,980

everything you can think of to appease

676

00:29:20,930 --> 00:29:19,230

some God that you think has an influence

677

00:29:23,299 --> 00:29:20,940

on your environment but as far as the

678

00:29:26,480 --> 00:29:23,309

Native Americans and the great building

679

00:29:28,430 --> 00:29:26,490

is scapegoating is a well-worn tradition

680

00:29:31,370 --> 00:29:28,440

it is

681

00:29:33,140 --> 00:29:31,380

amen but what can you say about the

682

00:29:35,140 --> 00:29:33,150

spiritual elements that you've studied

683

00:29:39,650 --> 00:29:35,150

as far as Native Americans are concerned

684

00:29:41,810 --> 00:29:39,660

well from from the things that I've read

685

00:29:43,760 --> 00:29:41,820

it seems like they were interacting with

686

00:29:46,100 --> 00:29:43,770

the landscape they were communicating

687

00:29:49,160 --> 00:29:46,110

with the spirits of the animals and the

688

00:29:52,790 --> 00:29:49,170

plants and they were they were using the

689

00:29:55,460 --> 00:29:52,800

information as they got to develop their

690

00:29:58,370 --> 00:29:55,470

agricultural system they would have

691

00:29:59,870 --> 00:29:58,380

visions of a certain herb to use for a

692

00:30:02,630 --> 00:29:59,880

certain condition and they would

693

00:30:04,310 --> 00:30:02,640

continue to use that you know if there

694

00:30:07,820 --> 00:30:04,320

was a certain plant or an animal that

695

00:30:11,030 --> 00:30:07,830

wasn't in abundance anymore it was found

696

00:30:14,660 --> 00:30:11,040

to be dying off they would try and have

697

00:30:15,770 --> 00:30:14,670

a spiritual vision to figure out what to

698

00:30:18,470 --> 00:30:15,780

do what was wrong

699

00:30:22,760 --> 00:30:18,480

this is actually something that comes up

700

00:30:24,710 --> 00:30:22,770

later in the Finch horn community that

701

00:30:28,280 --> 00:30:24,720

was established in Britain like a

702

00:30:29,840 --> 00:30:28,290

sequence in 1960s or 1970s and they were

703

00:30:33,860 --> 00:30:29,850

doing similar techniques they were

704

00:30:35,930 --> 00:30:33,870

basically in like sandy soil and I mean

705

00:30:39,530 --> 00:30:35,940

it was really just horrible place to try

706

00:30:41,930 --> 00:30:39,540

and grow anything but this couple and I

707

00:30:44,180 --> 00:30:41,940

think a few of their friends just kind

708

00:30:46,660 --> 00:30:44,190

of settled there and I mean it was just

709

00:30:49,280 --> 00:30:46,670

dirt cheap land or something like that

710

00:30:52,820 --> 00:30:49,290

but they were also called fed

711

00:30:55,010 --> 00:30:52,830

spiritually so they they settled there

712

00:30:58,370 --> 00:30:55,020

and tried to grow plants and they were

713

00:31:01,100 --> 00:30:58,380

there constantly you know meditating and

714

00:31:03,050 --> 00:31:01,110

trying to commune with with spirits that

715

00:31:06,800 --> 00:31:03,060

will guide them in their in their

716

00:31:10,250 --> 00:31:06,810

gardening and before too long I mean the

717

00:31:13,070 --> 00:31:10,260

soil had improved because those advices

718

00:31:17,410 --> 00:31:13,080

they were given they were growing just

719

00:31:20,300 --> 00:31:17,420

like showstopping kind of vegetation and

720

00:31:21,850 --> 00:31:20,310

plants and it was the sort of things

721

00:31:25,580 --> 00:31:21,860

where they were they're growing things

722

00:31:28,400 --> 00:31:25,590

that were like two or three times which

723

00:31:31,510 --> 00:31:28,410

is he on a commercial farm and this

724

00:31:34,220 --> 00:31:31,520

isn't just the worst sort of you can buy

725

00:31:36,950 --> 00:31:34,230

yeah man I love hearing about that

726

00:31:38,840 --> 00:31:36,960

garden or that community really

727

00:31:41,390 --> 00:31:38,850

interesting and it's a great case study

728

00:31:42,409 --> 00:31:41,400

for the benefits of developing some sort

729

00:31:44,629 --> 00:31:42,419

of relationship

730

00:31:47,690 --> 00:31:44,639

with local spirits or the consciousness

731

00:31:49,789 --> 00:31:47,700

of non-human things and that animist

732

00:31:51,619 --> 00:31:49,799

paradigm I think there's something to it

733

00:31:53,450 --> 00:31:51,629

and this is something that I got from

734

00:31:55,970 --> 00:31:53,460

Gordon white but he graphed some

735

00:31:58,460 --> 00:31:55,980

cultures of the past by their complexity

736

00:32:00,139 --> 00:31:58,470

and stability I think it is and it does

737

00:32:02,029 --> 00:32:00,149

seem like ones that explored

738

00:32:04,310 --> 00:32:02,039

consciousness and developed a robust

739

00:32:07,489 --> 00:32:04,320

connection and reverence for the spirit

740

00:32:08,960 --> 00:32:07,499

world they ranked higher Egyptians of

741

00:32:11,779 --> 00:32:08,970

course were right near the top of the

742

00:32:13,940 --> 00:32:11,789

chart but it just made in my mind a

743

00:32:17,119 --> 00:32:13,950

great case for the importance of this

744

00:32:20,269 --> 00:32:17,129

magical component in a culture and there

745

00:32:21,950 --> 00:32:20,279

does or there did at least seem to be a

746

00:32:23,899 --> 00:32:21,960

connection between cultures who got

747

00:32:26,869 --> 00:32:23,909

tuned in to these levels to take advice

748

00:32:30,259 --> 00:32:26,879

from the spirits and their successes to

749

00:32:32,450 --> 00:32:30,269

some degree well I think so I mean

750

00:32:34,430 --> 00:32:32,460

there's definitely something missing

751

00:32:37,489 --> 00:32:34,440

from modern society and I think it is

752

00:32:40,279 --> 00:32:37,499

this realm of the spiritual to a large

753

00:32:42,919 --> 00:32:40,289

degree I mean even though there are you

754

00:32:47,239 --> 00:32:42,929

know rituals and things like that that

755

00:32:49,310 --> 00:32:47,249

are held in modern religion a lot of

756

00:32:50,419 --> 00:32:49,320

them aren't really mystical they aren't

757

00:32:54,499 --> 00:32:50,429

they aren't the sort of thing that's

758

00:32:56,570 --> 00:32:54,509

meant thank you - another way of

759

00:33:00,049 --> 00:32:56,580

thinking right it's meant to reinforce a

760

00:33:03,649 --> 00:33:00,059

certain doctrine and if you if you read

761

00:33:06,200 --> 00:33:03,659

any of the holy books of these religions

762

00:33:09,849 --> 00:33:06,210

they'll espouse that you know well they

763

00:33:13,629 --> 00:33:09,859

come from this divine spark and combined

764

00:33:16,639 --> 00:33:13,639

inspiration and this vision or this this

765

00:33:19,009 --> 00:33:16,649

experience that someone had but one less

766

00:33:21,049 --> 00:33:19,019

them and then and you're you and never

767

00:33:22,580 --> 00:33:21,059

between show me you you can't have that

768

00:33:25,639 --> 00:33:22,590

experience because you aren't holding up

769

00:33:28,220 --> 00:33:25,649

all right like well excuse me I'm a

770

00:33:30,619 --> 00:33:28,230

human being as well you know and and

771

00:33:35,330 --> 00:33:30,629

this is the only guy who edits with the

772

00:33:37,399 --> 00:33:35,340

experiences you know so mm-hmm I'm with

773

00:33:39,590 --> 00:33:37,409

you there man cheers to that and just to

774

00:33:41,659 --> 00:33:39,600

talk a little bit more about the thin

775

00:33:43,940 --> 00:33:41,669

horn garden because it is pretty cool

776

00:33:45,759 --> 00:33:43,950

it does give us a more modern glimpse

777

00:33:47,629 --> 00:33:45,769

into the type of spirit communication

778

00:33:49,519 --> 00:33:47,639

approach that some of the Native

779

00:33:52,220 --> 00:33:49,529

American tribes had right I mean is

780

00:33:54,049 --> 00:33:52,230

there anything more we can say about the

781

00:33:55,990 --> 00:33:54,059

parallels between the two and exactly

782

00:33:58,150 --> 00:33:56,000

what it was they were doing

783

00:34:00,700 --> 00:33:58,160

while they were there both trying to do

784

00:34:04,720 --> 00:34:00,710

the same thing they're both trying to

785

00:34:07,930 --> 00:34:04,730

contact the spirits of certain plants to

786

00:34:09,880 --> 00:34:07,940

get insight and growing them and they

787

00:34:13,570 --> 00:34:09,890

both seem to have had success with it

788

00:34:16,240 --> 00:34:13,580

and I don't really you know see much

789

00:34:18,220 --> 00:34:16,250

evidence of Native American influence

790

00:34:20,320 --> 00:34:18,230

specifically if in one garden so it

791

00:34:23,110 --> 00:34:20,330

would be it would just be another

792

00:34:25,750 --> 00:34:23,120

instance of a similar system having

793

00:34:27,850 --> 00:34:25,760

developed right yeah I mean that is what

794

00:34:30,940 --> 00:34:27,860

I was getting that is since we can't go

795

00:34:34,510 --> 00:34:30,950

back in time to see the undisturbed

796

00:34:36,580 --> 00:34:34,520

Native American situation we can kind of

797

00:34:39,910 --> 00:34:36,590

look at the thin horn garden and see

798

00:34:42,310 --> 00:34:39,920

parallels to it working out for them

799

00:34:44,500 --> 00:34:42,320

yeah yeah and that's what they say about

800

00:34:46,420 --> 00:34:44,510

ayahuasca like with the shamans in the

801  
00:34:47,560 --> 00:34:46,430  
Amazon too is they ask these shamans how

802  
00:34:49,630 --> 00:34:47,570  
did you decide to put these two things

803  
00:34:53,050 --> 00:34:49,640  
together to mix it into this brew and

804  
00:34:55,810 --> 00:34:53,060  
they say well the plants told us and you

805  
00:34:57,370 --> 00:34:55,820  
know the in psychedelic circles a lot of

806  
00:34:59,080 --> 00:34:57,380  
people know that and kind of take that

807  
00:35:01,180 --> 00:34:59,090  
for granted but why would you think it

808  
00:35:02,710 --> 00:35:01,190  
would only come into play with that vine

809  
00:35:04,090 --> 00:35:02,720  
in that plan why wouldn't you think it

