



THE OUTER SPACE CONNECTION

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1
00:00:06,789 --> 00:00:04,390
the motion picture you're about to see

2
00:00:13,190 --> 00:00:06,799
was filmed by four teams of cameramen in

3
00:00:17,189 --> 00:00:15,030
scientists representing more than 40

4
00:00:19,029 --> 00:00:17,199
museums and research centers took part

5
00:00:21,429 --> 00:00:19,039
in the explorations

6
00:00:23,509 --> 00:00:21,439
there are no actors in the film every

7
00:00:25,109 --> 00:00:23,519
location is real

8
00:00:26,550 --> 00:00:25,119
the facts that will be presented are

9
00:00:28,550 --> 00:00:26,560
true

10
00:00:29,990 --> 00:00:28,560
this may be the most startling and

11
00:00:56,830 --> 00:00:30,000
controversial film

12
00:00:56,840 --> 00:01:10,830
uh

13
00:01:42,789 --> 00:01:40,469

is this is be

14

00:01:44,469 --> 00:01:42,799

they have been to earth and left their

15

00:01:53,510 --> 00:01:44,479

mark in many ways

16

00:01:58,630 --> 00:01:56,469

figures etched on the plane of nazca

17

00:02:00,310 --> 00:01:58,640

tell a story of explorers from outer

18

00:02:03,749 --> 00:02:00,320

space

19

00:02:07,030 --> 00:02:03,759

the secret of the story has been learned

20

00:02:09,109 --> 00:02:07,040

the visitors have been here

21

00:02:10,150 --> 00:02:09,119

they have been described in many ways by

22

00:02:12,070 --> 00:02:10,160

many men

23

00:02:13,270 --> 00:02:12,080

from primitive drawings to detailed

24

00:02:15,030 --> 00:02:13,280

histories

25

00:02:17,180 --> 00:02:15,040

since the beginning of man's stay on

26

00:02:19,510 --> 00:02:17,190

earth until this day

27

00:02:22,229 --> 00:02:19,520

[Music]

28

00:02:23,910 --> 00:02:22,239

in the andean mountains of south america

29

00:02:26,710 --> 00:02:23,920

and the deserts of egypt

30

00:02:28,070 --> 00:02:26,720

in the temples of india on islands in

31

00:02:37,600 --> 00:02:28,080

the caribbean

32

00:02:39,830 --> 00:02:37,610

the evidence is clear

33

00:02:41,750 --> 00:02:39,840

[Music]

34

00:02:44,309 --> 00:02:41,760

the record of visits dates back more

35

00:02:46,470 --> 00:02:44,319

than 500 centuries

36

00:02:55,589 --> 00:02:46,480

the observations of the planet continue

37

00:02:59,350 --> 00:02:57,190

monuments to the visitors that were

38

00:03:00,470 --> 00:02:59,360

created thousands of years ago have been

39

00:03:02,309 --> 00:03:00,480

found

40

00:03:13,590 --> 00:03:02,319

they are tributes to the gifts brought

41

00:03:28,789 --> 00:03:20,190

[Music]

42

00:03:32,149 --> 00:03:31,030

what has been unexplainable can now be

43

00:03:34,229 --> 00:03:32,159

explained

44

00:03:36,149 --> 00:03:34,239

the brief glimpses of visitors provide a

45

00:03:47,110 --> 00:03:36,159

clue to their purpose and the reason for

46

00:03:49,350 --> 00:03:47,120

their coming

47

00:03:52,120 --> 00:03:49,360

every law of probability proves that

48

00:03:53,910 --> 00:03:52,130

other life exists in the universe

49

00:03:55,910 --> 00:03:53,920

[Music]

50

00:03:57,509 --> 00:03:55,920

it is now possible to understand how

51
00:04:00,070 --> 00:03:57,519
life could have been transported to

52
00:04:02,229 --> 00:04:00,080
earth from some distant planet

53
00:04:19,440 --> 00:04:02,239
it is now possible to understand how we

54
00:04:19,450 --> 00:04:26,830
[Music]

55
00:04:26,840 --> 00:04:36,550
okay

56
00:04:41,350 --> 00:04:39,189
a remarkable prophecy etched in stone

57
00:04:45,030 --> 00:04:41,360
predicts the year and the day on which

58
00:05:04,710 --> 00:04:47,430
will we be prepared for the moment that

59
00:05:09,430 --> 00:05:07,830
to travel successfully in deep space man

60
00:05:10,870 --> 00:05:09,440
would have to hold the secret of his

61
00:05:12,100 --> 00:05:10,880
most precious dream

62
00:05:14,950 --> 00:05:12,110
immortality

63
00:05:17,270 --> 00:05:14,960

[Music]

64

00:05:19,590 --> 00:05:17,280

distances are so vast that the spark of

65

00:05:21,830 --> 00:05:19,600

life must burn for eons to assure the

66

00:05:25,440 --> 00:05:21,840

successful transport of life from one

67

00:05:27,990 --> 00:05:25,450

galaxy to another

68

00:05:30,310 --> 00:05:28,000

[Music]

69

00:05:33,270 --> 00:05:30,320

in ancient crypts it is possible to find

70

00:05:35,430 --> 00:05:33,280

suggestions that the secret was known

71

00:05:40,950 --> 00:05:35,440

that a process of sustaining life was

72

00:05:45,590 --> 00:05:43,749

x-rays of mummies thousands of years old

73

00:05:47,029 --> 00:05:45,600

indicate that they were encased at very

74

00:05:54,310 --> 00:05:47,039

young ages

75

00:05:59,189 --> 00:05:56,870

strangely the hand of one mummy still

76
00:06:01,510 --> 00:05:59,199
shows the traces of a fire that burns

77
00:06:17,100 --> 00:06:01,520
brightly in all living things

78
00:06:17,110 --> 00:06:20,469
[Music]

79
00:06:23,990 --> 00:06:22,629
you were witnessing this strange as yet

80
00:06:26,950 --> 00:06:24,000
unexplained event

81
00:06:29,110 --> 00:06:26,960
called the krillian effect its presence

82
00:06:32,830 --> 00:06:29,120
has been suspected for years

83
00:06:41,749 --> 00:06:32,840
only recently could the living spark be

84
00:06:45,430 --> 00:06:44,070
fingertips and all living things

85
00:06:47,990 --> 00:06:45,440
generate a dynamic

86
00:06:50,629 --> 00:06:48,000
constantly changing aura that sometimes

87
00:06:52,629 --> 00:06:50,639
sparks and leaps like a flame

88
00:06:53,760 --> 00:06:52,639

how it works is something we simply do

89

00:06:56,870 --> 00:06:53,770

not know

90

00:06:59,909 --> 00:06:56,880

[Music]