810  
00:35:05,610 --> 00:35:04,100  
would happen with basically everything

811  
00:35:09,670 --> 00:35:05,620  
in the environment or everything

812  
00:35:12,040 --> 00:35:09,680  
biological well I mean with regard to

813  
00:35:15,160 --> 00:35:12,050

ayahuasca you know I think it's like

814

00:35:17,440 --> 00:35:15,170

there's over 110 thousand plants they

815

00:35:21,070 --> 00:35:17,450

could mix that other plant with and

816

00:35:23,200 --> 00:35:21,080

right the chances of it happening by by

817

00:35:26,170 --> 00:35:23,210

chance are just astronomical would have

818

00:35:27,400 --> 00:35:26,180

taken way way too long for them to just

819

00:35:31,030 --> 00:35:27,410

discover that by accident

820

00:35:33,070 --> 00:35:31,040

exactly and I would assume that the same

821

00:35:34,840 --> 00:35:33,080

way they got that insight they'd get

822

00:35:37,120 --> 00:35:34,850

insight about basically everything that

823

00:35:41,290 --> 00:35:37,130

they're around well you know it's like

824

00:35:43,660 --> 00:35:41,300

the Buddhist Lamas and just any religion

825

00:35:46,450 --> 00:35:43,670

that still has a mystical aspect still

826

00:35:50,830 --> 00:35:46,460

has meditation as part of their practice

827

00:35:52,210 --> 00:35:50,840

or chanting drumming something that gets

828

00:35:54,970 --> 00:35:52,220

you into an altered state of

829

00:35:57,550 --> 00:35:54,980

consciousness yeah these are the thing I

830

00:35:59,080 --> 00:35:57,560

mean so Native American tribes they do

831

00:36:00,790 --> 00:35:59,090

the hanging with hostessing that I I

832

00:36:03,220 --> 00:36:00,800

drove and I look there if I don't have

833

00:36:05,050 --> 00:36:03,230

to but right you know that induces a

834

00:36:07,630 --> 00:36:05,060

trance and that causes you to go into an

835

00:36:09,430 --> 00:36:07,640

altered consciousness where you're able

836

00:36:12,070 --> 00:36:09,440

to commune with spirit

837

00:36:14,770 --> 00:36:12,080

things like that I think basically it's

838

00:36:18,190 --> 00:36:14,780

because in that case it's such an

839

00:36:21,970 --> 00:36:18,200

extreme amount of pain that your

840

00:36:23,560 --> 00:36:21,980

conscious mind it kind of shuts off you

841

00:36:26,590 --> 00:36:23,570

know because if you can't deal with it

842

00:36:28,510 --> 00:36:26,600

right and so that you're basically start

843

00:36:30,580 --> 00:36:28,520

delving into the lower parts of your

844

00:36:33,970 --> 00:36:30,590

mind that you don't really don't

845

00:36:36,040 --> 00:36:33,980

interact with yeah and that clearly

846

00:36:38,290 --> 00:36:36,050

seems to be value in that because people

847

00:36:40,450 --> 00:36:38,300

come back with things that seem to work

848

00:36:42,730 --> 00:36:40,460

and we were also going to talk a little

849

00:36:44,920 --> 00:36:42,740

bit more about plants and healing

850

00:36:47,110 --> 00:36:44,930

because of course a major slice of the

851  
00:36:49,180 --> 00:36:47,120  
conspiracy world is Rockefeller medicine

852  
00:36:51,250 --> 00:36:49,190  
and the widespread institution of

853  
00:36:54,340 --> 00:36:51,260  
chemical treatments rather than natural

854  
00:36:56,500 --> 00:36:54,350  
plant-based ones and it's kind of to the

855  
00:36:58,690 --> 00:36:56,510  
point now that people completely dismiss

856  
00:37:01,660 --> 00:36:58,700  
the power of plants you know it's on it

857  
00:37:03,940 --> 00:37:01,670  
kind of a joke to be a naturalist but

858  
00:37:05,320 --> 00:37:03,950  
what have you learned about this from

859  
00:37:06,910 --> 00:37:05,330  
the research that you've looked into

860  
00:37:10,210 --> 00:37:06,920  
Native American practices is there some

861  
00:37:14,560 --> 00:37:10,220  
real power there you think oh yeah

862  
00:37:16,480 --> 00:37:14,570  
there's not much money yeah the thing is

863  
00:37:18,520 --> 00:37:16,490

that you know all these simply want

864

00:37:20,590 --> 00:37:18,530

something the patent of course and you

865

00:37:24,100 --> 00:37:20,600

can't patent something that's already in

866

00:37:25,600 --> 00:37:24,110

the public realm now if you can take

867

00:37:29,260 --> 00:37:25,610

this plant you can genetically engineer

868

00:37:33,880 --> 00:37:29,270

it a little bit hey I can patent that I

869

00:37:38,050 --> 00:37:33,890

I can make money off of that but yeah

870

00:37:40,120 --> 00:37:38,060

that's the main main thing to prohibit

871

00:37:42,820 --> 00:37:40,130

things like that from getting too far

872

00:37:45,340 --> 00:37:42,830

off the ground David propagandized all

873

00:37:47,770 --> 00:37:45,350

doctors citizens this isn't something to

874

00:37:50,260 --> 00:37:47,780

look at and these aren't powerful enough

875

00:37:53,680 --> 00:37:50,270

they aren't effective you know we have

876

00:37:55,480 --> 00:37:53,690

varying amounts of active ingredient

877

00:37:57,940 --> 00:37:55,490

things like that it you know I mean they

878

00:37:59,860 --> 00:37:57,950

do they're natural and they have varying

879

00:38:03,190 --> 00:37:59,870

amounts in green but you can still test

880

00:38:04,750 --> 00:38:03,200

and things like that so to say that you

881

00:38:07,390 --> 00:38:04,760

know it doesn't have any value that

882

00:38:10,420 --> 00:38:07,400

looks very and I mean really what we get

883

00:38:13,230 --> 00:38:10,430

in terms of the pharmacopoeia of the

884

00:38:17,350 --> 00:38:13,240

pharmaceutical company is basically a

885

00:38:21,910 --> 00:38:17,360

single derivative it's an extract or or

886

00:38:24,039 --> 00:38:21,920

a chemical synthesis if the new

887

00:38:26,680 --> 00:38:24,049

chemical that they just basically copied

888

00:38:28,450 --> 00:38:26,690

out of the natural world typically or

889

00:38:29,890 --> 00:38:28,460

they tried to make something that was

890

00:38:32,730 --> 00:38:29,900

similar enough that we had to someone

891

00:38:36,220 --> 00:38:32,740

action and they could patent that so

892

00:38:38,170 --> 00:38:36,230

it's basically what they themselves are

893

00:38:40,480 --> 00:38:38,180

drawing on when they when they make

894

00:38:42,579 --> 00:38:40,490

their their medicines it's just that a

895

00:38:44,829 --> 00:38:42,589

lot of these medicines are just harsh

896

00:38:47,230 --> 00:38:44,839

you know it's kind of like difference

897

00:38:50,799 --> 00:38:47,240

between drinking beer or wine and

898

00:38:54,579 --> 00:38:50,809

drinking vodka for drinking Yukon jack

899

00:38:56,859 --> 00:38:54,589

if I it's a lot harsher on your body

900

00:38:58,510 --> 00:38:56,869

drink there's still stuff and you know

901  
00:38:59,920 --> 00:38:58,520  
the way I think of pharmaceuticals

902  
00:39:03,609 --> 00:38:59,930  
they're kind of like a distilled stuff

903  
00:39:06,339 --> 00:39:03,619  
Rosenberg's stuff so you know it's

904  
00:39:08,950 --> 00:39:06,349  
something where I think that has a lot

905  
00:39:10,870 --> 00:39:08,960  
to do with why we have so many issues

906  
00:39:14,799 --> 00:39:10,880  
today because it's you know that they

907  
00:39:17,950 --> 00:39:14,809  
basically are only taking an aspect of

908  
00:39:20,890 --> 00:39:17,960  
which should be applied as a more

909  
00:39:21,280 --> 00:39:20,900  
holistic approach right I agree with you

910  
00:39:24,059 --> 00:39:21,290  
there

911  
00:39:27,280 --> 00:39:24,069  
and so what can be said really I guess

912  
00:39:30,240 --> 00:39:27,290  
for the Native Americans

913  
00:39:32,349 --> 00:39:30,250

I guess quote-unquote medical system as

914

00:39:35,200 --> 00:39:32,359

opposed to ours do we know anything

915

00:39:36,549 --> 00:39:35,210

about their health before the

916

00:39:40,000 --> 00:39:36,559

colonialist arrive do we know anything

917

00:39:43,059 --> 00:39:40,010

about their lifespans how effective was

918

00:39:45,420 --> 00:39:43,069

their medicine for their way of life in

919

00:39:47,950 --> 00:39:45,430

their environment as opposed to ours

920

00:39:50,140 --> 00:39:47,960

well I mean there were some things that

921

00:39:52,150 --> 00:39:50,150

they were very good at and there were

922

00:39:55,059 --> 00:39:52,160

some things that they were not so good

923

00:39:57,339 --> 00:39:55,069

at I mean antibiotics or something that

924

00:40:01,569 --> 00:39:57,349

it has been developed that they didn't

925

00:40:03,549 --> 00:40:01,579

really have a an analogue for to a large

926  
00:40:05,319 --> 00:40:03,559  
degree I mean there were things that

927  
00:40:07,450 --> 00:40:05,329  
could boost the immune system there are

928  
00:40:10,530 --> 00:40:07,460  
things we help send off certain

929  
00:40:13,000 --> 00:40:10,540  
illnesses or deal with the symptoms but

930  
00:40:16,690 --> 00:40:13,010  
you know something that that actually

931  
00:40:19,059 --> 00:40:16,700  
went in and killed off certain organisms

932  
00:40:21,789 --> 00:40:19,069  
they didn't have really so that's that's

933  
00:40:23,890 --> 00:40:21,799  
one major difference but you know

934  
00:40:26,109 --> 00:40:23,900  
there's all these extracts and there's

935  
00:40:28,630 --> 00:40:26,119  
you know oil of oregano and things like

936  
00:40:32,230 --> 00:40:28,640  
that which we know about that have

937  
00:40:35,690 --> 00:40:32,240  
similar actions the all leaf extract is

938  
00:40:41,180 --> 00:40:35,700

actually the most effective of the

939

00:40:43,610 --> 00:40:41,190

herbal antibiotic anti fungal antiviral

940

00:40:47,230 --> 00:40:43,620

compounds are out there about 90 percent

941

00:40:51,400 --> 00:40:47,240

effective so that's that's really good

942

00:40:54,110 --> 00:40:51,410

yeah so man do you think we could ever

943

00:40:55,790 --> 00:40:54,120

kind of get back to this

944

00:40:59,900 --> 00:40:55,800

it seems actually somewhat difficult

945

00:41:01,250 --> 00:40:59,910

because if you consider all the plants

946

00:41:03,860 --> 00:41:01,260

and animals in the environment to be

947

00:41:06,800 --> 00:41:03,870

kind of crossroads for consciousness or

948

00:41:08,780 --> 00:41:06,810

ways to communicate with the great

949

00:41:11,420 --> 00:41:08,790

spirit as they might have called it or

950

00:41:14,030 --> 00:41:11,430

just whatever spirits of any kind it

951  
00:41:15,860 --> 00:41:14,040  
seems like it's kind of hard to get

952  
00:41:17,540 --> 00:41:15,870  
spiritual messages from animals or

953  
00:41:19,810 --> 00:41:17,550  
nature when we've destroyed it all like

954  
00:41:23,240 --> 00:41:19,820  
it is it kind of like can we not go back

955  
00:41:25,400 --> 00:41:23,250  
well I mean you know the Finns Borden

956  
00:41:27,830 --> 00:41:25,410  
Garden we would say yeah they're ready

957  
00:41:30,800 --> 00:41:27,840  
to talk if we're ready to listen that's

958  
00:41:33,020 --> 00:41:30,810  
fair I mean the thing is that I I think

959  
00:41:34,550 --> 00:41:33,030  
that if we're going to continue to live

960  
00:41:37,790 --> 00:41:34,560  
on this planet we don't have any other

961  
00:41:40,220 --> 00:41:37,800  
choice a lot of people aren't choosing

962  
00:41:43,190 --> 00:41:40,230  
to or and then a lot of them don't even

963  
00:41:46,040 --> 00:41:43,200

know that that's an option right the the

964

00:41:48,800 --> 00:41:46,050

most important thing is to try and get

965

00:41:51,140 --> 00:41:48,810

people aware of the fact that there are

966

00:41:53,380 --> 00:41:51,150

different ways of doing things applying

967

00:41:56,000 --> 00:41:53,390

chemicals to the ground is not feeding

968

00:41:59,270 --> 00:41:56,010

that's applying chemicals to the ground

969

00:42:01,400 --> 00:41:59,280

that it kills off the microorganisms on

970

00:42:03,410 --> 00:42:01,410

the ground it's like if we took a bunch

971

00:42:04,970 --> 00:42:03,420

of grain alcohol and dumped it on the

972

00:42:07,640 --> 00:42:04,980

ground it would kill off everything that

973

00:42:10,520 --> 00:42:07,650

it's just not healthy what you need to

974

00:42:12,080 --> 00:42:10,530

do is you need to work with the soil you

975

00:42:14,080 --> 00:42:12,090

need to develop the soil you need to

976

00:42:16,850 --> 00:42:14,090

make it into something that harbors

977

00:42:19,910 --> 00:42:16,860

microorganisms and feeds plants because

978

00:42:22,250 --> 00:42:19,920

the thing is the microorganisms that are

979

00:42:25,520 --> 00:42:22,260

the fungi that are in the soil there

980

00:42:27,950 --> 00:42:25,530

with you most of the work for the plants

981

00:42:30,410 --> 00:42:27,960

because the plants actually depend on

982

00:42:34,400 --> 00:42:30,420

them to carry nutrients through the soil

983

00:42:36,380 --> 00:42:34,410

to their roots so when we do the sorts

984

00:42:38,870 --> 00:42:36,390

of agricultural practices that we'd be

985

00:42:41,810 --> 00:42:38,880

especially monoculture which is a

986

00:42:44,330 --> 00:42:41,820

horrible it you know completely deplete

987

00:42:46,520 --> 00:42:44,340

the soil you have to do rotations but I

988

00:42:48,310 --> 00:42:46,530

mean that's not really a solution the

989

00:42:51,370 --> 00:42:48,320

solution is grow

990

00:42:53,650 --> 00:42:51,380

plants intermingled with each other so

991

00:42:56,200 --> 00:42:53,660

say they support each other which is

992

00:42:58,360 --> 00:42:56,210

what's described in permaculture so I

993

00:43:01,780 --> 00:42:58,370

think that there's a lot to be gleaned

994

00:43:04,150 --> 00:43:01,790

from a lot of these different types of

995

00:43:05,980 --> 00:43:04,160

Agriculture and you know taking bits and

996

00:43:07,630 --> 00:43:05,990

pieces from each one and trying to

997

00:43:10,540 --> 00:43:07,640

integrate them together and find new

998

00:43:13,690 --> 00:43:10,550

ways to account for you know the growth

999

00:43:16,750 --> 00:43:13,700

patterns after disruption and account

1000

00:43:18,550 --> 00:43:16,760

for soil and account for the way the

1001  
00:43:20,800 --> 00:43:18,560  
land is used and how it affects the

1002  
00:43:23,590 --> 00:43:20,810  
water you know there's a lot of these

1003  
00:43:25,570 --> 00:43:23,600  
things that haven't been entertained for

1004  
00:43:28,450 --> 00:43:25,580  
a long time because there's been a

1005  
00:43:30,010 --> 00:43:28,460  
certain mindset and I'm hoping that you

1006  
00:43:31,600 --> 00:43:30,020  
know that mindset is changing a little

1007  
00:43:34,720 --> 00:43:31,610  
bit I mean this in fact was that both

1008  
00:43:38,080 --> 00:43:34,730  
pending a while by mcat Anderson I sent

1009  
00:43:41,650 --> 00:43:38,090  
you was published you know that says a

1010  
00:43:43,030 --> 00:43:41,660  
lot mm-hmm yeah it does if you want to

1011  
00:43:46,270 --> 00:43:43,040  
be positive that's definitely something

1012  
00:43:48,820 --> 00:43:46,280  
to look at but man we hear these quotes

1013  
00:43:51,520 --> 00:43:48,830

that I love about just all the abundance

1014

00:43:53,440 --> 00:43:51,530

that was out there it wasn't that long

1015

00:43:55,680 --> 00:43:53,450

ago how did we manage to [h\_\_h] all this

1016

00:43:59,230 --> 00:43:55,690

up in so little time

1017

00:44:01,600 --> 00:43:59,240

well really by the beginning of the 19th

1018

00:44:02,550 --> 00:44:01,610

I mean by the end of the 19th going into

1019

00:44:05,380 --> 00:44:02,560

the 20th century

1020

00:44:09,610 --> 00:44:05,390

without really much in the way of

1021

00:44:12,760 --> 00:44:09,620

mechanistic you know assistance European

1022

00:44:15,820 --> 00:44:12,770

mindset alone had managed to wipe out

1023

00:44:19,420 --> 00:44:15,830

most of everything we've we've recovered

1024

00:44:22,150 --> 00:44:19,430

quite a bit since then actually but yeah

1025

00:44:25,510 --> 00:44:22,160

it in terms of the animal life and but

1026  
00:44:29,110 --> 00:44:25,520  
the vegetation to large degree has been

1027  
00:44:32,350 --> 00:44:29,120  
just development it has a lot to do with

1028  
00:44:35,980 --> 00:44:32,360  
mindset basically it didn't take a whole

1029  
00:44:39,280 --> 00:44:35,990  
lot of sophistication for the Europeans

1030  
00:44:43,240 --> 00:44:39,290  
to completely wipe out the carrier

1031  
00:44:45,130 --> 00:44:43,250  
pigeons and things like that so we're

1032  
00:44:48,250 --> 00:44:45,140  
lucky that there have been some rules to

1033  
00:44:51,700 --> 00:44:48,260  
hold back the complete decimation of a

1034  
00:44:53,460 --> 00:44:51,710  
while wild areas but what we need to

1035  
00:44:56,920 --> 00:44:53,470  
realize we need to do more than just

1036  
00:44:59,560 --> 00:44:56,930  
prevent them from being destroyed yeah

1037  
00:45:01,810 --> 00:44:59,570  
just kind of replanting things here and

1038  
00:45:02,140 --> 00:45:01,820

there and we really need to track a lot

1039

00:45:05,410 --> 00:45:02,150

more

1040

00:45:07,000 --> 00:45:05,420

with land in order to be able to get it

1041

00:45:09,880 --> 00:45:07,010

back to where kind of where it was

1042

00:45:10,960 --> 00:45:09,890

before maybe even better you know start

1043

00:45:12,970 --> 00:45:10,970

bringing in some of these other

1044

00:45:17,650 --> 00:45:12,980

techniques isn't that I'm talking about

1045

00:45:19,740 --> 00:45:17,660

like bio dynamics things like that I'd

1046

00:45:22,809 --> 00:45:19,750

like to like to start talking about that

1047

00:45:24,490 --> 00:45:22,819

yeah that was actually my next note here

1048

00:45:27,579 --> 00:45:24,500

the only other thing I was going to say

1049

00:45:29,200 --> 00:45:27,589

to kind of add to your points there was

1050

00:45:31,059 --> 00:45:29,210

that in one of these videos I was

1051

00:45:32,740 --> 00:45:31,069

watching it kind of gets into this

1052

00:45:35,890 --> 00:45:32,750

material in preparation for today

1053

00:45:37,809 --> 00:45:35,900

they're reading from the writings of a

1054

00:45:40,150 --> 00:45:37,819

Native American like some Journal of

1055

00:45:43,019 --> 00:45:40,160

some type and he says I really just

1056

00:45:45,370 --> 00:45:43,029

don't get these people they cut down

1057

00:45:48,339 --> 00:45:45,380

massive trees to build these structures

1058

00:45:51,069 --> 00:45:48,349

and then all winter long they burn wood

1059

00:45:53,769 --> 00:45:51,079

in every room of every building that

1060

00:45:56,529 --> 00:45:53,779

they build and it's just extremely

1061

00:45:58,930 --> 00:45:56,539

wasteful and it won't be sustainable and

1062

00:46:00,700 --> 00:45:58,940

sure enough it isn't but I thought that

1063

00:46:01,450 --> 00:46:00,710

was just a great point I can only

1064

00:46:04,839 --> 00:46:01,460

imagine

1065

00:46:07,480 --> 00:46:04,849

Native Americans seeing this completely

1066

00:46:10,200 --> 00:46:07,490

alien way of doing everything and just

1067

00:46:12,010 --> 00:46:10,210

watching it rape and pillage their

1068

00:46:13,390 --> 00:46:12,020

surroundings and you know these white

1069

00:46:15,720 --> 00:46:13,400

people like isn't this better look how

1070

00:46:20,260 --> 00:46:15,730

awesome this is and yeah yeah I'm

1071

00:46:23,470 --> 00:46:20,270

looking pots pans in you know nice yeah

1072

00:46:27,039 --> 00:46:23,480

one like we had a Japan nice before a

1073

00:46:28,359 --> 00:46:27,049

sofa yeah I mean just just gotta imagine

1074

00:46:32,289 --> 00:46:28,369

how crazy that beast

1075

00:46:34,680 --> 00:46:32,299

we made my land back yeah right on so

1076  
00:46:37,180 --> 00:46:34,690  
right you said you want to also discuss

1077  
00:46:39,880 --> 00:46:37,190  