91

00:07:00,790 --> 00:06:59,919

at ucla dr thelma moss explores the

92

00:07:03,990 --> 00:07:00,800

strange world

93

00:07:07,189 --> 00:07:05,189

let's say that there are about six

94

00:07:09,110 --> 00:07:07,199

different words that we can describe for

95

00:07:10,790 --> 00:07:09,120

this effect depending on who you are if

96

00:07:13,589 --> 00:07:10,800

you are a conventional physicist

97

00:07:14,230 --> 00:07:13,599

you will call it a corona discharge and

98

00:07:17,350 --> 00:07:14,240

that means

99

00:07:17,670 --> 00:07:17,360

it's an electrical emanation caused by

100

00:07:25,430 --> 00:07:17,680

the

101
00:07:27,749 --> 00:07:25,440
international

102
00:07:29,029 --> 00:07:27,759
team of scientists plunged their drills

103
00:07:31,749 --> 00:07:29,039
deep beneath the surface of the

104
00:07:33,749 --> 00:07:31,759
antarctic continent

105
00:07:41,390 --> 00:07:33,759
the goal was to probe the geologic

106
00:07:45,510 --> 00:07:44,550
420 feet beneath the surface of mcmurdo

107
00:07:53,110 --> 00:07:45,520
station

108
00:07:56,230 --> 00:07:54,950
in a pinch of earth from the antarctic

109
00:07:58,629 --> 00:07:56,240
depths dr

110
00:08:00,390 --> 00:07:58,639
cameron has found what is unquestionably

111
00:08:14,950 --> 00:08:00,400
the oldest living thing

112
00:08:19,670 --> 00:08:17,510
after spending millennia freeze-dried in

113
00:08:22,150 --> 00:08:19,680

the cold rocks of antarctica

114

00:08:28,710 --> 00:08:22,160

a colony of bacteria have reawakened in

115

00:08:34,070 --> 00:08:30,790

the rocks from which they have come may

116

00:08:36,310 --> 00:08:34,080

be as much as one million years old

117

00:08:37,269 --> 00:08:36,320

the ancient bacteria never before seen

118

00:08:40,230 --> 00:08:37,279

by men

119

00:08:41,190 --> 00:08:40,240

are once again growing and reproducing a

120

00:08:43,750 --> 00:08:41,200

million years

121

00:08:44,790 --> 00:08:43,760

after they first came into existence

122

00:08:46,080 --> 00:08:44,800

immortality

123

00:08:50,710 --> 00:08:46,090

is possible

124

00:08:53,990 --> 00:08:53,110

immortality or something resembling it

125

00:08:55,990 --> 00:08:54,000

is necessary

126
00:08:57,829 --> 00:08:56,000
when we consider the vast distances of

127
00:09:00,040 --> 00:08:57,839
space that must be crossed

128
00:09:04,389 --> 00:09:00,050
to plant life elsewhere in the cosmos

129
00:09:08,070 --> 00:09:06,949
somewhere in space there is life but

130
00:09:10,550 --> 00:09:08,080
where

131
00:09:12,070 --> 00:09:10,560
a man counting a number every second of

132
00:09:13,750 --> 00:09:12,080
every working day

133
00:09:15,430 --> 00:09:13,760
would need a lifetime merely to reach

134
00:09:17,910 --> 00:09:15,440
the number 1 billion

135
00:09:23,910 --> 00:09:17,920
a figure which falls 100 times short of

136
00:09:27,269 --> 00:09:26,070
somewhere in space there is a solar

137
00:09:30,230 --> 00:09:27,279
system like ours

138
00:09:32,630 --> 00:09:30,240

where life exists perhaps it is in the

139

00:09:35,269 --> 00:09:32,640

constellation epsilon barutes

140

00:09:39,430 --> 00:09:35,279

where his sun is dying burning itself

141

00:09:44,310 --> 00:09:42,150

eons ago the dying sun would have

142

00:09:46,150 --> 00:09:44,320

threatened all life on the second planet

143

00:09:47,910 --> 00:09:46,160

of the solar system

144

00:09:49,590 --> 00:09:47,920

some scientists believe that a space

145

00:09:50,949 --> 00:09:49,600

probe was sent from that planet toward

146

00:09:52,550 --> 00:09:50,959

the earth

147

00:10:05,269 --> 00:09:52,560

they believe the probe sent these

148

00:10:06,710 --> 00:10:05,279

signals in 1927

149

00:10:08,470 --> 00:10:06,720

duncan lunan of the british

150

00:10:10,470 --> 00:10:08,480

interplanetary society

151
00:10:12,230 --> 00:10:10,480
has interpreted the signals as a message

152
00:10:14,710 --> 00:10:12,240
from the space probe

153
00:10:15,990 --> 00:10:14,720
a message from a dying planet in epsilon

154
00:10:19,509 --> 00:10:16,000
booties

155
00:10:22,870 --> 00:10:19,519
duncan lunden what a cub to me was

156
00:10:24,389 --> 00:10:22,880
that the um stars

157
00:10:26,230 --> 00:10:24,399
the stars are spaced at random in the

158
00:10:27,430 --> 00:10:26,240
sky therefore the coordinates of a star

159
00:10:29,910 --> 00:10:27,440
map

160
00:10:31,269 --> 00:10:29,920
expressed numerically would be a random

161
00:10:35,030 --> 00:10:31,279
series of numbers

162
00:10:37,030 --> 00:10:35,040
there are seven dots in the barrier

163
00:10:38,230 --> 00:10:37,040

and there are six dots on the right hand

164

00:10:40,150 --> 00:10:38,240

side here

165

00:10:41,590 --> 00:10:40,160

and they have quite a marked resemblance

166

00:10:43,990 --> 00:10:41,600

very large indeed to the

167

00:10:44,870 --> 00:10:44,000

the constellation figure of bortis the

168

00:10:48,310 --> 00:10:44,880

herdsmen

169

00:10:52,310 --> 00:10:48,320

these sharp lines of

170

00:10:54,710 --> 00:10:52,320

intense rapidly repeated echoes

171

00:10:56,230 --> 00:10:54,720

appear to be of the nature of clues as

172

00:10:58,389 --> 00:10:56,240

it were to the interpretation of the

173

00:10:59,990 --> 00:10:58,399

of the panel it's like these children's

174

00:11:01,670 --> 00:11:00,000

puzzles where you join up the dots and

175

00:11:03,590 --> 00:11:01,680

you make a shape

176
00:11:05,750 --> 00:11:03,600
so that you could sort of take it like

177
00:11:08,550 --> 00:11:05,760
this it start here

178
00:11:10,550 --> 00:11:08,560
we come from epsilon botus which is a

179
00:11:12,310 --> 00:11:10,560
double star

180
00:11:13,990 --> 00:11:12,320
and then we have this interesting sort

181
00:11:17,030 --> 00:11:14,000
of swallow-like shape here

182
00:11:17,509 --> 00:11:17,040
and it says therefore seems to say we

183
00:11:19,670 --> 00:11:17,519
live

184
00:11:21,190 --> 00:11:19,680
on the sixth planet of seven now two

185
00:11:22,550 --> 00:11:21,200
signals later we get an absolutely

186
00:11:25,430 --> 00:11:22,560
explicit statement

187
00:11:26,310 --> 00:11:25,440
in another scale figure that that they

188
00:11:27,829 --> 00:11:26,320

came

189

00:11:29,350 --> 00:11:27,839

from the second planet to the sixth

190

00:11:30,710 --> 00:11:29,360

we've got a whacking great arrow

191

00:11:33,190 --> 00:11:30,720

pointing from the second planet to the

192

00:11:35,350 --> 00:11:33,200

sixth with the sun dot at the

193

00:11:36,470 --> 00:11:35,360

front end of it the sun put in other

194

00:11:38,470 --> 00:11:36,480

words it says the

195

00:11:39,750 --> 00:11:38,480

sun pushed us from the second planet to

196

00:11:40,949 --> 00:11:39,760

the sixth and

197

00:11:42,550 --> 00:11:40,959

and just in case we haven't got the

198

00:11:45,190 --> 00:11:42,560

point it's repeated in exactly the same

199

00:11:47,269 --> 00:11:45,200

way two signals later

200

00:11:48,630 --> 00:11:47,279

the signals are the only known message

201
00:11:51,350 --> 00:11:48,640
from space

202
00:11:53,350 --> 00:11:51,360
in the sequence of sounds duncan lunan

203
00:11:55,190 --> 00:11:53,360
has found a specific message

204
00:11:56,470 --> 00:11:55,200
of a population moving from the second

205
00:12:00,069 --> 00:11:56,480
planet to the sixth

206
00:12:03,190 --> 00:12:00,079
in epsilon and then where

207
00:12:07,990 --> 00:12:03,200
perhaps to earth the signals are an sos

208
00:12:12,150 --> 00:12:10,470
in this situation the inhabitants of the

209
00:12:12,550 --> 00:12:12,160
planetary system would find themselves

210
00:12:15,829 --> 00:12:12,560
in

211
00:12:17,190 --> 00:12:15,839
real danger they their their own planet

212
00:12:18,870 --> 00:12:17,200
would get hotter than time all the

213
00:12:20,550 --> 00:12:18,880

planets would get very hot

214

00:12:21,910 --> 00:12:20,560

um they were they would have in other

215

00:12:24,069 --> 00:12:21,920

words to perfect the first

216

00:12:27,430 --> 00:12:24,079

interplanetary and then into cell travel

217

00:12:31,269 --> 00:12:27,440

in order to to get away from the sun

218

00:12:32,870 --> 00:12:31,279

so the probe then came to the earth

219

00:12:34,550 --> 00:12:32,880

it came to the solar system it located

220

00:12:35,829 --> 00:12:34,560

the earth it came into orbit around the

221

00:12:39,190 --> 00:12:35,839

earth and it began

222

00:12:41,430 --> 00:12:39,200

looking for signals really

223

00:12:42,470 --> 00:12:41,440

intelligent signals from earth that

224

00:12:43,990 --> 00:12:42,480

would indicate the presence of

225

00:12:46,230 --> 00:12:44,000

intelligence

226

00:12:47,670 --> 00:12:46,240

if duncan lunan's interpretation of the

227

00:12:49,829 --> 00:12:47,680

signals is correct

228

00:12:50,949 --> 00:12:49,839

a space probe is now traveling in our

229

00:12:53,670 --> 00:12:50,959

solar system

230

00:12:59,910 --> 00:12:53,680

monitoring life on earth it may already

231

00:13:13,110 --> 00:13:06,710

loud and clear seven go ahead

232

00:13:20,550 --> 00:13:17,190

roger control here again

233

00:13:25,030 --> 00:13:20,560

the reference in that conversation was

234

00:13:28,790 --> 00:13:25,040

uh bogey it was uh barman who reported

235

00:13:29,910 --> 00:13:28,800

sighting the bogey this is germany

236

00:13:34,870 --> 00:13:29,920

control houston

237

00:13:36,949 --> 00:13:34,880

at four hours 24 minutes into the flight

238

00:13:38,230 --> 00:13:36,959

is the code word for an unidentified

239

00:13:40,949 --> 00:13:38,240

aircraft

240

00:13:41,750 --> 00:13:40,959

but a bogey in space is almost beyond

241

00:13:56,790 --> 00:13:41,760

belief

242

00:14:00,470 --> 00:13:58,629

during peak hours the skies over the

243

00:14:06,310 --> 00:14:00,480

united states are filled with as many as

244

00:14:09,430 --> 00:14:08,150

they are watched continuously by the

245

00:14:12,550 --> 00:14:09,440

best trained most

246

00:14:16,230 --> 00:14:12,560

skilled radar operators in all the world

247

00:14:18,069 --> 00:14:16,240

to them ufos were daily occurrence norad

248

00:14:19,430 --> 00:14:18,079

the north american defense command for

249

00:14:22,790 --> 00:14:19,440

example reports

250

00:14:25,189 --> 00:14:22,800

800 ufos on radar every month

251
00:14:26,790 --> 00:14:25,199
most of course are eventually explained

252
00:14:29,509 --> 00:14:26,800
but not all

253
00:14:30,550 --> 00:14:29,519
almost 400 sightings are still carried

254
00:14:45,390 --> 00:14:30,560
out the books

255
00:14:47,990 --> 00:14:45,400
as unidentified flying objects

256
00:14:50,790 --> 00:14:48,000
[Music]

257
00:14:52,310 --> 00:14:50,800
400 reports of airborne objects which

258
00:14:54,310 --> 00:14:52,320
cannot be identified

259
00:14:55,670 --> 00:14:54,320
give a clear indication that the earth

260
00:14:57,750 --> 00:14:55,680
is being monitored

261
00:15:05,110 --> 00:14:57,760
watched by a presence from somewhere

262
00:15:10,069 --> 00:15:07,590
to an incoming space probe the solar

263
00:15:11,829 --> 00:15:10,079

system is unknown territory that must be

264

00:15:13,650 --> 00:15:11,839

chartered and searched for evidence of

265

00:15:19,509 --> 00:15:13,660

life

266

00:15:23,590 --> 00:15:21,670

assume the technology of reaching

267

00:15:24,629 --> 00:15:23,600

thousands of miles per second had been

268

00:15:26,629 --> 00:15:24,639

accomplished

269

00:15:29,670 --> 00:15:26,639

that the problems of acceleration and

270

00:15:31,590 --> 00:15:29,680

deceleration in space had been overcome

271

00:15:34,470 --> 00:15:31,600

a probe would then enter the solar

272

00:15:36,870 --> 00:15:34,480

system from its most distant point

273

00:15:37,670 --> 00:15:36,880

past pluto three billion miles from the

274

00:15:40,550 --> 00:15:37,680

sun

275

00:15:41,590 --> 00:15:40,560

and lagging atmosphere past neptune and

276

00:15:43,590 --> 00:15:41,600

uranus

277

00:15:46,550 --> 00:15:43,600

too heavily laden with hydrogen and

278

00:15:49,829 --> 00:15:46,560

methane to support life

279

00:15:52,069 --> 00:15:49,839

to ring saturn awesome beautiful

280

00:15:54,870 --> 00:15:52,079

protected by a band of asteroids but

281

00:16:06,629 --> 00:15:54,880

with an atmosphere of helium hydrogen

282

00:16:10,870 --> 00:16:08,949

ahead on the journey lie the most

283

00:16:17,829 --> 00:16:10,880

probable planets where life might be

284

00:16:21,590 --> 00:16:20,870

banded jupiter atmosphere hydrogen

285

00:16:29,590 --> 00:16:21,600

helium

286

00:16:38,150 --> 00:16:34,790

mars distance from sun 142 million miles

287

00:16:40,790 --> 00:16:38,160

diameter 4200 miles

288

00:16:41,990 --> 00:16:40,800

atmosphere carbon dioxide carbon

289

00:16:48,829 --> 00:16:42,000

monoxide

290

00:16:55,590 --> 00:16:52,470

mars life potential close-up survey

291

00:16:57,430 --> 00:16:55,600

planetary atmosphere thin water present

292

00:17:00,069 --> 00:16:57,440

in small quantities

293

00:17:00,690 --> 00:17:00,079

all life forms designated primitive

294

00:17:02,829 --> 00:17:00,700

existence

295

00:17:07,110 --> 00:17:02,839

[Music]

296

00:17:10,789 --> 00:17:09,590

no life form on mars is capable of

297

00:17:18,420 --> 00:17:10,799

sending electronic

298

00:17:33,190 --> 00:17:18,430

signals into space

299

00:17:36,549 --> 00:17:35,270

know if there is intelligent life in

300

00:17:39,350 --> 00:17:36,559

this system

301
00:17:39,909 --> 00:17:39,360
it must be on the third planet the blue

302
00:17:47,350 --> 00:17:39,919
world

303
00:17:49,590 --> 00:17:47,360
called earth

304
00:17:52,310 --> 00:17:49,600
the moon is a perfect vantage point from

305
00:17:54,789 --> 00:17:52,320
which to study the earth

306
00:17:56,789 --> 00:17:54,799
only a quarter of a million miles away

307
00:18:01,350 --> 00:17:56,799
the explorers could keep a close watch

308
00:18:04,070 --> 00:18:01,360
on the blue planet

309
00:18:06,310 --> 00:18:04,080
the moon is now familiar territory after

310
00:18:08,310 --> 00:18:06,320
six successful man landings

311
00:18:10,390 --> 00:18:08,320
but our detailed knowledge is limited to

312
00:18:12,710 --> 00:18:10,400
six specific locations

313
00:18:15,990 --> 00:18:12,720

each has told us something new something

314

00:18:20,070 --> 00:18:18,150

the moon is different from the earth and

315

00:18:22,900 --> 00:18:20,080

clearly was not torn from it

316

00:18:27,590 --> 00:18:22,910

as many scientists once thought

317

00:18:31,669 --> 00:18:29,510

we have found minerals in abundance on

318

00:18:32,870 --> 00:18:31,679

the moon minerals that are extremely

319

00:18:34,950 --> 00:18:32,880

rare on earth

320

00:18:36,470 --> 00:18:34,960

yet they are vital to successful space

321

00:18:38,230 --> 00:18:36,480

voyages

322

00:18:41,430 --> 00:18:38,240

plans to mine them have already been

323

00:18:43,430 --> 00:18:41,440

drawn by nasa and private industry

324

00:18:46,070 --> 00:18:43,440

one theory holds that explorers from

325

00:18:47,669 --> 00:18:46,080

outer space have already mined the moon

326

00:18:50,310 --> 00:18:47,679

pulling from it such minerals as

327

00:18:53,830 --> 00:18:50,320

titanium a metal essential to space

328

00:18:58,950 --> 00:18:56,150

it is unfortunate that we can no longer

329

00:19:01,270 --> 00:18:58,960

afford to explore the lunar surface

330

00:19:02,710 --> 00:19:01,280

for it is just barely possible that

331

00:19:10,000 --> 00:19:02,720

somewhere on the moon

332

00:19:18,150 --> 00:19:10,010

are the traces of previous explorers

333

00:19:20,470 --> 00:19:18,160

[Music]