biodynamic agriculture and I guess

1078  
00:46:41,829 --> 00:46:39,890  
Rudolf Steiners alchemically derived

1079  
00:46:45,029 --> 00:46:41,839  
agriculture system what's going on with

1080  
00:46:48,880 --> 00:46:45,039  
this stuff that you also sent me so

1081  
00:46:52,809 --> 00:46:48,890  
basically it's a way of selling and

1082  
00:46:55,180 --> 00:46:52,819  
reaping and basically coming up with a

1083  
00:46:58,930 --> 00:46:55,190  
cyclic look at the way that different

1084  
00:47:02,079 --> 00:46:58,940  
plants interact with the environment so

1085  
00:47:05,710 --> 00:47:02,089  
what he's talking about is the kind of a

1086  
00:47:08,829 --> 00:47:05,720  
longitudinal wave the the Oregon energy

1087  
00:47:12,099 --> 00:47:08,839  
from the Sun as it were as that

1088  
00:47:15,190 --> 00:47:12,109

interacts with the earth he tries to

1089

00:47:18,000 --> 00:47:15,200

draw the correct energies

1090

00:47:21,730 --> 00:47:18,010

are being emanated and channeled through

1091

00:47:23,859 --> 00:47:21,740

you know the astrological interactions

1092

00:47:26,140 --> 00:47:23,869

with planets and the lensing of those

1093

00:47:29,829 --> 00:47:26,150

waves down to the earth and things like

1094

00:47:31,870 --> 00:47:29,839

that like the zodiac these the zodiac to

1095

00:47:34,000 --> 00:47:31,880

plan when they're going to plan some

1096

00:47:36,400 --> 00:47:34,010

things like that and they also use it

1097

00:47:38,260 --> 00:47:36,410

for making these preparations where the

1098

00:47:41,650 --> 00:47:38,270

preparations are planted at a certain

1099

00:47:44,740 --> 00:47:41,660

time and so it will be it will be cow

1100

00:47:48,069 --> 00:47:44,750

manure in a horn or it'll be an herb and

1101

00:47:51,010 --> 00:47:48,079

a horn portal it might also be silica

1102

00:47:54,069 --> 00:47:51,020

which is course in a horn and it will be

1103

00:47:57,880 --> 00:47:54,079

buried underground and then the energy

1104

00:47:59,770 --> 00:47:57,890

is being absorbed by the earth from the

1105

00:48:03,329 --> 00:47:59,780

longitudinal energy is being

1106

00:48:07,930 --> 00:48:03,339

concentrated by the horn in the ground

1107

00:48:10,290 --> 00:48:07,940

into this material so it is I think it's

1108

00:48:12,630 --> 00:48:10,300

you know especially the course

1109

00:48:16,300 --> 00:48:12,640

preparation I think that it helps to

1110

00:48:19,930 --> 00:48:16,310

focus Oregon through the resonance

1111

00:48:23,319 --> 00:48:19,940

cavity effects that Viktor grew

1112

00:48:26,079 --> 00:48:23,329

penticoff found and it also helps to

1113

00:48:29,500 --> 00:48:26,089

concentrate organs as well in this year

1114

00:48:32,700 --> 00:48:29,510

I mean I mean Oregon organite I mean not

1115

00:48:36,910 --> 00:48:32,710

organite what is it the gold powder

1116

00:48:38,349 --> 00:48:36,920

Ormus from enormous into there huh so

1117

00:48:41,319 --> 00:48:38,359

that maybe that's why that guy was

1118

00:48:43,599 --> 00:48:41,329

discovering Ormus like what that was so

1119

00:48:45,339 --> 00:48:43,609

weird because to go back to you know all

1120

00:48:48,040 --> 00:48:45,349

the gold you can eat they didn't really

1121

00:48:49,990 --> 00:48:48,050

get into why he found this stuff it just

1122

00:48:51,640 --> 00:48:50,000

seemed like he found this stuff Ormus in

1123

00:48:53,980 --> 00:48:51,650

his field and he started doing all this

1124

00:48:55,450 --> 00:48:53,990

weird testing on it it's everywhere it's

1125

00:48:57,819 --> 00:48:55,460

everywhere like I said before it goes

1126

00:49:01,720 --> 00:48:57,829

between the land and water the air is

1127

00:49:04,240 --> 00:49:01,730

everything so I think that the horn and

1128

00:49:06,280 --> 00:49:04,250

and because the horn is full of all

1129

00:49:09,220 --> 00:49:06,290

these as a bone it's full of all these

1130

00:49:11,890 --> 00:49:09,230

cavities and so I think all those little

1131

00:49:14,800 --> 00:49:11,900

cavities are helping to concentrate the

1132

00:49:17,500 --> 00:49:14,810

flow this is Derek energy into there and

1133

00:49:21,160 --> 00:49:17,510

the horn shape that's also like a Phi a

1134

00:49:24,220 --> 00:49:21,170

Phi curve you know if you're familiar

1135

00:49:26,589 --> 00:49:24,230

with the golden ratio yeah I think that

1136

00:49:28,590 --> 00:49:26,599

that helps the energy go into a Phi or

1137

00:49:31,500 --> 00:49:28,600

like a light positive

1138

00:49:32,700 --> 00:49:31,510

sort of flow the shape of the horn

1139

00:49:35,190 --> 00:49:32,710

because it looks like kind of like the

1140

00:49:37,410 --> 00:49:35,200

shell yeah it has that thing kind of

1141

00:49:39,990 --> 00:49:37,420

ratio built into it so I think that

1142

00:49:41,820 --> 00:49:40,000

that's kind of helping the energy flow

1143

00:49:45,180 --> 00:49:41,830

through there and it gets it helps to

1144

00:49:48,330 --> 00:49:45,190

concentrate because I think that forms

1145

00:49:50,930 --> 00:49:48,340

is caught up in this stuff and so when

1146

00:49:54,420 --> 00:49:50,940

you when you have it be concentrated and

1147

00:49:57,570 --> 00:49:54,430

flowing it helps to concentrate it into

1148

00:50:01,340 --> 00:49:57,580

what you have in there like biohacking

1149

00:50:03,840 --> 00:50:01,350

the rules of our 3d environment yeah

1150

00:50:05,700 --> 00:50:03,850

kinda I mean is there much of a

1151

00:50:07,470 --> 00:50:05,710

historical precedence for for this

1152

00:50:09,800 --> 00:50:07,480

biodynamic all agriculture this is a

1153

00:50:13,200 --> 00:50:09,810

recent thing right a fairly recent thing

1154

00:50:17,250 --> 00:50:13,210

well it was built by Rudolf Steiner who

1155

00:50:20,840 --> 00:50:17,260

was like late 19th early 20th century

1156

00:50:24,660 --> 00:50:20,850

and this was all based off with his

1157

00:50:27,000 --> 00:50:24,670

basically a spirit sight he saw things

1158

00:50:29,850 --> 00:50:27,010

in other worlds so to speak growing up

1159

00:50:32,130 --> 00:50:29,860

and then he went to school and he got a

1160

00:50:35,340 --> 00:50:32,140

doctorate you know started writing about

1161

00:50:38,040 --> 00:50:35,350

this stuff but he was basically someone

1162

00:50:41,460 --> 00:50:38,050

who wanted to understand the spiritual

1163

00:50:43,950 --> 00:50:41,470

in a scientific context hmm interesting

1164

00:50:46,290 --> 00:50:43,960

yeah I don't know enough about Rudolf

1165

00:50:47,820 --> 00:50:46,300

Steiner obviously seems like an

1166

00:50:51,270 --> 00:50:47,830

interesting guy in that Wilhelm Reich

1167

00:50:55,620 --> 00:50:51,280

wheelhouse kind of yeah well you know

1168

00:50:56,880 --> 00:50:55,630

Rudolf Steiner I would say that he the

1169

00:50:59,760 --> 00:50:56,890

group that he started was called

1170

00:51:03,180 --> 00:50:59,770

anthroposophy it was basically an

1171

00:51:05,160 --> 00:51:03,190

outreach of the theosophy movement well

1172

00:51:09,150 --> 00:51:05,170

not an outreach I say a kind of a you

1173

00:51:11,840 --> 00:51:09,160

know splinter off of them because one of

1174

00:51:15,480 --> 00:51:11,850

the offices that Krishnamurti was

1175

00:51:17,700 --> 00:51:15,490

reincarnation of Jesus I think then

1176

00:51:19,350 --> 00:51:17,710

that's when he kind of split off gotcha

1177

00:51:22,760 --> 00:51:19,360

yeah I've got a Krishnamurti

1178

00:51:24,990 --> 00:51:22,770

magnet on my refrigerator right now I

1179

00:51:28,680 --> 00:51:25,000

always thought that the office this roof

1180

00:51:31,500 --> 00:51:28,690

it wacky but I'm a bit down more with

1181

00:51:33,240 --> 00:51:31,510

the hand processes yeah you're not alone

1182

00:51:37,470 --> 00:51:33,250

in that and that thought I've had quite

1183

00:51:38,670 --> 00:51:37,480

a few guests kind of say that yeah right

1184

00:51:41,430 --> 00:51:38,680

on so

1185

00:51:44,340 --> 00:51:41,440

I guess this biodynamic agriculture it

1186

00:51:45,900 --> 00:51:44,350

is super interesting I mean what else

1187

00:51:48,690 --> 00:51:45,910

can be said about it why has it ever

1188

00:51:51,390 --> 00:51:48,700

been used in a real widespread fashion

1189

00:51:52,710 --> 00:51:51,400

oh it's very widespread in Australia

1190

00:51:54,720 --> 00:51:52,720

most places actually

1191

00:51:56,400 --> 00:51:54,730

huh because they have such horrible soil

1192

00:51:59,520 --> 00:51:56,410

down there they've used to develop their

1193

00:52:01,890 --> 00:51:59,530

salon places there are few people who

1194

00:52:04,350 --> 00:52:01,900

started to advocate it I think was

1195

00:52:06,540 --> 00:52:04,360

during the 20th century yeah I mean

1196

00:52:08,250 --> 00:52:06,550

that's an agile thing because that's I

1197

00:52:10,290 --> 00:52:08,260

think he started to get his talks about

1198

00:52:12,240 --> 00:52:10,300

it during 20 I think was like maybe

1199

00:52:14,340 --> 00:52:12,250

there's 60s or the 80s they started to

1200

00:52:15,780 --> 00:52:14,350

really take off there there's a lot

1201  
00:52:19,590 --> 00:52:15,790  
there's a lot of fun Danny McCormack

1202  
00:52:24,390 --> 00:52:19,600  
down there huh and I mean they're

1203  
00:52:27,270 --> 00:52:24,400  
they're using courts yeah so like I said

1204  
00:52:29,760 --> 00:52:27,280  
in the previous episode courses actually

1205  
00:52:33,450 --> 00:52:29,770  
and crystals are actually kind of like

1206  
00:52:37,050 --> 00:52:33,460  
it will nest for materials to get

1207  
00:52:39,690 --> 00:52:37,060  
trapped and so I think that the reason

1208  
00:52:43,110 --> 00:52:39,700  
why they're using the course and there's

1209  
00:52:46,500 --> 00:52:43,120  
their kind of super charging the courts

1210  
00:52:49,140 --> 00:52:46,510  
with warmest materials in the horn as

1211  
00:52:52,290 --> 00:52:49,150  
its buried and it's getting kind of a

1212  
00:52:53,880 --> 00:52:52,300  
flavor from the from a blows of etheric

1213  
00:52:57,240 --> 00:52:53,890

energy that are going through it and

1214

00:53:00,330 --> 00:52:57,250

then that is basically being mixed with

1215

00:53:03,420 --> 00:53:00,340

water and sprayed on the fields and what

1216

00:53:06,990 --> 00:53:03,430

that does I think is the course kind of

1217

00:53:09,060 --> 00:53:07,000

in a homeopathic way it's structure

1218

00:53:11,580 --> 00:53:09,070

eise's the water because the thing is

1219

00:53:14,310 --> 00:53:11,590

the water has strong bonds between the

1220

00:53:16,890 --> 00:53:14,320

hydrogen and the oxygen but it's a it's

1221

00:53:19,440 --> 00:53:16,900

a polar molecule so that means as

1222

00:53:22,200 --> 00:53:19,450

positive and negative side itself so

1223

00:53:25,140 --> 00:53:22,210

that molecule can be arranged like

1224

00:53:28,830 --> 00:53:25,150

magnets in different structures and so

1225

00:53:31,260 --> 00:53:28,840

when you have electromagnetic fields

1226

00:53:33,120 --> 00:53:31,270

when you have contaminants in the water

1227

00:53:35,430 --> 00:53:33,130

when you would you have stuff that's

1228

00:53:37,590 --> 00:53:35,440

mixed with it it's going to retain a

1229

00:53:39,450 --> 00:53:37,600

flavor of that even if that material is

1230

00:53:42,720 --> 00:53:39,460

removed because it's effective of the

1231

00:53:43,830 --> 00:53:42,730

weaker bonds in water that has that's

1232

00:53:48,180 --> 00:53:43,840

what we talk about when we're talking

1233

00:53:51,270 --> 00:53:48,190

about water structure hmm and so if you

1234

00:53:52,530 --> 00:53:51,280

put quartz in one of these horns and

1235

00:53:54,240 --> 00:53:52,540

bury it

1236

00:53:56,340 --> 00:53:54,250

I mean you also mentioned their spraying

1237

00:53:59,670 --> 00:53:56,350

you know affected water on this but how

1238

00:54:01,260 --> 00:53:59,680

large of an area does that affect from

1239

00:54:03,330 --> 00:54:01,270

what I understand that I can't remember

1240

00:54:07,710 --> 00:54:03,340

the ratios let me see it might have it

1241

00:54:12,000 --> 00:54:07,720

open somewhere on here the cloud Kalen

1242

00:54:15,480 --> 00:54:12,010

silica is the mixture of one gram to 13

1243

00:54:18,540 --> 00:54:15,490

liters of water per acre so one gram of

1244

00:54:22,020 --> 00:54:18,550

this stuff is good for an acre down you

1245

00:54:24,240 --> 00:54:22,030

mix with water and that I mean it let's

1246

00:54:26,670 --> 00:54:24,250

see the spray enhances photosynthesis is

1247

00:54:29,070 --> 00:54:26,680

a lead and if such complements the

1248

00:54:31,290 --> 00:54:29,080

activity of the preparation BD 500 which

1249

00:54:33,450 --> 00:54:31,300

is another one of the preparations they

1250

00:54:35,640 --> 00:54:33,460

make which works mostly on the root zone

1251  
00:54:37,230 --> 00:54:35,650  
of the plant all strings of strengthens

1252  
00:54:40,110 --> 00:54:37,240  
the plant against some fungus attacks

1253  
00:54:45,380 --> 00:54:40,120  
rots and passionfruit and rest on coffee

1254  
00:54:48,030 --> 00:54:45,390  
and rice so it it basically helps it to

1255  
00:54:50,790 --> 00:54:48,040  
photosynthesize better it's kind of like

1256  
00:54:54,090 --> 00:54:50,800  
foliar feeding and gets absorbed by the

1257  
00:54:56,850 --> 00:54:54,100  
pores of the plant right so if this is

1258  
00:54:58,680 --> 00:54:56,860  
so effective I mean why wouldn't the

1259  
00:55:00,450 --> 00:54:58,690  
corporate farming industry just use it

1260  
00:55:02,250 --> 00:55:00,460  
also because they're you know profit at

1261  
00:55:05,960 --> 00:55:02,260  
any cost they don't care what you know

1262  
00:55:08,700 --> 00:55:05,970  
will get them there well I mean if

1263  
00:55:11,480 --> 00:55:08,710

there's a lot of skepticism around it I

1264

00:55:14,160 --> 00:55:11,490

mean it really it's not the corporations

1265

00:55:17,450 --> 00:55:14,170

because the corporations typically are

1266

00:55:21,510 --> 00:55:17,460

not the farmers the farmers are

1267

00:55:24,210 --> 00:55:21,520

typically individuals and they base it

1268

00:55:27,630 --> 00:55:24,220

off of what they think will happen and

1269

00:55:30,030 --> 00:55:27,640

most people are skeptical I mean there

1270

00:55:33,330 --> 00:55:30,040

there was a large movement by by

1271

00:55:36,570 --> 00:55:33,340

biodynamic farmers in Australia to

1272

00:55:39,270 --> 00:55:36,580

educate others so that was affected

1273

00:55:41,610 --> 00:55:39,280

there but most people are just they just

1274

00:55:44,430 --> 00:55:41,620

don't believe it will work they're

1275

00:55:46,200 --> 00:55:44,440

afraid of path there Fraser losing a

1276

00:55:48,420 --> 00:55:46,210

crop would destroy them because the way

1277

00:55:50,940 --> 00:55:48,430

we've got everything financed right now

1278

00:55:52,110 --> 00:55:50,950

and they have to have they have to be

1279

00:55:55,350 --> 00:55:52,120

able to make payments on all this

1280

00:55:57,570 --> 00:55:55,360

equipment people spray this stuff and if

1281

00:56:01,410 --> 00:55:57,580

it's really a wasteful wasteful system

1282

00:56:05,430 --> 00:56:01,420

and it's wasteful not just of material

1283

00:56:06,480 --> 00:56:05,440

resources of fuel but also it's human

1284

00:56:09,320 --> 00:56:06,490

life because a lot of

1285

00:56:13,380 --> 00:56:09,330

farmers if they do have a bad year and

1286

00:56:16,560 --> 00:56:13,390

increasingly even with the genetic you

1287

00:56:17,160 --> 00:56:16,570

know manipulation and the chemicals and

1288

00:56:19,890 --> 00:56:17,170

everything else

1289

00:56:21,750 --> 00:56:19,900

soil is becoming so depleted that there

1290

00:56:23,820 --> 00:56:21,760

are many more diseases that are cropping

1291

00:56:26,940 --> 00:56:23,830

up even with all that stuff and they

1292

00:56:32,340 --> 00:56:26,950

can't stop it is apps faster we can deal

1293

00:56:34,470 --> 00:56:32,350

with this point man and so to switch

1294

00:56:37,020 --> 00:56:34,480

gears a little bit here I'm always

1295

00:56:38,640 --> 00:56:37,030

interested in magic and the methods of

1296

00:56:40,350 --> 00:56:38,650

the Ancients and that's why Native

1297

00:56:43,470 --> 00:56:40,360

Americans are also so interesting

1298

00:56:45,120 --> 00:56:43,480

because they're still living fragments

1299

00:56:47,250 --> 00:56:45,130

of that way of life to some degree you

1300

00:56:49,050 --> 00:56:47,260

think the elders might know some of that

1301

00:56:51,600 --> 00:56:49,060

stuff still as opposed to other cultures

1302

00:56:52,980 --> 00:56:51,610

who are just completely gone and when it

1303

00:56:55,500 --> 00:56:52,990

comes to Native Americans probably the

1304

00:56:57,450 --> 00:56:55,510

most widely known ritual is the rain

1305

00:56:59,550 --> 00:56:57,460

dance and it's presented today as

1306

00:57:01,890 --> 00:56:59,560

superstition but you do seem to think

1307

00:57:05,390 --> 00:57:01,900

not only that it worked but you might

1308

00:57:08,400 --> 00:57:05,400

have some insights into how right yeah

1309

00:57:11,550 --> 00:57:08,410

so the rain dance basically what it was

1310

00:57:13,680 --> 00:57:11,560

was it was a ritual where a shaman and a

1311

00:57:16,790 --> 00:57:13,690

group of people with you know they dance

1312

00:57:20,359 --> 00:57:16,800

they go into a trance and they would be

1313

00:57:23,730 --> 00:57:20,369

trying to summon the forces of rain and

1314

00:57:27,570 --> 00:57:23,740

from the evidence of Wilhelm Reich with

1315

00:57:31,020 --> 00:57:27,580

his you know rain system that he

1316

00:57:33,690 --> 00:57:31,030

developed and also HAARP there is

1317

00:57:35,340 --> 00:57:33,700

evidence that that's possible and both

1318

00:57:37,230 --> 00:57:35,350

of those systems are using this

1319

00:57:41,070 --> 00:57:37,240

longitudinal energy as I'm talking about

1320

00:57:41,670 --> 00:57:41,080

yeah there's evidence from not just rain

1321

00:57:43,170 --> 00:57:41,680

dance

1322

00:57:46,380 --> 00:57:43,180

but also you know all these other

1323

00:57:48,480 --> 00:57:46,390

spiritual experiences that the human

1324

00:57:51,240 --> 00:57:48,490

body and the human mind is capable of

1325

00:57:53,490 --> 00:57:51,250

reproducing those effects reproducing

1326

00:57:56,580 --> 00:57:53,500

longitudinal waves creating what is

1327

00:57:58,820 --> 00:57:56,590

levitation effects creating effects that

1328

00:58:01,770 --> 00:57:58,830

could be counted for by normal

1329

00:58:04,849 --> 00:58:01,780

interactions and space times we think of

1330

00:58:08,430 --> 00:58:04,859

it and the way I think that happens is

1331

00:58:11,550 --> 00:58:08,440

you know I'd like to kind of go a bit

1332

00:58:15,300 --> 00:58:11,560

into the kind of chain of custody for

1333

00:58:17,490 --> 00:58:15,310

information so to speak mm-hmm so

1334

00:58:20,910 --> 00:58:17,500

we have our conscious mind which is the

1335

00:58:22,760 --> 00:58:20,920

mind that everybody thinks so and that's

1336

00:58:28,080 --> 00:58:22,770

kind of what they identifies themselves

1337

00:58:30,960 --> 00:58:28,090

right so it's the realm of ego and that

1338

00:58:33,600 --> 00:58:30,970

that would be kind of considered to be

1339

00:58:36,420 --> 00:58:33,610

you know the left half of your brain and

1340

00:58:38,010 --> 00:58:36,430

it's more of a serial system you think

1341

00:58:41,070 --> 00:58:38,020

about one thing at a time

1342

00:58:42,480 --> 00:58:41,080

plotting to the next thing and you think

1343

00:58:46,290 --> 00:58:42,490