334

00:19:22,630 --> 00:19:20,480

if travelers from outer space were

335

00:19:24,070 --> 00:19:22,640

seeking an exploitable planet in our

336

00:19:25,909 --> 00:19:24,080

solar system

337

00:19:28,390 --> 00:19:25,919

the moon would become the jumping off

338

00:19:29,830 --> 00:19:28,400

point for their explorations

339

00:19:31,750 --> 00:19:29,840

there are those who believe it has

340

00:19:35,190 --> 00:19:31,760

already happened

341

00:19:38,950 --> 00:19:35,200

duncan lunan it's possible

342

00:19:41,430 --> 00:19:38,960

that in the course of our history and

343

00:19:42,150 --> 00:19:41,440

in the last uh thirteen thousand years

344

00:19:43,830 --> 00:19:42,160

that the

345

00:19:45,669 --> 00:19:43,840

ships from epsilon boaters have come

346

00:19:48,870 --> 00:19:45,679

here have conducted

347

00:19:50,470 --> 00:19:48,880

survey missions possibly even had some

348

00:19:52,630 --> 00:19:50,480

small settlements established here for a

349

00:19:54,630 --> 00:19:52,640

time pulled out again

350

00:19:57,510 --> 00:19:54,640

we have evidence that a landing was made

351
00:19:59,510 --> 00:19:57,520
in the andes near a lake called titicaca

352
00:20:01,029 --> 00:19:59,520
from the shore the outline of titicaca

353
00:20:03,190 --> 00:20:01,039
has no pattern

354
00:20:06,820 --> 00:20:03,200
only when viewed from space does it take

355
00:20:09,510 --> 00:20:06,830
on the shape of a jaguar about to pounce

356
00:20:11,430 --> 00:20:09,520
[Music]

357
00:20:14,549 --> 00:20:11,440
in the ancient language of the region

358
00:20:23,110 --> 00:20:14,559
titicaca means stone of the jaguar

359
00:20:28,149 --> 00:20:25,750
an arid mesa called the altiplano

360
00:20:31,669 --> 00:20:28,159
fringes lake titicaca

361
00:20:34,789 --> 00:20:31,679
on the barren windswept plain the air is

362
00:20:36,390 --> 00:20:34,799
thin and corn does not grow it is a

363
00:20:38,470 --> 00:20:36,400

harsh environment

364

00:20:39,830 --> 00:20:38,480

yet there is reason to believe that here

365

00:20:46,390 --> 00:20:39,840

long ago

366

00:20:50,310 --> 00:20:49,430

earth base one a starting point in a new

367

00:20:52,149 --> 00:20:50,320

world

368

00:20:54,549 --> 00:20:52,159

a place to practice such advanced

369

00:20:57,190 --> 00:20:54,559

technologies as planetary and biological

370

00:20:59,270 --> 00:20:57,200

engineering

371

00:21:00,950 --> 00:20:59,280

most of the traces of earth base one

372

00:21:02,950 --> 00:21:00,960

have been obliterated

373

00:21:04,710 --> 00:21:02,960

the inca who dominated this part of the

374

00:21:06,390 --> 00:21:04,720

world erased the histories of the

375

00:21:08,789 --> 00:21:06,400

regions they conquered

376
00:21:11,029 --> 00:21:08,799
but in the mountains rubble and broken

377
00:21:14,549 --> 00:21:11,039
walls of an andean plain

378
00:21:17,750 --> 00:21:14,559
lie the ruins of a once great city

379
00:21:19,590 --> 00:21:17,760
called tijuana it stands mysterious

380
00:21:22,630 --> 00:21:19,600
and unexpected at 13

381
00:21:24,630 --> 00:21:22,640
000 feet above sea level it might have

382
00:21:25,630 --> 00:21:24,640
housed the most advanced civilization of

383
00:21:27,669 --> 00:21:25,640
ancient times

384
00:21:30,630 --> 00:21:27,679
[Music]

385
00:21:32,149 --> 00:21:30,640
long before the inca arrival tijuana

386
00:21:34,950 --> 00:21:32,159
was a reality

387
00:21:36,230 --> 00:21:34,960
and the question arises how much did the

388
00:21:40,070 --> 00:21:36,240

inca take away in

389

00:21:42,950 --> 00:21:40,080

plunder and how much in technology

390

00:21:43,990 --> 00:21:42,960

the inca did not build tiahuanaco nor

391

00:21:46,070 --> 00:21:44,000

did the ancestors

392

00:21:51,270 --> 00:21:46,080

of indians who now live on this desolate

393

00:21:55,270 --> 00:21:54,070

despite years of study and analysis

394

00:21:58,390 --> 00:21:55,280

scientists are still

395

00:21:59,270 --> 00:21:58,400

unable to date these ruins estimates of

396

00:22:03,430 --> 00:21:59,280

its age

397

00:22:07,190 --> 00:22:03,440

range from 1200 to 15 000 years old

398

00:22:08,470 --> 00:22:07,200

but 15 000 years ago man was still using

399

00:22:12,920 --> 00:22:08,480

flint tools

400

00:22:14,310 --> 00:22:12,930

and had not yet developed agriculture

401
00:22:16,630 --> 00:22:14,320

[Music]

402
00:22:18,470 --> 00:22:16,640
the monolith tells its own story of

403
00:22:21,669 --> 00:22:18,480
earth base one

404
00:22:23,350 --> 00:22:21,679
in 1927 the carvings were interpreted as

405
00:22:25,190 --> 00:22:23,360
an account of the earth's original

406
00:22:27,990 --> 00:22:25,200
capture of the moon

407
00:22:30,230 --> 00:22:28,000
the theory was dismissed as nonsense but

408
00:22:32,230 --> 00:22:30,240
at the close of the apollo program

409
00:22:34,149 --> 00:22:32,240
there has emerged a similar theory that

410
00:22:34,950 --> 00:22:34,159
the moon has wandered through our solar

411
00:22:42,990 --> 00:22:34,960
system

412
00:22:47,990 --> 00:22:45,029
[Music]

413
00:22:50,070 --> 00:22:48,000

of all the mysteries at tiawanako none

414

00:22:50,710 --> 00:22:50,080

looms quite as large as a monolithic

415

00:22:54,630 --> 00:22:50,720

archway

416

00:22:57,029 --> 00:22:54,640

called the gate of the sun

417

00:22:58,149 --> 00:22:57,039

cut from a single block of andesite it

418

00:23:02,230 --> 00:22:58,159

weighs at least 10

419

00:23:04,149 --> 00:23:02,240

tons no one knows how it was transported

420

00:23:06,830 --> 00:23:04,159

or what tools were used to carve the

421

00:23:10,470 --> 00:23:06,840

mysterious figures that run across its

422

00:23:14,950 --> 00:23:12,710

for the carefully chiseled lines depict

423

00:23:16,390 --> 00:23:14,960

birds that never flew in the skies above

424

00:23:18,870 --> 00:23:16,400

the earth

425

00:23:19,750 --> 00:23:18,880

a record in stone that we cannot read

426

00:23:22,950 --> 00:23:19,760

except for one

427

00:23:25,029 --> 00:23:22,960

intriguing feature the eyes which form a

428

00:23:26,789 --> 00:23:25,039

part of still another creature

429

00:23:28,630 --> 00:23:26,799

figures barely discernible but

430

00:23:32,149 --> 00:23:28,640

nonetheless familiar to us

431

00:23:34,390 --> 00:23:32,159

as space helmeted astronauts

432

00:23:36,390 --> 00:23:34,400

no less mysterious are the eyes of the

433

00:23:38,789 --> 00:23:36,400

god atop the arch

434

00:23:40,230 --> 00:23:38,799

two tears are deeply etched into his

435

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

cheeks

436

00:23:44,789 --> 00:23:43,520

and no one can say why the sun god of

437

00:23:48,549 --> 00:23:44,799

tiwanako

438

00:23:51,430 --> 00:23:48,559

weeps and so it stands

439

00:23:53,430 --> 00:23:51,440

a brooding mysterious ruin atop a

440

00:23:56,630 --> 00:23:53,440

desolate mountain plateau

441

00:23:58,870 --> 00:23:56,640

13 000 feet in the air

442

00:24:03,110 --> 00:23:58,880

was it built by those who came to make a

443

00:24:11,110 --> 00:24:06,710

300 miles away on another plane

444

00:24:15,190 --> 00:24:13,190

from ground level the lines are very

445

00:24:16,149 --> 00:24:15,200

shallow scratches barely four inches

446

00:24:17,990 --> 00:24:16,159

deep

447

00:24:19,750 --> 00:24:18,000

yet they have remained intact for

448

00:24:23,190 --> 00:24:19,760

thousands of years

449

00:24:26,390 --> 00:24:23,200

no wind blows across the plain no rain

450

00:24:29,110 --> 00:24:26,400

washes away the marks whoever drew the

451
00:24:31,510 --> 00:24:29,120
lines knew they would remain

452
00:24:32,549 --> 00:24:31,520
the plane is in effect a giant permanent

453
00:24:36,630 --> 00:24:32,559
blackboard

454
00:24:39,990 --> 00:24:38,789
it was designed for incoming alien

455
00:24:49,669 --> 00:24:40,000
explorers

456
00:24:55,990 --> 00:24:53,669
april 15 1966 a television cameraman

457
00:24:58,230 --> 00:24:56,000
filming a commercial in a helicopter

458
00:25:01,960 --> 00:24:58,240
saw and filmed something that has still

459
00:25:01,970 --> 00:25:13,800
[Music]

460
00:25:13,810 --> 00:25:18,630
[Applause]

461
00:25:25,590 --> 00:25:21,990
there have been other sightings

462
00:25:28,670 --> 00:25:25,600
april 2nd 1966 a melbourne australia

463
00:25:37,669 --> 00:25:28,680

businessman photographed

464

00:25:44,070 --> 00:25:42,070

april 18 1965 a small metallic object

465

00:26:02,240 --> 00:25:44,080

buzzed the ground south of albuquerque

466

00:26:02,250 --> 00:26:08,830

[Music]

467

00:26:17,240 --> 00:26:11,510

is

468

00:26:20,310 --> 00:26:18,970

[Music]

469

00:26:22,789 --> 00:26:20,320

[Applause]

470

00:26:23,590 --> 00:26:22,799

the lines of nazca are only four inches

471

00:26:25,590 --> 00:26:23,600

deep

472

00:26:29,830 --> 00:26:25,600

and yet they remain unblurred by the

473

00:26:32,870 --> 00:26:32,390

nazca serves as a critical link between

474

00:26:36,149 --> 00:26:32,880

earth

475

00:26:38,230 --> 00:26:36,159

and outer space the lines are a root map

476
00:26:39,580 --> 00:26:38,240
pinpointing sites of mystery all over

477
00:26:41,350 --> 00:26:39,590
the world

478
00:26:43,590 --> 00:26:41,360
[Music]

479
00:26:45,830 --> 00:26:43,600
one line pointing east leads to a

480
00:26:53,350 --> 00:26:45,840
remarkable unexplained artifact

481
00:26:56,710 --> 00:26:53,360
300 miles away

482
00:27:00,230 --> 00:26:56,720
someone built saksehu woman a megalithic

483
00:27:00,240 --> 00:27:10,890
who and why is a mystery

484
00:27:15,350 --> 00:27:12,950
[Music]