that that's a very efficient way to

1344

00:58:48,060 --> 00:58:46,300

think most of the time but actually you

1345

00:58:50,880 --> 00:58:48,070

know I mean you cut this other side of

1346

00:58:53,250 --> 00:58:50,890

your brain the subconscious which is you

1347

00:58:54,990 --> 00:58:53,260

know mostly what people deal with in the

1348

00:58:57,090 --> 00:58:55,000

realm of dreams and things like that

1349

00:59:00,000 --> 00:58:57,100

it's the artistic mind if you're

1350

00:59:01,680 --> 00:59:00,010

artistic person and you deal a lot with

1351  
00:59:04,560 --> 00:59:01,690  
yours your right side of your mind

1352  
00:59:09,090 --> 00:59:04,570  
symbolism but relationships between

1353  
00:59:12,960 --> 00:59:09,100  
things that sort of a thing and then

1354  
00:59:15,360 --> 00:59:12,970  
there's the unconscious mind and the

1355  
00:59:18,270 --> 00:59:15,370  
conscious and the subconscious are kind

1356  
00:59:20,100 --> 00:59:18,280  
of they deal together through the corpus

1357  
00:59:22,170 --> 00:59:20,110  
callosum which is its connective tissue

1358  
00:59:26,610 --> 00:59:22,180  
between the two hemispheres of your head

1359  
00:59:29,850 --> 00:59:26,620  
and they also deal with the limbic

1360  
00:59:31,410 --> 00:59:29,860  
system in the spinal column in a limbic

1361  
00:59:36,290 --> 00:59:31,420  
system in the spinal column are

1362  
00:59:39,900 --> 00:59:36,300  
basically the unconscious mind and the

1363  
00:59:42,690 --> 00:59:39,910

left half is serial processing one thing

1364

00:59:45,420 --> 00:59:42,700

at a time the right half is parallel

1365

00:59:48,030 --> 00:59:45,430

processing which means that it processes

1366

00:59:50,850 --> 00:59:48,040

a lot of things at once like when your

1367

00:59:54,030 --> 00:59:50,860

subconscious is looking at something it

1368

00:59:56,190 --> 00:59:54,040

doesn't see any one thing specifically

1369

00:59:59,180 --> 00:59:56,200

looking at all the relationships between

1370

01:00:02,400 --> 00:59:59,190

everything it has a lot more bandwidth

1371

01:00:05,070 --> 01:00:02,410

but in terms of the operations that can

1372

01:00:07,410 --> 01:00:05,080

be your your your conscious mind is

1373

01:00:10,200 --> 01:00:07,420

capable of going methodically through a

1374

01:00:13,590 --> 01:00:10,210

lot of steps a lot of operations but

1375

01:00:15,960 --> 01:00:13,600

your subconscious mind is very limited

1376

01:00:18,510 --> 01:00:15,970

in the sorts of operations like you know

1377

01:00:20,250 --> 01:00:18,520

when you get dream imagery it's hard to

1378

01:00:22,800 --> 01:00:20,260

tell exactly what's being conveyed

1379

01:00:26,370 --> 01:00:22,810

because it's a very simple message but

1380

01:00:28,650 --> 01:00:26,380

it's conveyed symbolically so that's

1381

01:00:31,200 --> 01:00:28,660

kind of the dream to speak

1382

01:00:33,450 --> 01:00:31,210

from your subconscious is kind of hell

1383

01:00:35,400 --> 01:00:33,460

how we're usually interacted with by our

1384

01:00:39,020 --> 01:00:35,410

subconscious mind and then the

1385

01:00:41,370 --> 01:00:39,030

unconscious mind it feels more feelings

1386

01:00:44,310 --> 01:00:41,380

and your subconscious mind interprets

1387

01:00:47,520 --> 01:00:44,320

those feelings and pans them off to the

1388

01:00:51,900 --> 01:00:47,530

conscious mind moving in a symbolic form

1389

01:00:54,120 --> 01:00:51,910

and so the unconscious mind in your in

1390

01:00:58,130 --> 01:00:54,130

your limbic system in your spinal cord

1391

01:01:00,390 --> 01:00:58,140

the spinal cord is acting as the

1392

01:01:02,130 --> 01:01:00,400

receptive portion it's getting all this

1393

01:01:05,100 --> 01:01:02,140

information from your organs and things

1394

01:01:09,090 --> 01:01:05,110

like that the limbic system is acting

1395

01:01:11,430 --> 01:01:09,100

as the projecting portion is basically

1396

01:01:13,770 --> 01:01:11,440

releasing all these hormones and all

1397

01:01:15,510 --> 01:01:13,780

these regulators for your your synaptic

1398

01:01:18,450 --> 01:01:15,520

functions and things like that you're

1399

01:01:21,240 --> 01:01:18,460

different regulating compounds for your

1400

01:01:22,950 --> 01:01:21,250

organs and you know there's similar

1401  
01:01:26,370 --> 01:01:22,960  
effects with your conscious mind as well

1402  
01:01:29,100 --> 01:01:26,380  
the conscious mind the left-half your

1403  
01:01:32,280 --> 01:01:29,110  
brain is the more expressive the more

1404  
01:01:35,580 --> 01:01:32,290  
projecting portion and on your right

1405  
01:01:38,580 --> 01:01:35,590  
path your brain is constantly receiving

1406  
01:01:40,890 --> 01:01:38,590  
information so it's kind of male and

1407  
01:01:43,740 --> 01:01:40,900  
female aspect to your conscious and your

1408  
01:01:46,010 --> 01:01:43,750  
unconscious mind and I think what

1409  
01:01:49,710 --> 01:01:46,020  
happens is the unconscious mind is

1410  
01:01:51,690 --> 01:01:49,720  
actually interacting with all these

1411  
01:01:54,600 --> 01:01:51,700  
organs and things like that was acting

1412  
01:01:57,960 --> 01:01:54,610  
at a cellular level detecting a kind of

1413  
01:01:59,700 --> 01:01:57,970

a holistic level and I think that the

1414

01:02:02,940 --> 01:01:59,710

way that these longitudinal waves are

1415

01:02:05,640 --> 01:02:02,950

being generated is for the mitochondria

1416

01:02:08,190 --> 01:02:05,650

of our DNA and so when people are able

1417

01:02:12,630 --> 01:02:08,200

to go into these trance states they're

1418

01:02:15,870 --> 01:02:12,640

able to to convey information past the

1419

01:02:19,440 --> 01:02:15,880

subconscious mind to the unconscious

1420

01:02:23,340 --> 01:02:19,450

mind and they're able to open up a flow

1421

01:02:25,440 --> 01:02:23,350

of information there and so that's where

1422

01:02:27,420 --> 01:02:25,450

you get these trans states where they're

1423

01:02:29,130 --> 01:02:27,430

able to see things they can't see

1424

01:02:30,480 --> 01:02:29,140

otherwise because they're actually

1425

01:02:34,710 --> 01:02:30,490

connected through these longitudinal

1426

01:02:36,900 --> 01:02:34,720

ways to this other spiritual realm and

1427

01:02:38,310 --> 01:02:36,910

they're able to interact with it and

1428

01:02:40,050 --> 01:02:38,320

they're able to generate these effects

1429

01:02:41,200 --> 01:02:40,060

in our realm as well where you're able

1430

01:02:43,030 --> 01:02:41,210

to administer people

1431

01:02:45,820 --> 01:02:43,040

whether you're able to you know alter

1432

01:02:49,600 --> 01:02:45,830

the weight of a person the weight of

1433

01:02:52,570 --> 01:02:49,610

objects and telekinesis and all this all

1434

01:02:55,120 --> 01:02:52,580

this weird stuff yeah it seems to match

1435

01:02:58,540 --> 01:02:55,130

up with the effects of this longitudinal

1436

01:03:01,630 --> 01:02:58,550

energy that's well I think basically the

1437

01:03:03,630 --> 01:03:01,640

chain of custody and the last chain

1438

01:03:06,190 --> 01:03:03,640

there that you have a link between the

1439

01:03:09,610 --> 01:03:06,200

cellular and the and the unconscious

1440

01:03:16,320 --> 01:03:09,620

mind that's kind of been developed by

1441

01:03:21,040 --> 01:03:16,330

this fellow named Stuart Hameroff okay

1442

01:03:23,470 --> 01:03:21,050

Stuart and Ralph is a professor of these

1443

01:03:25,000 --> 01:03:23,480

an anesthesiologist and a professor at

1444

01:03:29,470 --> 01:03:25,010

the University of Arizona

1445

01:03:30,730 --> 01:03:29,480

he basically developed a theory where he

1446

01:03:34,480 --> 01:03:30,740

felt that there was there was a

1447

01:03:38,770 --> 01:03:34,490

mechanism for cells to interact on a

1448

01:03:40,960 --> 01:03:38,780

quantum level and that seems to have

1449

01:03:45,250 --> 01:03:40,970

been demonstrated by some of the

1450

01:03:48,220 --> 01:03:45,260

research that was presented in some

1451  
01:03:49,330 --> 01:03:48,230  
google talks on quantum biology where

1452  
01:03:51,790 --> 01:03:49,340  
they're talking about how there's

1453  
01:03:54,730 --> 01:03:51,800  
actually quantum states that are being

1454  
01:03:57,220 --> 01:03:54,740  
imposed on the microtubules of ourselves

1455  
01:03:59,140 --> 01:03:57,230  
as they're operating and the

1456  
01:04:01,870 --> 01:03:59,150  
microtubules of the cells are basically

1457  
01:04:03,580 --> 01:04:01,880  
the nervous system of the cell so if

1458  
01:04:05,470 --> 01:04:03,590  
there's quantum information there that

1459  
01:04:08,350 --> 01:04:05,480  
means that you're able to interact at an

1460  
01:04:11,230 --> 01:04:08,360  
on local level you're interacting with

1461  
01:04:13,780 --> 01:04:11,240  
an automotive field and you're able to

1462  
01:04:15,370 --> 01:04:13,790  
transmit information instantaneously and

1463  
01:04:16,900 --> 01:04:15,380

all this other stuff but I think that

1464

01:04:18,820 --> 01:04:16,910

you know what we call quantum is

1465

01:04:22,570 --> 01:04:18,830

actually kind of be after-effects of

1466

01:04:23,430 --> 01:04:22,580

this longitudinal zarok energy so that

1467

01:04:26,500 --> 01:04:23,440

makes sense

1468

01:04:28,540 --> 01:04:26,510

wow man well I have a lot of new

1469

01:04:30,190 --> 01:04:28,550

information I love it I really

1470

01:04:33,190 --> 01:04:30,200

appreciate you bringing this stuff to

1471

01:04:36,130 --> 01:04:33,200

light I really like your alchemical

1472

01:04:37,480 --> 01:04:36,140

tie-in approach and breaking it up by

1473

01:04:40,900 --> 01:04:37,490

the elements because I think that's just

1474

01:04:42,280 --> 01:04:40,910

a great way to categorize these things I

1475

01:04:43,480 --> 01:04:42,290

mean it's just a fun way to do it I

1476

01:04:46,000 --> 01:04:43,490