485
00:27:18,070 --> 00:27:15,360
at one point the inca used sakse hawaman

486
00:27:22,950 --> 00:27:20,789
according to legend inca kings thrust

487
00:27:25,029 --> 00:27:22,960
their fists into the depths of his snake

488
00:27:27,909 --> 00:27:25,039

chiseled into the stone

489

00:27:28,789 --> 00:27:27,919

from it they received a special power a

490

00:27:31,110 --> 00:27:28,799

compass needle

491

00:27:32,710 --> 00:27:31,120

thrust into that same snake head will

492

00:27:35,220 --> 00:27:32,720

spin wildly

493

00:27:37,590 --> 00:27:35,230

for the stone is heavily magnetized

494

00:27:40,149 --> 00:27:37,600

[Music]

495

00:27:42,149 --> 00:27:40,159

how did the inca who knew nothing of the

496

00:27:44,389 --> 00:27:42,159

forces of electromagnetism

497

00:27:46,149 --> 00:27:44,399

select this one stone of all the

498

00:27:46,950 --> 00:27:46,159

thousands of others that composed their

499

00:27:49,750 --> 00:27:46,960

fortress

500

00:27:50,710 --> 00:27:49,760

as the magic stone of the snake we do

501
00:27:53,430 --> 00:27:50,720
not know

502
00:27:54,789 --> 00:27:53,440
but one thing is certain with that

503
00:27:56,789 --> 00:27:54,799
special power

504
00:28:02,750 --> 00:27:56,799
their empire spread from the pacific

505
00:28:04,950 --> 00:28:02,760
coast to the amazon jungle

506
00:28:07,269 --> 00:28:04,960
[Music]

507
00:28:10,230 --> 00:28:07,279
the inca knew nothing of the wheel and

508
00:28:12,470 --> 00:28:10,240
yet their roads are still in use today

509
00:28:13,669 --> 00:28:12,480
they had no alphabet yet we are asked to

510
00:28:15,350 --> 00:28:13,679
believe they developed an

511
00:28:17,590 --> 00:28:15,360
engineering technology that built

512
00:28:20,630 --> 00:28:17,600
structures such as this

513
00:28:22,870 --> 00:28:20,640

or did they were they creators or

514

00:28:28,830 --> 00:28:22,880

inheritors of a civilization

515

00:28:33,190 --> 00:28:31,029

else

516

00:28:34,149 --> 00:28:33,200

a woman is built of enormous blocks of

517

00:28:35,909 --> 00:28:34,159

stone

518

00:28:38,789 --> 00:28:35,919

cut and beveled to fit together with

519

00:28:40,789 --> 00:28:38,799

micrometer accuracy

520

00:28:44,230 --> 00:28:40,799

no one is even a clue as to how these

521

00:28:47,350 --> 00:28:44,240

blocks some weighing more than 100 tons

522

00:28:49,550 --> 00:28:47,360

were quarried shaped transported and

523

00:28:55,750 --> 00:28:49,560

set into place

524

00:29:00,789 --> 00:28:58,950

35 feet underwater and 1 000

525

00:29:03,029 --> 00:29:00,799

yards off the northern shore of the

526

00:29:07,520 --> 00:29:03,039

island of bimini in the caribbean

527

00:29:11,590 --> 00:29:09,269

[Music]

528

00:29:12,950 --> 00:29:11,600

there is absolutely no indication of who

529

00:29:14,789 --> 00:29:12,960

might have built it

530

00:29:18,870 --> 00:29:14,799

but the huge blocks bear a striking

531

00:29:21,029 --> 00:29:18,880

resemblance to the masonry of the incas

532

00:29:23,590 --> 00:29:21,039

some scientists claim it is a natural

533

00:29:25,909 --> 00:29:23,600

formation and not a wall at all

534

00:29:27,909 --> 00:29:25,919

but if ocean currents cut the stones in

535

00:29:30,230 --> 00:29:27,919

the sea bottom

536

00:29:33,190 --> 00:29:30,240

did they also cut them at right angles

537

00:29:37,190 --> 00:29:35,350

the bimini wall is but one of many

538

00:29:40,630 --> 00:29:37,200

mysteries in the caribbean region

539

00:29:42,470 --> 00:29:40,640

known as the bermuda triangle here

540

00:29:44,149 --> 00:29:42,480

ships and planes vanish under

541

00:29:49,920 --> 00:29:44,159

circumstances that defy

542

00:29:55,590 --> 00:29:52,789

[Music]

543

00:29:57,990 --> 00:29:55,600

just after the close of world war ii in

544

00:29:59,909 --> 00:29:58,000

december 1945

545

00:30:01,350 --> 00:29:59,919

five navy fighter planes vanished

546

00:30:02,950 --> 00:30:01,360

without a trace

547

00:30:04,950 --> 00:30:02,960

leaving a mystery that remains

548

00:30:06,549 --> 00:30:04,960

unanswered today

549

00:30:09,029 --> 00:30:06,559

their disappearance has been the subject

550

00:30:09,669 --> 00:30:09,039

of a 25-year investigation by magazine

551
00:30:13,510 --> 00:30:09,679
reporter

552
00:30:16,549 --> 00:30:13,520
art ford well a routine

553
00:30:19,110 --> 00:30:16,559
naval air patrol took off from the fort

554
00:30:22,389 --> 00:30:19,120
lauderdale naval air station

555
00:30:25,669 --> 00:30:22,399
five planes 14 crew members

556
00:30:27,029 --> 00:30:25,679
five different radios after the planes

557
00:30:28,470 --> 00:30:27,039
were in the air a few hours they

558
00:30:31,110 --> 00:30:28,480
vanished

559
00:30:31,669 --> 00:30:31,120
five radios did not give a coherent

560
00:30:33,590 --> 00:30:31,679
reason

561
00:30:34,870 --> 00:30:33,600
why they vanished the men were never

562
00:30:38,549 --> 00:30:34,880
seen again

563
00:30:40,710 --> 00:30:38,559

no wreckage of the planes was ever found

564

00:30:41,830 --> 00:30:40,720

there was no radio contact after they

565

00:30:43,990 --> 00:30:41,840

were lost

566

00:30:45,190 --> 00:30:44,000

a search plane went up after them with

567

00:30:47,269 --> 00:30:45,200

13 men aboard

568

00:30:48,230 --> 00:30:47,279

with every bit of equipment necessary to

569

00:30:51,830 --> 00:30:48,240

find them

570

00:30:54,710 --> 00:30:51,840

it vanished within seven minutes

571

00:30:55,990 --> 00:30:54,720

particularly significant in the case of

572

00:30:59,350 --> 00:30:56,000

the missing planes

573

00:31:02,230 --> 00:30:59,360

was the radio transmission

574

00:31:03,110 --> 00:31:02,240

report that remains in the record in the

575

00:31:06,710 --> 00:31:03,120

archives

576
00:31:10,310 --> 00:31:06,720
in washington lieutenant robert f cox

577
00:31:13,029 --> 00:31:10,320
was flying out to try to find flight 19.

578
00:31:15,269 --> 00:31:13,039
he said on the radio what is your

579
00:31:16,389 --> 00:31:15,279
present altitude i will fly south to

580
00:31:18,549 --> 00:31:16,399
meet you

581
00:31:19,430 --> 00:31:18,559
and taylor who commanded flight 19

582
00:31:22,870 --> 00:31:19,440
replied

583
00:31:23,830 --> 00:31:22,880
don't come after me he was warning his

584
00:31:25,830 --> 00:31:23,840
fellow

585
00:31:28,070 --> 00:31:25,840
uh flyers who were trying to rescue the

586
00:31:30,149 --> 00:31:28,080
plane which they thought was lost

587
00:31:31,190 --> 00:31:30,159
and he said they look like they're from

588
00:31:47,430 --> 00:31:31,200

outer space

589

00:31:51,269 --> 00:31:47,440

don't come after

590

00:31:55,990 --> 00:31:51,279

on march 5th 1918 the uss cyclops

591

00:31:59,830 --> 00:31:58,310

a cold carrying cargo ship she had a

592

00:32:02,549 --> 00:31:59,840

crew of 309

593

00:32:03,990 --> 00:32:02,559

officers and men the british liner

594

00:32:05,909 --> 00:32:04,000

vestris reported that she'd heard a

595

00:32:12,950 --> 00:32:05,919

radio signal from the cyclops

596

00:32:17,269 --> 00:32:15,669

the cyclops was never seen or heard from

597

00:32:21,190 --> 00:32:17,279

again

598

00:32:24,310 --> 00:32:21,200

no trace was ever found ten years later

599

00:32:30,549 --> 00:32:24,320

in 1928 the line of vestris

600

00:32:35,029 --> 00:32:33,029

proteus the sister ship of cyclops

601
00:32:37,509 --> 00:32:35,039
disappeared in the bermuda triangle

602
00:32:38,990 --> 00:32:37,519
between november 23rd and december 10

603
00:32:40,710 --> 00:32:39,000
1941.

604
00:32:43,590 --> 00:32:40,720
[Music]

605
00:32:44,630 --> 00:32:43,600
she was carrying a cargo foxite like

606
00:32:51,430 --> 00:32:44,640
cyclops

607
00:32:57,669 --> 00:32:55,269
january 8 1962 an air force kb

608
00:32:59,520 --> 00:32:57,679
50 air tanker disappeared in clear

609
00:33:03,990 --> 00:32:59,530
weather

610
00:33:12,149 --> 00:33:05,990
no trace of the plane or its eight

611
00:33:17,110 --> 00:33:14,549
more than a hundred ships and airplanes

612
00:33:20,549 --> 00:33:17,120
have been lost in the bermuda triangle

613
00:33:22,549 --> 00:33:20,559

taking with them 1 000 lives there is no

614

00:33:24,470 --> 00:33:22,559

explanation for the disappearances that

615

00:33:26,870 --> 00:33:24,480

have taken place in clear weather and

616

00:33:29,990 --> 00:33:26,880

calm seas

617

00:33:31,830 --> 00:33:30,000

is this the corridor to outer space did

618

00:33:33,669 --> 00:33:31,840

the first colonists plant a homing

619

00:33:36,630 --> 00:33:33,679

device a navigational aid

620

00:33:38,389 --> 00:33:36,640

under these waters a beacon for

621

00:33:40,389 --> 00:33:38,399

spacecraft to home in on

622

00:33:45,029 --> 00:33:40,399

that somehow interferes with our own

623

00:33:51,350 --> 00:33:49,350

january 16 1958 an air force officer

624

00:33:52,549 --> 00:33:51,360

aboard the brazilian ship amarante

625

00:33:55,029 --> 00:33:52,559

saldonia

626
00:33:56,710 --> 00:33:55,039
sighted a flying disc that hovered over

627
00:34:06,710 --> 00:33:56,720
the water for 30 seconds

628
00:34:28,230 --> 00:34:06,720
and then sped off

629
00:34:34,389 --> 00:34:32,710
january 13th 1967 a ufo was photographed

630
00:34:49,360 --> 00:34:34,399
as a dove and climbed above the

631
00:34:54,310 --> 00:34:49,370
louisiana bayous

632
00:34:56,869 --> 00:34:54,320
[Music]

633
00:35:00,150 --> 00:34:56,879
were these and other ufos homing in on

634
00:35:06,390 --> 00:35:02,310
is this a marker signaling a rival of

635
00:35:10,069 --> 00:35:08,870
it is a line that circles the globe

636
00:35:12,069 --> 00:35:10,079
touching in turn

637
00:35:13,880 --> 00:35:12,079
all of the places where a colony planted

638
00:35:15,589 --> 00:35:13,890

on earth might have taken root

639

00:35:17,570 --> 00:35:15,599

[Music]

640

00:35:19,349 --> 00:35:17,580

india

641

00:35:26,310 --> 00:35:19,359

[Music]

642

00:35:30,750 --> 00:35:28,870

the bermuda triangle and finally the

643

00:35:35,829 --> 00:35:30,760

yucatan peninsula

644

00:35:38,390 --> 00:35:35,839

[Music]

645

00:35:40,790 --> 00:35:38,400

the deep jungles of central america make

646

00:35:42,710 --> 00:35:40,800

an ideal hiding place for a colony cut

647

00:35:44,950 --> 00:35:42,720

off from its home planet

648

00:35:47,030 --> 00:35:44,960

to this day the steaming malaria-ridden

649

00:35:50,310 --> 00:35:47,040

lowlands of the yucatan peninsula

650

00:35:52,069 --> 00:35:50,320

remain largely unexplored

651
00:35:55,270 --> 00:35:52,079
yet this is the home of the most

652
00:36:02,150 --> 00:35:55,280
mysterious people on earth

653
00:36:05,990 --> 00:36:04,150
we are asked to believe that the mayans

654
00:36:08,470 --> 00:36:06,000
were simple farmers

655
00:36:10,310 --> 00:36:08,480
but no logical reason exists for them to

656
00:36:18,870 --> 00:36:10,320
have planted crops on the most difficult

657
00:36:23,430 --> 00:36:20,630
[Music]

658
00:36:27,430 --> 00:36:23,440
no the mayans came here not to farm but

659
00:36:30,470 --> 00:36:27,440
to hide

660
00:36:33,190 --> 00:36:30,480
no records tell where they come from no

661
00:36:35,750 --> 00:36:33,200
evidence explains where they have gone

662
00:36:37,990 --> 00:36:35,760
only citadels like ushma stand to remind

663
00:36:40,630 --> 00:36:38,000

us of a people markedly different from

664

00:36:42,069 --> 00:36:40,640

any other race on earth a brilliant

665

00:36:45,270 --> 00:36:42,079

civilization grew and

666

00:36:47,349 --> 00:36:45,280

flourished in absolute isolation seeming

667

00:36:51,990 --> 00:36:47,359

fearful of contact with other people on

668

00:36:56,390 --> 00:36:54,470

priests were the repository of all mayan

669

00:36:58,630 --> 00:36:56,400

knowledge

670

00:37:00,230 --> 00:36:58,640

they alone possessed a secret language

671

00:37:01,349 --> 00:37:00,240

distinct from that used by the rest of

672

00:37:03,270 --> 00:37:01,359

the people

673

00:37:07,190 --> 00:37:03,280

a language they brought from somewhere

674

00:37:11,349 --> 00:37:09,030

there are many other indications that

675

00:37:13,829 --> 00:37:11,359

they are not of the earth

676

00:37:17,109 --> 00:37:13,839

we know of their advancements they

677

00:37:22,650 --> 00:37:17,119

develop mathematics to a high art

678

00:37:25,349 --> 00:37:22,660

they invented the figure zero

679

00:37:27,990 --> 00:37:25,359

[Music]

680

00:37:29,750 --> 00:37:28,000

they developed a calendar so exact our

681

00:37:30,710 --> 00:37:29,760

modern astronomical devices have

682

00:37:35,030 --> 00:37:30,720

improved upon it

683

00:37:36,630 --> 00:37:35,040

by only 17 seconds out of an entire year

684

00:37:39,829 --> 00:37:36,640

they also had a calendar which

685

00:37:43,109 --> 00:37:39,839

accurately measured a 260 day year

686

00:37:44,870 --> 00:37:43,119

obviously not a year on earth perhaps it

687

00:37:48,470 --> 00:37:44,880

is a year on the planet from which they

688

00:37:52,550 --> 00:37:50,470

mayan pyramids may have been the first

689

00:37:53,990 --> 00:37:52,560

in the world the models for all the

690

00:37:56,310 --> 00:37:54,000

great pyramids

691

00:37:57,510 --> 00:37:56,320

and hereto we find connection to outer

692

00:38:00,069 --> 00:37:57,520

space

693

00:38:02,630 --> 00:38:00,079

the very shape of the pyramid gives a

694

00:38:04,470 --> 00:38:02,640

clue to the secret of immortality

695

00:38:06,950 --> 00:38:04,480

an enterprising young physicist dr

696

00:38:08,710 --> 00:38:06,960

patrick flanagan interprets the link

697

00:38:11,349 --> 00:38:08,720

strange things that happen inside

698

00:38:13,030 --> 00:38:11,359

pyramid but no one was able to pinpoint

699

00:38:15,510 --> 00:38:13,040

what these forces were

700

00:38:17,990 --> 00:38:15,520

and my research for the last three years

701
00:38:20,150 --> 00:38:18,000
has been on pinpointing these forces and

702
00:38:23,190 --> 00:38:20,160
discovering what the effect is

703
00:38:24,069 --> 00:38:23,200
i've discovered that the pyramid is sort

704
00:38:29,030 --> 00:38:24,079
of a cosmic

705
00:38:31,990 --> 00:38:29,040
greenhouse by this we know that the

706
00:38:34,230 --> 00:38:32,000
pyramid shape is designed to intercept

707
00:38:35,430 --> 00:38:34,240
certain cosmic energies from cosmic

708
00:38:38,390 --> 00:38:35,440
particles

709
00:38:39,030 --> 00:38:38,400
in the same way that a greenhouse is

710
00:38:41,510 --> 00:38:39,040
designed

711
00:38:42,950 --> 00:38:41,520
so that the sun's rays will will enter

712
00:38:45,670 --> 00:38:42,960
the greenhouse

713
00:38:47,990 --> 00:38:45,680

at a right angle in order to effect

714

00:38:49,829 --> 00:38:48,000

maximum transfer of infrared energy into

715

00:38:52,069 --> 00:38:49,839

the interior of the greenhouse

716

00:38:53,589 --> 00:38:52,079

the walls of the pyramid are designed

717

00:38:56,310 --> 00:38:53,599

for maximum transfer

718

00:38:57,829 --> 00:38:56,320

of this energy bioplasmic energy or

719

00:38:59,829 --> 00:38:57,839

biocosmic energy

720

00:39:01,030 --> 00:38:59,839

whatever you want to call it and certain

721

00:39:04,230 --> 00:39:01,040

phenomena incur

722

00:39:06,069 --> 00:39:04,240

in the pyramid grains of wheat found

723

00:39:10,150 --> 00:39:06,079

inside the great pyramid

724

00:39:14,390 --> 00:39:10,160

in containers or in the floor

725

00:39:17,910 --> 00:39:14,400

5000 years old sprouted immediately

726

00:39:20,470 --> 00:39:17,920

also my own research indicates that

727

00:39:22,390 --> 00:39:20,480

for instance plants such as mung beans

728

00:39:24,470 --> 00:39:22,400

sprouts mummified in the pyramid are

729

00:39:25,829 --> 00:39:24,480

capable of growing after they have been

730

00:39:27,829 --> 00:39:25,839

dehydrated

731

00:39:29,270 --> 00:39:27,839

so this indicates that the pyramid

732

00:39:32,950 --> 00:39:29,280

energy phenomena

733

00:39:35,990 --> 00:39:32,960

uh maintains the actual life forces

734

00:39:38,390 --> 00:39:36,000

within the uh within the organism

735

00:39:40,790 --> 00:39:38,400

beyond the possibility of immortality

736

00:39:42,710 --> 00:39:40,800

inherent in the pyramids of the maya

737

00:39:45,030 --> 00:39:42,720

it is possible that they inspired the

738

00:39:47,030 --> 00:39:45,040

sudden unexplainable leaps made by other

739

00:39:48,470 --> 00:39:47,040

ancient civilizations

740

00:39:50,150 --> 00:39:48,480

they may have shared their highly

741

00:39:50,870 --> 00:39:50,160

advanced knowledge of astronomy with

742

00:39:53,829 --> 00:39:50,880

others

743

00:39:54,950 --> 00:39:53,839

for example the babylonians we have

744

00:39:57,430 --> 00:39:54,960

found cuneiform

745

00:39:59,190 --> 00:39:57,440

tablets that mark the phases of venus

746

00:40:02,310 --> 00:39:59,200

the four moons of jupiter

747

00:40:04,550 --> 00:40:02,320

and the satellites of saturn none of

748

00:40:05,910 --> 00:40:04,560

these bodies or events can be seen

749

00:40:08,230 --> 00:40:05,920

without a telescope

750

00:40:10,390 --> 00:40:08,240

a device invented three thousand years

751
00:40:12,710 --> 00:40:10,400
after the tablets were carved

752
00:40:13,810 --> 00:40:12,720
the knowledge must have come from outer

753
00:40:21,190 --> 00:40:13,820
space

754
00:40:22,550 --> 00:40:21,200
[Music]

755
00:40:25,349 --> 00:40:22,560
throughout the world there are

756
00:40:27,190 --> 00:40:25,359
references to interplanetary travel

757
00:40:29,510 --> 00:40:27,200
to some scholars the world's oldest

758
00:40:31,309 --> 00:40:29,520
source of wisdom is in india

759
00:40:33,910 --> 00:40:31,319
this chant is part of a spoken

760
00:40:36,710 --> 00:40:33,920
encyclopedia called the veda

761
00:40:38,710 --> 00:40:36,720
it is at least five thousand years old

762
00:40:41,510 --> 00:40:38,720
and may represent the oldest body of

763
00:40:43,349 --> 00:40:41,520

technical knowledge known to man

764

00:40:45,990 --> 00:40:43,359

the references to space travel are

765

00:40:47,829 --> 00:40:46,000

direct clear descriptions are given of

766

00:40:49,670 --> 00:40:47,839

the craft that was used and the method

767

00:40:52,390 --> 00:40:49,680

of propulsion

768

00:40:53,270 --> 00:40:52,400

the veda committed to paper 400 years

769

00:40:55,030 --> 00:40:53,280

ago

770

00:40:57,589 --> 00:40:55,040

is still the target of intensive

771

00:40:59,990 --> 00:40:57,599

research by scholars such as padmasri

772

00:41:03,430 --> 00:41:00,000

severa murti the director of the

773

00:41:10,870 --> 00:41:07,190

in ancient india as all over the world

774

00:41:13,910 --> 00:41:10,880

they had a desire to travel

775

00:41:18,150 --> 00:41:13,920

in the sky we have

776

00:41:21,349 --> 00:41:18,160

the aerial car of the god of light surya

777

00:41:25,270 --> 00:41:21,359

mentioned in the rigveda itself

778

00:41:29,109 --> 00:41:25,280

we have also the pushpagave a wonderful

779

00:41:32,230 --> 00:41:29,119

aeroplane that could carry any number

780

00:41:35,349 --> 00:41:32,240

mentioned in the ramayana a real

781

00:41:38,790 --> 00:41:35,359

aerial car managed by an engine

782

00:41:41,829 --> 00:41:38,800

the rishis could transport themselves

783

00:41:45,990 --> 00:41:41,839

to any planet that they wanted because

784

00:41:47,829 --> 00:41:46,000

of their siddhi a force known as sidley

785

00:41:50,069 --> 00:41:47,839

might also have been called pyramid

786

00:41:52,069 --> 00:41:50,079

energy using this force

787

00:41:53,510 --> 00:41:52,079

the ancients could transport themselves

788

00:41:55,750 --> 00:41:53,520

anywhere on earth

789

00:41:57,030 --> 00:41:55,760
into the skies and finally to other

790

00:41:58,790 --> 00:41:57,040
planets

791

00:42:02,150 --> 00:41:58,800
and did the mayans use it to link

792

00:42:04,550 --> 00:42:02,160
together their cities

793

00:42:06,069 --> 00:42:04,560
if the tales and images of space travel

794

00:42:07,910 --> 00:42:06,079
were limited to india

795

00:42:11,349 --> 00:42:07,920
they could be dismissed as the product

796

00:42:13,190 --> 00:42:11,359
of overworked imaginations

797

00:42:15,430 --> 00:42:13,200
but how then could we account for

798

00:42:17,040 --> 00:42:15,440
primitive drawings in the rocks of indio

799

00:42:21,910 --> 00:42:17,050
county california

800

00:42:23,829 --> 00:42:21,920
[Music]