think it makes a lot of sense for people

1477

01:04:47,890 --> 01:04:46,010

it's easily approachable I really like

1478

01:04:50,970 --> 01:04:47,900

today is especially with examples like

1479

01:04:53,020 --> 01:04:50,980

the thin horn garden and biodynamic

1480

01:04:55,160 --> 01:04:53,030

agriculture that stuff's pretty

1481

01:04:56,539 --> 01:04:55,170

interesting and even else too

1482

01:05:00,589 --> 01:04:56,549

drop on the people before I cut you

1483

01:05:04,789 --> 01:05:00,599

loose no not really I mean it's great to

1484

01:05:08,660 --> 01:05:04,799

be on a go ways and I just want to be

1485

01:05:12,380 --> 01:05:08,670

able to kind of tie the ether physics

1486

01:05:16,130 --> 01:05:12,390

outlook into other aspects of you know

1487

01:05:19,520 --> 01:05:16,140

life and just kind of seeing how it

1488

01:05:22,309 --> 01:05:19,530

filters through these other weird topic

1489

01:05:25,250 --> 01:05:22,319

yeah you know these other things that

1490

01:05:28,250 --> 01:05:25,260

otherwise inexplicable because there's

1491

01:05:30,920 --> 01:05:28,260

no theory to kind of shine a light on to

1492

01:05:34,130 --> 01:05:30,930

it I think that as I started to research

1493

01:05:37,069 --> 01:05:34,140

ether Theory I think that it has a lot

1494

01:05:40,640 --> 01:05:37,079

of strong points to support things that

1495

01:05:42,289 --> 01:05:40,650

otherwise are inexplicable and so I you

1496

01:05:44,299 --> 01:05:42,299

know it's really great to have a

1497

01:05:46,730 --> 01:05:44,309

platform like your shows be able to talk

1498

01:05:48,559 --> 01:05:46,740

about this stuff and kind of get it out

1499

01:05:52,849 --> 01:05:48,569

there you know one of the things that

1500

01:05:55,730 --> 01:05:52,859

Rudolf Steiner says you can do research

1501

01:05:58,460 --> 01:05:55,740

and things for yourself but once you do

1502

01:06:00,740 --> 01:05:58,470

it's kind of your responsibility to get

1503

01:06:02,359 --> 01:06:00,750

it out there and let other people know

1504

01:06:05,510 --> 01:06:02,369

about it so that's kind of what I'm

1505

01:06:07,579 --> 01:06:05,520

trying to do is just you know I've been

1506

01:06:10,160 --> 01:06:07,589

doing this research for a while I

1507

01:06:12,470 --> 01:06:10,170

started to make some big big connection

1508

01:06:14,120 --> 01:06:12,480

but I think and I just want to get it

1509

01:06:17,450 --> 01:06:14,130

out there so that other people can

1510

01:06:18,380 --> 01:06:17,460

benefit from it and I feel like it's my

1511

01:06:21,589 --> 01:06:18,390

responsibility

1512

01:06:22,819 --> 01:06:21,599

yeah well said and it is a very unique

1513

01:06:25,609 --> 01:06:22,829

approach I think you're doing great

1514

01:06:27,770 --> 01:06:25,619

stuff and I appreciate being thought of

1515

01:06:30,620 --> 01:06:27,780

is a great place to walk through it so

1516

01:06:33,799 --> 01:06:30,630

definitely hit up have a good one

1517

01:06:36,470 --> 01:06:33,809

and we'll talk soon okay good one all

1518

01:06:39,260 --> 01:06:36,480

right man all right people there we have

1519

01:06:41,030 --> 01:06:39,270

it the triumphant return of the Shema

1520

01:06:44,210 --> 01:06:41,040

engineer I really love the show

1521

01:06:45,680 --> 01:06:44,220

especially as it got going 20 30 40

1522

01:06:48,260 --> 01:06:45,690

minutes in because I think a lot of the

1523

01:06:50,599 --> 01:06:48,270

stuff starts to click around that point

1524

01:06:53,030 --> 01:06:50,609

but the fact that show Mangia near has

1525

01:06:55,819 --> 01:06:53,040

researched so many bright forgotten

1526

01:06:57,589 --> 01:06:55,829

minds know so much about ether physics

1527

01:06:59,870 --> 01:06:57,599

and is able to apply that template

1528

01:07:02,480 --> 01:06:59,880

pretty effortlessly in multiple areas is

1529

01:07:04,400 --> 01:07:02,490

really impressive to me and I do feel

1530

01:07:06,740 --> 01:07:04,410

lucky to have them as a recurring guest

1531

01:07:08,339 --> 01:07:06,750

for the ether physics perspective

1532

01:07:10,920 --> 01:07:08,349

because I don't want to

1533

01:07:12,539 --> 01:07:10,930

follow conspiratorial trends you know if

1534

01:07:14,999 --> 01:07:12,549

something big happens yeah we'll talk

1535

01:07:17,460 --> 01:07:15,009

about it but I'd rather get into content

1536

01:07:19,979 --> 01:07:17,470

that I rarely ever hear about but still

1537

01:07:22,200 --> 01:07:19,989

sounds like it makes sense this is one

1538

01:07:23,969 --> 01:07:22,210

of those shows for me maybe Native

1539

01:07:25,829 --> 01:07:23,979

American permaculture practices

1540

01:07:27,420 --> 01:07:25,839

landscape management and engineered

1541

01:07:30,299 --> 01:07:27,430

abundance aren't the most mind-blowing

1542

01:07:32,640 --> 01:07:30,309

topics to everyone but isn't it sort of

1543

01:07:34,349 --> 01:07:32,650

fun to visualize a completely different

1544

01:07:37,319 --> 01:07:34,359

way of living and to consider they're

1545

01:07:39,450 --> 01:07:37,329

highly effective processes in comparison

1546

01:07:41,489 --> 01:07:39,460

to corporate factory farms and all the

1547

01:07:43,079 --> 01:07:41,499

waste along the way I've heard people

1548

01:07:45,299 --> 01:07:43,089

say that one of the biggest crimes

1549

01:07:47,219 --> 01:07:45,309

against humanity the elite polled in the

1550

01:07:49,859 --> 01:07:47,229

last century was driving us into

1551  
01:07:51,690 --> 01:07:49,869  
agricultural ignorance that when we lost

1552  
01:07:53,969 --> 01:07:51,700  
the ability and knowledge to feed

1553  
01:07:56,339 --> 01:07:53,979  
ourselves we lost everything

1554  
01:07:58,710 --> 01:07:56,349  
if you've ever just had a few fruit

1555  
01:08:00,900 --> 01:07:58,720  
trees on your property it is crazy how

1556  
01:08:03,210 --> 01:08:00,910  
much they yield but many of us have been

1557  
01:08:06,599 --> 01:08:03,220  
so economically Fox that we can't afford

1558  
01:08:08,759 --> 01:08:06,609  
land for a couple fruit trees a show

1559  
01:08:10,769 --> 01:08:08,769  
like this does make me consider moving

1560  
01:08:13,739 --> 01:08:10,779  
back to the Midwest find some secluded

1561  
01:08:15,630 --> 01:08:13,749  
acreage the Midwest being the only place

1562  
01:08:17,220 --> 01:08:15,640  
I could afford to do that and then

1563  
01:08:19,499 --> 01:08:17,230

trying to resurrect from these old

1564

01:08:22,950 --> 01:08:19,509

practices create Carl wood gardens and

1565

01:08:24,809 --> 01:08:22,960

get my alchemy on it's an idea but maybe

1566

01:08:26,640 --> 01:08:24,819

some of these topics were inspiring to

1567

01:08:29,160 --> 01:08:26,650

anyone looking to get off the grid or

1568

01:08:31,280 --> 01:08:29,170

work towards a sustainable lifestyle

1569

01:08:33,689 --> 01:08:31,290

you might try some of these lost arts

1570

01:08:36,089 --> 01:08:33,699

it's funny because a big theme on the

1571

01:08:38,370 --> 01:08:36,099

higher side a few months ago was the

1572

01:08:40,919 --> 01:08:38,380

realms of secret science or hidden

1573

01:08:44,309 --> 01:08:40,929

physics and some people sort of explain

1574

01:08:47,129 --> 01:08:44,319

it with torsion and counter rotation but

1575

01:08:49,410 --> 01:08:47,139

either physics really unlocks a lot more

1576

01:08:51,990 --> 01:08:49,420

it also explains the alchemy concept way

1577

01:08:54,539 --> 01:08:52,000

better than it being just an analogy for

1578

01:08:56,669 --> 01:08:54,549

the spiritual path of enlightenment I do

1579

01:08:58,559 --> 01:08:56,679

kind of think putting it in that box is

1580

01:09:00,300 --> 01:08:58,569

a way of saying well I don't understand

1581

01:09:03,120 --> 01:09:00,310

that so I'm just going to say it was all

1582

01:09:05,329 --> 01:09:03,130

symbolic and metaphorical and I'm sure

1583

01:09:08,249 --> 01:09:05,339

it can be that but I think the real

1584

01:09:10,079 --> 01:09:08,259

alchemical science creates the basis for

1585

01:09:12,169 --> 01:09:10,089

there to be analogies about the

1586

01:09:15,019 --> 01:09:12,179

spiritual path not that it's primarily

1587

01:09:16,999 --> 01:09:15,029

metaphoric if that makes sense

1588

01:09:19,010 --> 01:09:17,009

either way I hope you liked this one

1589

01:09:20,539 --> 01:09:19,020

hopefully we didn't get too deeply under

1590

01:09:22,849 --> 01:09:20,549

the skin of listeners who have been

1591

01:09:25,099 --> 01:09:22,859

swept away in that alt-right crowd I

1592

01:09:27,890 --> 01:09:25,109

know that comes up mainly in the Plus

1593

01:09:30,289 --> 01:09:27,900

show that stuff but still it used to be

1594

01:09:31,729 --> 01:09:30,299

completely non-controversial to talk

1595

01:09:33,740 --> 01:09:31,739

about all the damage death and

1596

01:09:35,390 --> 01:09:33,750

destruction that came with European

1597

01:09:37,519 --> 01:09:35,400

expansion and the Inquisition and the

1598

01:09:40,370 --> 01:09:37,529

Nexus of royalty and the papacy and

1599

01:09:42,079 --> 01:09:40,380

their various conquests but you know how

1600

01:09:43,729 --> 01:09:42,089

like you can talk [h\_\_h] about your

1601  
01:09:45,349 --> 01:09:43,739  
alcoholic brother and it's no big deal

1602  
01:09:48,680 --> 01:09:45,359  
but when someone else does it it's like

1603  
01:09:51,529 --> 01:09:48,690  
whoa now dude a that is my family you're

1604  
01:09:54,709 --> 01:09:51,539  
talking about there seems to be this new

1605  
01:09:56,959 --> 01:09:54,719  
attitude about European ancestors at

1606  
01:09:59,060 --> 01:09:56,969  
least around me we're talking about

1607  
01:10:01,970 --> 01:09:59,070  
their crimes is kind of like talking

1608  
01:10:03,979 --> 01:10:01,980  
[h\_\_\h] on my people bro I don't know it's