801
00:42:26,230 --> 00:42:23,839
in the 20th century we accept the

802
00:42:28,630 --> 00:42:26,240
existence of spacecraft

803
00:42:29,670 --> 00:42:28,640
what event could possibly have inspired

804
00:42:31,589 --> 00:42:29,680
this

805
00:42:32,550 --> 00:42:31,599
000 year old drawing of a spaceship

806
00:42:35,910 --> 00:42:32,560
landing on the earth

807
00:42:39,510 --> 00:42:38,069
on a rocky plain in the andes called

808
00:42:42,829 --> 00:42:39,520
toro muerto

809
00:42:49,320 --> 00:42:42,839
hundreds of petroglyphs depict the same

810
00:42:49,330 --> 00:42:58,870
[Music]

811
00:43:03,589 --> 00:43:01,109
we find evidence of past visits from

812
00:43:06,470 --> 00:43:03,599
space in many parts of the world

813
00:43:08,069 --> 00:43:06,480

the 2200 year old dead sea scrolls found

814

00:43:10,390 --> 00:43:08,079

in the caves of qumran

815

00:43:11,990 --> 00:43:10,400

bring us closer to the original bible

816

00:43:14,870 --> 00:43:12,000

than any other source

817

00:43:15,430 --> 00:43:14,880

and contain clear references to the holy

818

00:43:20,470 --> 00:43:15,440

ones

819

00:43:23,829 --> 00:43:22,309

while biblical scholars study the

820

00:43:25,190 --> 00:43:23,839

scrolls for their theological

821

00:43:26,630 --> 00:43:25,200

implications

822

00:43:28,630 --> 00:43:26,640

other scientists have looked to the

823

00:43:32,069 --> 00:43:28,640

bible for evidence of extraterrestrial

824

00:43:36,069 --> 00:43:34,710

an aerospace engineer at nasa's marshall

825

00:43:38,550 --> 00:43:36,079

space flight center

826
00:43:39,829 --> 00:43:38,560
joseph blumrich has found in the visions

827
00:43:43,990 --> 00:43:39,839
of ezekiel

828
00:43:50,550 --> 00:43:47,190
the prophet ezekiel describes four

829
00:43:54,150 --> 00:43:50,560
encounters with spaceships

830
00:43:56,230 --> 00:43:54,160
at first he saw clouds fire

831
00:43:58,230 --> 00:43:56,240
and you heard noise coming out from the

832
00:44:00,950 --> 00:43:58,240
sky out of the north

833
00:44:01,750 --> 00:44:00,960
and as they approached apparently it

834
00:44:04,950 --> 00:44:01,760
came rather

835
00:44:08,150 --> 00:44:04,960
quite in his direction he

836
00:44:09,990 --> 00:44:08,160
observed what he calls living creatures

837
00:44:11,270 --> 00:44:10,000
but ezekiel cars the living creatures

838
00:44:13,670 --> 00:44:11,280

had straight legs

839

00:44:14,790 --> 00:44:13,680

and round feet or calf's feet sometimes

840

00:44:17,109 --> 00:44:14,800

they're called

841

00:44:18,470 --> 00:44:17,119

and it was the description of these

842

00:44:22,230 --> 00:44:18,480

landing lakes

843

00:44:22,870 --> 00:44:22,240

that made me take the book of ezekiel's

844

00:44:25,750 --> 00:44:22,880

series

845

00:44:26,950 --> 00:44:25,760

from an engineering point of view i have

846

00:44:29,670 --> 00:44:26,960

had

847

00:44:30,870 --> 00:44:29,680

the opportunity about 10 years ago to

848

00:44:34,950 --> 00:44:30,880

work with my group

849

00:44:37,589 --> 00:44:34,960

my office in the for the development

850

00:44:39,670 --> 00:44:37,599

of such landing gear for an unmanned

851
00:44:41,990 --> 00:44:39,680
lunar landing stage

852
00:44:43,670 --> 00:44:42,000
for that hypothetical vehicle we

853
00:44:46,950 --> 00:44:43,680
developed the landing gear

854
00:44:54,950 --> 00:44:46,960
and what we called the foot pan and

855
00:44:58,150 --> 00:44:57,270
translating ezeziel into engineering

856
00:45:00,550 --> 00:44:58,160
terms

857
00:45:02,630 --> 00:45:00,560
mr bloomrich had these artist sketches

858
00:45:04,790 --> 00:45:02,640
made of a landing vehicle supported by

859
00:45:07,190 --> 00:45:04,800
four helicopter units

860
00:45:09,270 --> 00:45:07,200
one of the interesting examples of

861
00:45:12,790 --> 00:45:09,280
ezeziel's ability to observe

862
00:45:14,710 --> 00:45:12,800
and to describe are the faces he sees on

863
00:45:16,309 --> 00:45:14,720

these living creatures

864

00:45:18,470 --> 00:45:16,319

what they actually are is quite

865

00:45:20,550 --> 00:45:18,480

interesting some helicopters in

866

00:45:23,829 --> 00:45:20,560

particular in this case this one

867

00:45:26,150 --> 00:45:23,839

needs protection just some hood around

868

00:45:26,950 --> 00:45:26,160

to protect them against dust or weather

869

00:45:30,829 --> 00:45:26,960

and so on

870

00:45:35,109 --> 00:45:30,839

they may have the distinct appearance of

871

00:45:39,190 --> 00:45:36,950

the faces found in the metal work of

872

00:45:41,030 --> 00:45:39,200

spacecraft may have been the figures

873

00:45:44,829 --> 00:45:41,040

reported by ezekiel

874

00:45:47,030 --> 00:45:44,839

the biblical tale is hardly an isolated

875

00:45:49,430 --> 00:45:47,040

example

876
00:45:51,990 --> 00:45:49,440
are ancient figures with spacesuit like

877
00:45:55,030 --> 00:45:52,000
costumes the record of beings actually

878
00:45:59,190 --> 00:45:57,030
and where do the indians of columbia

879
00:46:00,950 --> 00:45:59,200
find models for these golden helmeted

880
00:46:02,190 --> 00:46:00,960
figures sculpted more than one

881
00:46:09,510 --> 00:46:02,200
thousand years ago

882
00:46:11,670 --> 00:46:09,520
[Music]

883
00:46:13,670 --> 00:46:11,680
the same people molded these golden

884
00:46:21,190 --> 00:46:13,680
objects which looked startlingly like a

885
00:46:25,190 --> 00:46:23,109
could flight have played a role in the

886
00:46:26,230 --> 00:46:25,200
construction of this rocky fortress in

887
00:46:29,190 --> 00:46:26,240
peru

888
00:46:30,710 --> 00:46:29,200

called aliente tumble it spans a pass

889

00:46:33,910 --> 00:46:30,720

through the mountains that link the

890

00:46:37,750 --> 00:46:35,670

the inca builders were accomplished

891

00:46:41,670 --> 00:46:37,760

stone masons who built a chain of

892

00:46:46,309 --> 00:46:43,910

but nowhere is there an explanation for

893

00:46:47,349 --> 00:46:46,319

the technology used to carry enormous

894

00:46:50,550 --> 00:46:47,359

pink slabs

895

00:46:52,230 --> 00:46:50,560

each one more than 60 tons from this

896

00:46:54,550 --> 00:46:52,240

mountain where they were quarried

897

00:46:56,390 --> 00:46:54,560

and then 10 000 feet up the face of

898

00:46:58,470 --> 00:46:56,400

oyante tambo

899

00:47:12,150 --> 00:46:58,480

what else but flight could account for

900

00:47:16,950 --> 00:47:15,670

an iron pillar was forged 1700 years ago

901
00:47:20,069 --> 00:47:16,960
in india

902
00:47:22,069 --> 00:47:20,079
it confounds the laws of metallurgy too

903
00:47:23,510 --> 00:47:22,079
large to have been forged in one piece

904
00:47:29,270 --> 00:47:23,520
so long ago

905
00:47:33,750 --> 00:47:31,910
the bead is turquoise another extremely

906
00:47:36,950 --> 00:47:33,760
hard gemstone

907
00:47:38,980 --> 00:47:36,960
it is 1700 years old and was probably

908
00:47:43,430 --> 00:47:38,990
part of a necklace or bracelet

909
00:47:48,150 --> 00:47:45,910
the hole in each bead has a diameter of

910
00:47:50,309 --> 00:47:48,160
0.19 millimeters

911
00:47:54,390 --> 00:47:50,319
even today we can barely drill holes

912
00:47:57,750 --> 00:47:56,549
the strangely knotted strings are called

913
00:48:00,150 --> 00:47:57,760

kipu

914

00:48:02,309 --> 00:48:00,160

no one today can read them but when the

915

00:48:04,230 --> 00:48:02,319

spaniards first came to peru

916

00:48:06,710 --> 00:48:04,240

the inca kings would call upon their

917

00:48:09,670 --> 00:48:06,720

rememberers who would consult the kipu

918

00:48:10,630 --> 00:48:09,680

and account for every kernel of corn and

919

00:48:13,910 --> 00:48:10,640

man woman and

920

00:48:17,589 --> 00:48:16,230

but the kippu were more than a numerical

921

00:48:19,510 --> 00:48:17,599

accounting system

922

00:48:21,510 --> 00:48:19,520

for with it an accomplished rememberer

923

00:48:23,580 --> 00:48:21,520

could call forth epic poems

924

00:48:25,910 --> 00:48:23,590

historical dates and events

925

00:48:27,829 --> 00:48:25,920

[Music]

926
00:48:29,670 --> 00:48:27,839
the knots show how the decimal system

927
00:48:32,069 --> 00:48:29,680
was used in the kippu

928
00:48:34,470 --> 00:48:32,079
but added to them were colored threads

929
00:48:38,630 --> 00:48:34,480
that offered subtle nuances and shades

930
00:48:42,950 --> 00:48:41,190
so sophisticated was the kiku however

931
00:48:46,829 --> 00:48:42,960
that some investigators believe it was

932
00:48:51,030 --> 00:48:46,839
the inca version of a computer punch

933
00:48:56,630 --> 00:48:52,950
an enormous crystal was placed in a

934
00:48:59,349 --> 00:48:56,640
mochika grave more than 1500 years ago

935
00:48:59,990 --> 00:48:59,359
it is among the hardest of all minerals

936
00:49:02,390 --> 00:49:00,000
yet it was

937
00:49:03,910 --> 00:49:02,400
cut polished and shaped by a technology

938
00:49:06,470 --> 00:49:03,920

that theoretically could not have

939

00:49:10,950 --> 00:49:06,480

existed at that time

940

00:49:15,670 --> 00:49:13,510

other hands carved this skull the

941

00:49:16,950 --> 00:49:15,680

british museum calls it 15th century

942

00:49:20,630 --> 00:49:16,960

aztec

943

00:49:26,549 --> 00:49:20,640

created naturalistic art

944

00:49:30,630 --> 00:49:28,630

it is possible that the mayan jungle

945

00:49:32,710 --> 00:49:30,640

strongholds provided the knowledge that

946

00:49:34,069 --> 00:49:32,720

advanced the civilization of all of the

947

00:49:36,390 --> 00:49:34,079

people on earth

948

00:49:42,390 --> 00:49:36,400

no matter where we look we find evidence

949

00:49:48,549 --> 00:49:45,349

how else can we explain a 700 year old

950

00:49:51,109 --> 00:49:48,559

transplant of a rust-free iron tooth

951
00:49:53,109 --> 00:49:51,119
found in a peruvian grave it seemingly

952
00:49:55,109 --> 00:49:53,119
is as functional as any modern dental

953
00:49:57,270 --> 00:49:55,119
prosthesis

954
00:49:59,190 --> 00:49:57,280
other graves yield a suggestion that the

955
00:50:03,109 --> 00:49:59,200
ancient peruvians were accomplished

956
00:50:07,910 --> 00:50:05,990
at the cuzco archaeological museum dr

957
00:50:09,910 --> 00:50:07,920
fernando caballesi professor of

958
00:50:12,309 --> 00:50:09,920
neurosurgery at the university of san

959
00:50:16,549 --> 00:50:12,319
marco demonstrates

960
00:50:19,750 --> 00:50:16,559
these skulls here are a

961
00:50:22,230 --> 00:50:19,760
just a very small sample of the

962
00:50:23,670 --> 00:50:22,240
tremendous amount of skulls that were

963
00:50:28,230 --> 00:50:23,680

found

964

00:50:31,270 --> 00:50:28,240

in the graves of the ancient peruvians

965

00:50:32,150 --> 00:50:31,280

i think that all in all we have studied

966

00:50:35,829 --> 00:50:32,160

more than 10

967

00:50:37,589 --> 00:50:35,839

000 skulls that have been on earth

968

00:50:39,109 --> 00:50:37,599

now these are some of the instruments

969

00:50:42,309 --> 00:50:39,119

that they used

970

00:50:46,790 --> 00:50:42,319

this is called the tumi tumi knife

971

00:50:50,790 --> 00:50:46,800

which was used this way just to open

972

00:50:54,710 --> 00:50:50,800

the scalp this cannot be used

973

00:50:57,030 --> 00:50:54,720

in the bone

974

00:50:58,069 --> 00:50:57,040

they used to open the bone they use

975

00:51:01,589 --> 00:50:58,079

other bronze

976
00:51:04,710 --> 00:51:01,599
instruments like this just to

977
00:51:05,349 --> 00:51:04,720
pry up the bone like here prying up the

978
00:51:07,349 --> 00:51:05,359
bone

979
00:51:09,190 --> 00:51:07,359
there are some other odd instruments

980
00:51:12,549 --> 00:51:09,200
like this just to

981
00:51:16,630 --> 00:51:12,559
to make these indentations

982
00:51:19,910 --> 00:51:16,640
and there are at least two different

983
00:51:22,390 --> 00:51:19,920
two dozen different other instruments

984
00:51:24,950 --> 00:51:22,400
that were used also

985
00:51:26,710 --> 00:51:24,960
this one here is a very interesting

986
00:51:29,750 --> 00:51:26,720
specimen

987
00:51:32,549 --> 00:51:29,760
it shows a very persistent surgeon

988
00:51:32,950 --> 00:51:32,559

you find here that this man suffered

989

00:51:36,150 --> 00:51:32,960

four

990

00:51:39,510 --> 00:51:36,160

operations and he survived

991

00:51:40,069 --> 00:51:39,520

every one of them either was a very sick

992

00:51:43,670 --> 00:51:40,079

man

993

00:51:46,549 --> 00:51:43,680

or a very persistent individual

994

00:51:47,829 --> 00:51:46,559

who operated on them but he was a very

995

00:51:51,270 --> 00:51:47,839

good technician because

996

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

after all these areas especially these

997

00:51:58,309 --> 00:51:55,200

two openings are right over

998

00:52:01,349 --> 00:51:58,319

very very dangerous sites

999

00:52:04,309 --> 00:52:01,359

that even right now with all the

1000

00:52:04,630 --> 00:52:04,319

techniques that we use now we would just

1001
00:52:06,710 --> 00:52:04,640
be

1002
00:52:08,549 --> 00:52:06,720
very much afraid of operating in these

1003
00:52:11,670 --> 00:52:08,559
sites and this man

1004
00:52:14,710 --> 00:52:11,680
really survived these operations in

1005
00:52:18,950 --> 00:52:14,720
calca near here near cusco

1006
00:52:19,990 --> 00:52:18,960
where about i would say 85 percent of

1007
00:52:24,150 --> 00:52:20,000
these skulls

1008
00:52:28,150 --> 00:52:24,160
show healed trifonations

1009
00:52:31,270 --> 00:52:28,160
85 of survival from

1010
00:52:32,950 --> 00:52:31,280
skull operations is a pretty good and

1011
00:52:37,510 --> 00:52:32,960
excellent

1012
00:52:42,069 --> 00:52:40,309
at the yarkees regional primate center

1013
00:52:43,510 --> 00:52:42,079

scientists implant monkeys with

1014

00:52:45,750 --> 00:52:43,520

electrodes

1015

00:52:46,790 --> 00:52:45,760

the experiment stimulates the brain with

1016

00:52:53,030 --> 00:52:46,800

radio waves

1017

00:52:56,390 --> 00:52:55,109

are today's scientists seeking knowledge

1018

00:52:58,829 --> 00:52:56,400

already gained by

1019

00:53:05,880 --> 00:52:58,839

similar experiments performed centuries

1020

00:53:22,630 --> 00:53:16,310

[Music]

1021

00:53:29,430 --> 00:53:25,190

the monkey house of any zoo provides us

1022

00:53:31,190 --> 00:53:29,440

with a great deal of fun

1023

00:53:35,109 --> 00:53:31,200

but occasionally our laughter is

1024

00:53:37,750 --> 00:53:35,119

accompanied by an uncomfortable feeling

1025

00:53:40,150 --> 00:53:37,760

we're not too different from the apes

1026

00:53:42,790 --> 00:53:40,160

with them we share common blood groups

1027

00:53:44,309 --> 00:53:42,800

a similar anatomy and perhaps a billion

1028

00:54:04,770 --> 00:53:44,319

or more years ago

1029

00:54:22,309 --> 00:54:18,580

[Music]

1030

00:54:22,950 --> 00:54:22,319

sometime in the distant past the links

1031

00:54:25,190 --> 00:54:22,960

between

1032

00:54:26,950 --> 00:54:25,200

man and ape were snapped by an event

1033

00:54:28,160 --> 00:54:26,960

that forever changed the course of our

1034

00:54:31,190 --> 00:54:28,170

evolution

1035

00:54:46,069 --> 00:54:31,200

[Music]

1036

00:54:50,710 --> 00:54:48,549

for thousands of years neanderthal was

1037

00:54:54,309 --> 00:54:50,720

the most advanced primate on earth

1038

00:54:57,109 --> 00:54:54,319

and a logical ancestor of man

1039

00:54:58,630 --> 00:54:57,119

but neanderthal suddenly disappeared 35

1040

00:55:00,789 --> 00:54:58,640

000 years ago

1041

00:55:03,190 --> 00:55:00,799

and now a new creature appeared

1042

00:55:06,470 --> 00:55:03,200

cro-magnon

1043

00:55:08,630 --> 00:55:06,480

suddenly he began to walk the earth

1044

00:55:18,829 --> 00:55:08,640

we are his descendants and it is

1045

00:55:18,839 --> 00:55:22,870

space

1046

00:55:26,950 --> 00:55:25,270

could evidence of cro-magnon's arrival

1047

00:55:32,230 --> 00:55:26,960

be found at tijuana

1048

00:55:36,230 --> 00:55:34,789

on the walls are heads giving to an

1049

00:55:38,390 --> 00:55:36,240

ancient temple the same

1050

00:55:44,309 --> 00:55:38,400

feeling as a modern-day anthropological

1051
00:55:48,549 --> 00:55:46,710
the faces show a bewildering variety of

1052
00:55:51,990 --> 00:55:48,559
shapes and expressions

1053
00:55:53,910 --> 00:55:52,000
some are familiar others alien a range

1054
00:55:57,990 --> 00:55:53,920
that covers the racial spectrum of

1055
00:56:04,410 --> 00:55:58,000
man are these then experimental designs

1056
00:56:10,789 --> 00:56:08,710
[Music]

1057
00:56:14,549 --> 00:56:10,799
how could life have been transported to

1058
00:56:18,470 --> 00:56:17,030
certainly in a universe 13 billion years

1059
00:56:20,390 --> 00:56:18,480
old

1060
00:56:22,789 --> 00:56:20,400
there was time enough for uncounted

1061
00:56:25,670 --> 00:56:22,799
species to rise

1062
00:56:27,589 --> 00:56:25,680
create civilizations and scatter them

1063
00:56:29,589 --> 00:56:27,599

across the universe

1064

00:56:32,830 --> 00:56:29,599

reaching even the small out of the way

1065

00:56:38,789 --> 00:56:32,840

planet called earth

1066

00:56:43,670 --> 00:56:41,109

dr leslie orgel is a biologist at the

1067

00:56:46,069 --> 00:56:43,680

salk institute in california

1068

00:56:46,789 --> 00:56:46,079

he and nobel prize winner sir francis

1069

00:56:48,470 --> 00:56:46,799

crick

1070

00:56:49,910 --> 00:56:48,480

developed the theory of directed

1071

00:56:51,829 --> 00:56:49,920

panspermia

1072

00:56:54,309 --> 00:56:51,839

the idea that life on earth was sent

1073

00:56:57,349 --> 00:56:54,319

here by a superior civilization

1074

00:56:59,430 --> 00:56:57,359

dr horgal in the

1075

00:57:00,870 --> 00:56:59,440

19th century there were two theories

1076

00:57:03,349 --> 00:57:00,880

about how life

1077

00:57:05,109 --> 00:57:03,359

could have got to the earth from outside

1078

00:57:07,589 --> 00:57:05,119

one theory which was due to

1079

00:57:08,549 --> 00:57:07,599

lord kelvin in england said that life

1080

00:57:12,069 --> 00:57:08,559

arrived

1081

00:57:13,510 --> 00:57:12,079

as a spore carried on a meteorite

1082

00:57:17,270 --> 00:57:13,520

and the other theory which was

1083

00:57:19,829 --> 00:57:17,280

popularized by erranus in sweden

1084

00:57:22,069 --> 00:57:19,839

suggested that a spawn could have been

1085

00:57:24,630 --> 00:57:22,079

blown directly from a planet on another

1086

00:57:27,270 --> 00:57:24,640

solar system all the way to the earth

1087

00:57:27,670 --> 00:57:27,280

now in the last 10 or 20 years it's been

1088

00:57:29,430 --> 00:57:27,680

come

1089

00:57:30,950 --> 00:57:29,440

more and more clear that these theories

1090

00:57:34,230 --> 00:57:30,960

just won't work

1091

00:57:36,470 --> 00:57:34,240

but a spore coming from outer space

1092

00:57:38,390 --> 00:57:36,480

would be destroyed by radiation long

1093

00:57:41,030 --> 00:57:38,400

before it got here

1094

00:57:43,430 --> 00:57:41,040

and um a meteorite probably could never

1095

00:57:46,309 --> 00:57:43,440

escape from another solar system

1096

00:57:47,430 --> 00:57:46,319

now directed panspermia is a sort of

1097

00:57:50,789 --> 00:57:47,440

last attempt

1098

00:57:54,069 --> 00:57:50,799

to resurrect the theory that life

1099

00:57:55,589 --> 00:57:54,079

could have come here from elsewhere and

1100

00:57:56,630 --> 00:57:55,599

the notion is that maybe life was

1101
00:57:59,750 --> 00:57:56,640
deliberately sent

1102
00:58:01,990 --> 00:57:59,760
here by a technological society

1103
00:58:13,010 --> 00:58:02,000
on some of our other planet probably in

1104
00:58:13,020 --> 00:58:20,829
[Music]

1105
00:58:34,140 --> 00:58:21,880
so

1106
00:58:34,150 --> 00:58:41,270
[Music]