1609  
01:10:06,140 --> 01:10:03,989  
a weird type of thing that I've been

1610  
01:10:08,600 --> 01:10:06,150  
seeing lately that's all

1611  
01:10:10,910 --> 01:10:08,610  
one positive semi-related thing I did

1612  
01:10:12,770 --> 01:10:10,920  
here the other day was in reference to

1613  
01:10:14,390 --> 01:10:12,780

the Grand Canyon if you've ever been

1614

01:10:16,669 --> 01:10:14,400

there it's awesome it's pretty

1615

01:10:19,040 --> 01:10:16,679

underdeveloped fairly undisturbed and

1616

01:10:21,470 --> 01:10:19,050

the story goes that a lot of folks

1617

01:10:23,870 --> 01:10:21,480

wanted to move in and put casinos and

1618

01:10:26,600 --> 01:10:23,880

hotels and resorts all along the ridges

1619

01:10:28,640 --> 01:10:26,610

of course they did and Roosevelt came in

1620

01:10:31,640 --> 01:10:28,650

and said no we got to preserve this

1621

01:10:33,979 --> 01:10:31,650

place in fact the quote is pretty well

1622

01:10:37,280 --> 01:10:33,989

known I think but what he actually said

1623

01:10:39,310 --> 01:10:37,290

was in the Grand Canyon Arizona has a

1624

01:10:41,600 --> 01:10:39,320

natural wonder which is in kind

1625

01:10:43,729 --> 01:10:41,610

absolutely unparalleled throughout the

1626

01:10:45,979 --> 01:10:43,739

rest of the world I want to ask you to

1627

01:10:48,709 --> 01:10:45,989

keep this great wonder of nature as it

1628

01:10:50,839 --> 01:10:48,719

now is I hope you will not have a

1629

01:10:53,270 --> 01:10:50,849

building of any kind not a summer

1630

01:10:55,550 --> 01:10:53,280

cottage a hotel or anything else to Mar

1631

01:10:57,830 --> 01:10:55,560

the wonderful grandeur the great

1632

01:11:01,310 --> 01:10:57,840

loneliness and beauty of the Canyon

1633

01:11:03,770 --> 01:11:01,320

leave it as it is you cannot improve on

1634

01:11:07,399 --> 01:11:03,780

it the ages have been at work on it and

1635

01:11:09,530 --> 01:11:07,409

man can only Mar it and that is amazing

1636

01:11:12,879 --> 01:11:09,540

really I only wish it applied to a few

1637

01:11:15,169 --> 01:11:12,889

other locations in our system in general

1638

01:11:17,479 --> 01:11:15,179

Native Americans probably didn't have it

1639

01:11:19,629 --> 01:11:17,489

perfect but can you imagine Western

1640

01:11:23,959 --> 01:11:19,639

masonry and technological and industrial

1641

01:11:26,959 --> 01:11:23,969

engineer oh boy land closed-circuit

1642

01:11:28,879 --> 01:11:26,969

electric and the Tesla's and the reich's

1643

01:11:30,620 --> 01:11:28,889

and the Thomas towns that browns were

1644

01:11:33,830 --> 01:11:30,630

actually maximized to their fullest

1645

01:11:36,020 --> 01:11:33,840

potential imagine all that merging with

1646

01:11:37,550 --> 01:11:36,030

a synergistic relationship with the

1647

01:11:39,500 --> 01:11:37,560

earth and environment engineered

1648

01:11:42,890 --> 01:11:39,510

abundance and a society embedded in

1649

01:11:44,839 --> 01:11:42,900

nature rather than paving over it and of

1650

01:11:46,910 --> 01:11:44,849

course a full exploration and

1651  
01:11:49,669 --> 01:11:46,920  
implementation of the suppressed Natural

1652  
01:11:52,220 --> 01:11:49,679  
Sciences in either physics if we'd only

1653  
01:11:54,439 --> 01:11:52,230  
just step back and assess the best

1654  
01:11:56,600 --> 01:11:54,449  
elements of everything and remove the

1655  
01:11:58,910 --> 01:11:56,610  
roadblocks like the rockefeller oil only

1656  
01:12:01,939 --> 01:11:58,920  
policy and [h\_\_h] it let's go for the gold

1657  
01:12:04,280 --> 01:12:01,949  
a fiat currency clad debt based system

1658  
01:12:07,459 --> 01:12:04,290  
of rule imagine what life could really

1659  
01:12:10,160 --> 01:12:07,469  
be like imagine if we could somehow

1660  
01:12:13,310 --> 01:12:10,170  
manage to implement those just five or

1661  
01:12:16,250 --> 01:12:13,320  
six tweaks it'd be different [h\_\_h]

1662  
01:12:17,630 --> 01:12:16,260  
world guys it really would

1663  
01:12:19,490 --> 01:12:17,640

and that's why we explore these things

1664

01:12:21,140 --> 01:12:19,500

you want to get an accurate idea of the

1665

01:12:23,120 --> 01:12:21,150

playing field and how it's been worked

1666

01:12:25,160 --> 01:12:23,130

against you not so you can have an

1667

01:12:27,860 --> 01:12:25,170

excuse for your mediocre life and

1668

01:12:29,810 --> 01:12:27,870

pointless cog in a wheel job some people

1669

01:12:31,940 --> 01:12:29,820

do think that way oh well the school

1670

01:12:33,710 --> 01:12:31,950

system [h\_\_h] me the rockefellers [h\_\_h]

1671

01:12:36,860 --> 01:12:33,720

me and so that's why I work at White

1672

01:12:38,810 --> 01:12:36,870

Castle and why even try no it isn't

1673

01:12:41,030 --> 01:12:38,820

about that it is about getting a handle

1674

01:12:43,100 --> 01:12:41,040

on the landscape so you can navigate it

1675

01:12:44,750 --> 01:12:43,110

better and escape those traps and dig

1676

01:12:46,040 --> 01:12:44,760

out of all those carefully crafted

1677

01:12:49,100 --> 01:12:46,050

trenches you can spend a lifetime

1678

01:12:50,840 --> 01:12:49,110

trudging through it's not a fair system

1679

01:12:53,870 --> 01:12:50,850

but we do want to look at it honestly

1680

01:12:55,700 --> 01:12:53,880

don't we a bit of a tangent but that's

1681

01:12:57,440 --> 01:12:55,710

just one question I get a lot people say

1682

01:12:59,860 --> 01:12:57,450

how do you handle it do you ever get

1683

01:13:03,920 --> 01:12:59,870

defeated or depressed how do you go on

1684

01:13:05,660 --> 01:13:03,930

well I go on because [h\_\_\h] them quitting

1685

01:13:07,610 --> 01:13:05,670

the job they wanted me to have and

1686

01:13:09,260 --> 01:13:07,620

instead making a career out of exploring

1687

01:13:11,810 --> 01:13:09,270

things they've swept under the rug or

1688

01:13:14,150 --> 01:13:11,820

tried to suppress or lied about has been

1689

01:13:16,040 --> 01:13:14,160

pretty [h\_\_h] lucrative for me so I

1690

01:13:18,260 --> 01:13:16,050

guess I should thank them for giving me

1691

01:13:20,570 --> 01:13:18,270

so much material and regulating their

1692

01:13:22,820 --> 01:13:20,580

airwaves to things like Downton Abbey

1693

01:13:25,430 --> 01:13:22,830

and Dance Moms but what does that have

1694

01:13:27,230 --> 01:13:25,440

to do with anything bring it back if you

1695

01:13:29,620 --> 01:13:27,240

like the first hour here and the second

1696

01:13:32,270 --> 01:13:29,630

hour sure Mangia near breaks down our

1697

01:13:34,370 --> 01:13:32,280

galactic positioning and magic ability

1698

01:13:37,400 --> 01:13:34,380

the black crow and the stages of the

1699

01:13:39,800 --> 01:13:37,410

Philosopher's Stone anti-aging studies

1700

01:13:41,990 --> 01:13:39,810

in the alchemy connection Egypt's

1701

01:13:44,630 --> 01:13:42,000

alchemy and life extension the different

1702

01:13:45,980 --> 01:13:44,640

philosophies of survival and then of

1703

01:13:48,380 --> 01:13:45,990

course the alt-right movement

1704

01:13:50,270 --> 01:13:48,390

nationalism and this whole thing being a

1705

01:13:53,360 --> 01:13:50,280

product of the Beach State the strategy

1706

01:13:56,000 --> 01:13:53,370

of tension and I agree with a lot of his

1707

01:13:58,880 --> 01:13:56,010

points in that area that's why I say you

1708

01:14:01,730 --> 01:13:58,890

can't get invested in either side and we

1709

01:14:04,490 --> 01:14:01,740

talked about early American pretty

1710

01:14:06,650 --> 01:14:04,500

fringe interesting archaeological

1711

01:14:08,660 --> 01:14:06,660

discoveries that don't fit the official

1712

01:14:11,120 --> 01:14:08,670

narrative things like pyramids in the

1713

01:14:13,280 --> 01:14:11,130

## Grand Canyon on earth Jesuit artifacts

1714

01:14:15,560 --> 01:14:13,290

all fun stuff so when we're talking

1715

01:14:18,020 --> 01:14:15,570

about the geopolitical landscape and

1716

01:14:20,450 --> 01:14:18,030

Shema engineer says something like those

1717

01:14:21,350 --> 01:14:20,460

Muslim laws they're going to be coming

1718

01:14:23,150 --> 01:14:21,360

out at some point

1719

01:14:25,730 --> 01:14:23,160

I should give him a little extra credit

1720

01:14:28,490 --> 01:14:25,740

because he said that before the travel

1721

01:14:29,720 --> 01:14:28,500

ban controversy we recorded this a

1722

01:14:31,100 --> 01:14:29,730

little before then and you

1723

01:14:33,680 --> 01:14:31,110

can say that some of that applied for

1724

01:14:35,570 --> 01:14:33,690

sure I just wanted to throw that out

1725

01:14:37,589 --> 01:14:35,580

there without having much else to say

1726

01:14:39,120 --> 01:14:37,599

about any of that stuff

1727

01:14:40,680 --> 01:14:39,130

because he should get a gold star for

1728

01:14:43,080 --> 01:14:40,690

that but don't get too attached to any

1729

01:14:44,669 --> 01:14:43,090

particular worldview I would say and if

1730

01:14:46,950 --> 01:14:44,679

everyone around you starts having the

1731

01:14:48,990 --> 01:14:46,960

same ideas maybe rethink where you're

1732

01:14:52,169 --> 01:14:49,000

getting them which goes for everyone

1733

01:14:55,109 --> 01:14:52,179

including me that said I love you guys

1734

01:14:57,359 --> 01:14:55,119

I'm just a simple stoner dropout not

1735

01:14:59,550 --> 01:14:57,369

really an expert in anything but I do

1736

01:15:01,109 --> 01:14:59,560

know some people who are so thanks for

1737

01:15:03,600 --> 01:15:01,119

listening follow your dreams and keep

1738

01:15:06,149 --> 01:15:03,610

your pimp and strong I've done my part

1739

01:15:07,830 --> 01:15:06,159

your move secret science suppressors and

1740

01:15:09,720 --> 01:15:07,840

dizziness knowledge destroyers and

1741

01:15:13,810 --> 01:15:09,730

agents of the alchemical foreign teams

1742

01:15:19,610 --> 01:15:17,000

lose the dreams are so vivid because you

1743

01:15:22,790 --> 01:15:19,620

go to bed at 7:00 and your brain comes

1744

01:15:25,520 --> 01:15:22,800

alive because uhm nine to five you wake

1745

01:15:28,190 --> 01:15:25,530

up with a dread and make sure your cat's

1746

01:15:29,960 --> 01:15:28,200

bed did your brain talk to ghosts you

1747

01:15:33,250 --> 01:15:29,970

moved your coffee and a toast

1748

01:15:36,710 --> 01:15:33,260

as you listen to the higher side chat

1749

01:15:39,290 --> 01:15:36,720

you can't see you dust and your bosses

1750

01:15:41,990 --> 01:15:39,300

it's a mess and your soul slowly girls

1751

01:15:44,660 --> 01:15:42,000

to a place when nothing gross when you

1752

01:15:49,160 --> 01:15:44,670

think he's not around you insert a study

1753

01:15:53,320 --> 01:15:49,170

sound the Oh whimpers turn it down and

1754

01:15:56,260 --> 01:15:53,330

you say it's just a higher side chat oh

1755

01:16:01,280 --> 01:15:56,270

do you think you'd be invited to

1756

01:16:05,810 --> 01:16:01,290

Bohemian Grove to the DeBerg club oh do

1757

01:16:11,580 --> 01:16:05,820

you think you'd be invited by Rasta to a

1758

01:16:14,640 --> 01:16:11,590

party on a submarine diving down

1759

01:16:17,580 --> 01:16:14,650

to the center of the earth to the

1760

01:16:21,810 --> 01:16:17,590

Marianas Trench if teeth begin to clench

1761

01:16:26,340 --> 01:16:21,820

from the sulphureous stench the mask you

1762

01:16:32,100 --> 01:16:26,350

give in doesn't fit because you lost one

1763

01:16:34,680 --> 01:16:32,110

of them starting today you'll make plans

1764

01:16:37,410 --> 01:16:34,690

to get away there's no one to hold you

1765

01:16:40,470 --> 01:16:37,420

down and the waters start to drown then

1766

01:16:43,080 --> 01:16:40,480

you wake to the glare of a Coco resin

1767

01:16:45,240 --> 01:16:43,090

stare and the light winks at you because

1768

01:16:47,900 --> 01:16:45,250

its life is almost through but it's

1769

01:16:51,950 --> 01:16:47,910

holding down to quit time just like you