1107
00:58:45,829 --> 00:58:43,990
to reach earth base 1 spaceships would

1108
00:58:47,349 --> 00:58:45,839
have to spend hundreds of years in

1109
00:58:49,670 --> 00:58:47,359
flight

1110
00:58:51,349 --> 00:58:49,680
to transport and sustain life over such

1111
00:58:53,270 --> 00:58:51,359
an extended time

1112
00:58:55,670 --> 00:58:53,280
space traveling civilization would have

1113
00:58:59,190 --> 00:58:55,680

to ship an entire colony of men

1114

00:59:01,829 --> 00:58:59,200

across a galaxy in suspended animation

1115

00:59:02,549 --> 00:59:01,839

did it happen in the past was this the

1116

00:59:05,510 --> 00:59:02,559

secret of

1117

00:59:11,750 --> 00:59:05,520

early space travelers we now know how it

1118

00:59:15,910 --> 00:59:14,230

the method is called interspecies embryo

1119

00:59:17,510 --> 00:59:15,920

transplantation

1120

00:59:19,829 --> 00:59:17,520

it was developed here at the worcester

1121

00:59:25,349 --> 00:59:19,839

foundation for experimental biology

1122

00:59:30,630 --> 00:59:28,789

in 1952 dr chang took a number of

1123

00:59:31,349 --> 00:59:30,640

fertilized eggs from the womb of a

1124

00:59:34,549 --> 00:59:31,359

rabbit

1125

00:59:36,309 --> 00:59:34,559

and carried them to england there the

1126
00:59:37,430 --> 00:59:36,319
eggs were implanted in the womb of

1127
00:59:40,230 --> 00:59:37,440
another rabbit

1128
00:59:42,150 --> 00:59:40,240
where they came to turn the offspring in

1129
00:59:44,150 --> 00:59:42,160
turn became pregnant

1130
00:59:45,990 --> 00:59:44,160
their fertilized eggs were then taken

1131
00:59:47,589 --> 00:59:46,000
from england and implanted in the

1132
00:59:49,670 --> 00:59:47,599
worcester rabbits

1133
00:59:51,670 --> 00:59:49,680
the worcester colony is now composed of

1134
00:59:53,030 --> 00:59:51,680
the descendants of that first embryo

1135
00:59:56,230 --> 00:59:53,040
implantation

1136
00:59:58,230 --> 00:59:56,240
from cambridge something just like this

1137
01:00:01,190 --> 00:59:58,240
then put into the test tube

1138
01:00:02,230 --> 01:00:01,200

so i put the rabbit's egg into those

1139

01:00:05,270 --> 01:00:02,240

tubes and put

1140

01:00:06,309 --> 01:00:05,280

into a flask and bring back then

1141

01:00:08,870 --> 01:00:06,319

transplant

1142

01:00:10,309 --> 01:00:08,880

by reaching into the heart of this cell

1143

01:00:12,230 --> 01:00:10,319

scientists are challenging our

1144

01:00:13,589 --> 01:00:12,240

traditional concepts of life and

1145

01:00:15,990 --> 01:00:13,599

morality

1146

01:00:17,990 --> 01:00:16,000

yet faced with the threat of extinction

1147

01:00:21,190 --> 01:00:18,000

a species capable of finding its

1148

01:00:23,270 --> 01:00:21,200

salvation in an advanced biotechnology

1149

01:00:25,990 --> 01:00:23,280

would surely seize the opportunity i

1150

01:00:27,270 --> 01:00:26,000

think it's possible to transport our

1151
01:00:33,109 --> 01:00:27,280
human eggs from

1152
01:00:36,230 --> 01:00:35,750
our own biotechnology has made of the

1153
01:00:38,870 --> 01:00:36,240
rabbit

1154
01:00:39,510 --> 01:00:38,880
a container in which entire herds of

1155
01:00:41,670 --> 01:00:39,520
cattle

1156
01:00:44,470 --> 01:00:41,680
flocks of sheep and other animals are

1157
01:00:46,390 --> 01:00:44,480
shipped around the world

1158
01:00:47,510 --> 01:00:46,400
at the wayne state medical center in

1159
01:00:50,309 --> 01:00:47,520
detroit

1160
01:00:52,390 --> 01:00:50,319
dr e s e hoffis has just received a

1161
01:00:54,549 --> 01:00:52,400
rabbit from south america

1162
01:01:12,789 --> 01:00:54,559
it carries embryonic additions to his

1163
01:01:19,670 --> 01:01:15,910

the idea of embryo transfer is to

1164

01:01:22,950 --> 01:01:19,680

obtain large number of embryos

1165

01:01:26,870 --> 01:01:22,960

from one species and ship them to

1166

01:01:30,069 --> 01:01:26,880

another part of the world in

1167

01:01:35,510 --> 01:01:30,079

the easy species like the rabbit

1168

01:01:42,789 --> 01:01:39,349

and we'll have 200 embryos of monkeys

1169

01:01:48,230 --> 01:01:42,799

in them in this one right the first

1170

01:02:02,870 --> 01:01:52,870

the embryo

1171

01:02:06,230 --> 01:02:04,829

it's going in the lumen which is very

1172

01:02:12,390 --> 01:02:06,240

good me

1173

01:02:12,400 --> 01:02:15,589

then examination

1174

01:02:15,599 --> 01:02:32,069

of the embryo under the microscope

1175

01:02:38,870 --> 01:02:35,349

then the transfer of the embryo into

1176
01:02:39,589 --> 01:02:38,880
another species and then we will go to

1177
01:02:44,390 --> 01:02:39,599
the monkey

1178
01:02:49,270 --> 01:02:44,400
were put in the rabbit

1179
01:02:51,109 --> 01:02:49,280
into this monkey

1180
01:02:58,950 --> 01:02:51,119
i don't like to put any air bubbles

1181
01:03:05,490 --> 01:03:00,829
and i think this is ready to go to the

1182
01:04:16,390 --> 01:04:13,430
[Music]

1183
01:04:18,230 --> 01:04:16,400
a colony of cells lives in the bottle

1184
01:04:19,670 --> 01:04:18,240
the red fluid in which they float is

1185
01:04:21,430 --> 01:04:19,680
their food

1186
01:04:23,190 --> 01:04:21,440
tissue cultures such as this have

1187
01:04:26,549 --> 01:04:23,200
supported colonies of the same

1188
01:04:27,270 --> 01:04:26,559

cells for more than 50 years in the same

1189

01:04:29,589 --> 01:04:27,280

manner

1190

01:04:30,470 --> 01:04:29,599

a colony of fertilized human eggs or

1191

01:04:32,390 --> 01:04:30,480

embryos

1192

01:04:34,870 --> 01:04:32,400

might be kept alive during the long

1193

01:04:36,870 --> 01:04:34,880

journey between the stars

1194

01:04:39,109 --> 01:04:36,880

periodically several embryos would be

1195

01:04:42,069 --> 01:04:39,119

implanted into female crew members

1196

01:04:42,950 --> 01:04:42,079

be born grow and take their place in the

1197

01:04:44,870 --> 01:04:42,960

crew

1198

01:04:47,430 --> 01:04:44,880

caring for the embryo colony that would

1199

01:04:49,590 --> 01:04:47,440

one day be planted in a new world

1200

01:04:52,069 --> 01:04:49,600

light years from their home planet

1201

01:04:54,630 --> 01:04:52,079

[Music]

1202

01:04:57,109 --> 01:04:54,640

in just such a fashion a rocket might

1203

01:04:59,670 --> 01:04:57,119

have crossed the reaches of open space

1204

01:05:21,660 --> 01:04:59,680

and brought to earth an embryonic colony

1205

01:05:28,950 --> 01:05:26,870

[Music]

1206

01:05:34,470 --> 01:05:28,960

do ancient drawings commemorate the

1207

01:05:37,990 --> 01:05:37,670

all over the world men have cut shaped

1208

01:05:40,710 --> 01:05:38,000

and

1209

01:05:42,610 --> 01:05:40,720

gouged the earth to create images that

1210

01:05:46,710 --> 01:05:42,620

could only be seen from the heavens

1211

01:05:50,150 --> 01:05:48,870

the more we understand the progress of

1212

01:05:51,750 --> 01:05:50,160

modern science

1213

01:05:58,910 --> 01:05:51,760

the more we must re-examine the

1214

01:06:05,430 --> 01:06:03,670

[Music]

1215

01:06:07,750 --> 01:06:05,440

the ancient egyptians built an

1216

01:06:13,750 --> 01:06:07,760

incredible complex of temples that were

1217

01:06:17,430 --> 01:06:16,549

the temple of aman the sun god and

1218

01:06:19,109 --> 01:06:17,440

creator

1219

01:06:20,789 --> 01:06:19,119

is aligned so that its axis points

1220

01:06:27,570 --> 01:06:20,799

directly to the sun

1221

01:06:27,580 --> 01:06:30,950

[Music]

1222

01:06:34,870 --> 01:06:33,430

the temples of mutt and kansu the

1223

01:06:37,109 --> 01:06:34,880

consort of ra

1224

01:06:39,829 --> 01:06:37,119

form an axis that points to the crescent

1225

01:06:44,230 --> 01:06:39,839

moon that rises the day after the summer

1226

01:06:47,829 --> 01:06:46,549

egyptian astronomy was both practical

1227

01:06:49,430 --> 01:06:47,839

and spiritual

1228

01:06:51,349 --> 01:06:49,440

for it allowed them to predict the

1229

01:06:54,549 --> 01:06:51,359

annual flooding of the Nile

1230

01:06:57,270 --> 01:06:54,559

and thus know when to plant their crops

1231

01:07:00,549 --> 01:06:57,280

but more important the temple lines

1232

01:07:04,950 --> 01:07:00,559

could be followed directly to the sun

1233

01:07:09,029 --> 01:07:07,349

to the ancient Egyptians death was but a

1234

01:07:12,470 --> 01:07:09,039

doorway that led from a life of

1235

01:07:14,630 --> 01:07:12,480

insignificance to eternal life

1236

01:07:15,670 --> 01:07:14,640

and so the Egyptian pharaohs crossed

1237

01:07:17,589 --> 01:07:15,680

from Karnak

1238

01:07:18,870 --> 01:07:17,599

on the east bank of the Nile where the

1239

01:07:21,029 --> 01:07:18,880

living dwelled

1240

01:07:26,069 --> 01:07:21,039

to the west bank where they entered the

1241

01:07:32,120 --> 01:07:28,309

once within the city of the dead the

1242

01:07:40,829 --> 01:07:32,130

pharaoh was prepared for a journey into

1243

01:07:51,190 --> 01:07:43,500

space

1244

01:07:57,430 --> 01:07:55,029

[Music]

1245

01:07:59,029 --> 01:07:57,440

in the light of present-day knowledge

1246

01:08:00,150 --> 01:07:59,039

the ancient Egyptian art of

1247

01:08:02,390 --> 01:08:00,160

mummification

1248

01:08:06,230 --> 01:08:02,400

seems an echo of modern day preparations

1249

01:08:11,589 --> 01:08:08,630

the Egyptians believe that two spirits

1250

01:08:14,309 --> 01:08:11,599

remain with a man after death

1251

01:08:15,670 --> 01:08:14,319

the second spirit the bar was the space

1252

01:08:18,229 --> 01:08:15,680

traveler

1253

01:08:19,269 --> 01:08:18,239

each night the ball left the body and

1254

01:08:21,269 --> 01:08:19,279

traveled with the sun

1255

01:08:25,910 --> 01:08:21,279

through space until it returned to light

1256

01:08:28,950 --> 01:08:28,309

to the ancient egyptians the kaa and the

1257

01:08:32,070 --> 01:08:28,960

ba

1258

01:08:34,630 --> 01:08:32,080

were not abstract disembodied ghosts but

1259

01:08:41,910 --> 01:08:34,640

real entities and they required a place

1260

01:08:45,590 --> 01:08:43,829

the burial tombs of the pharaohs were

1261

01:08:47,990 --> 01:08:45,600

therefore far more elaborate and more

1262

01:08:53,910 --> 01:08:48,000

richly decorated than any of the palaces

1263

01:08:57,910 --> 01:08:55,990

the death rites of the egyptians may

1264

01:09:00,229 --> 01:08:57,920

well have been imitations of an event

1265

01:09:04,829 --> 01:09:00,239

they had been told of or witnessed

1266

01:09:04,839 --> 01:09:08,590

space

1267

01:09:12,950 --> 01:09:10,709

[Music]

1268

01:09:16,709 --> 01:09:12,960

the pyramids were more than mere tombs

1269

01:09:20,470 --> 01:09:18,630

the great pyramid of chiops is an

1270

01:09:21,269 --> 01:09:20,480

almanac that measures the days of the

1271

01:09:23,510 --> 01:09:21,279

year

1272

01:09:25,860 --> 01:09:23,520

the circumference of the earth and the

1273

01:09:27,269 --> 01:09:25,870

distance to the sun

1274

01:09:29,349 --> 01:09:27,279

[Music]

1275

01:09:31,189 --> 01:09:29,359

the egyptian pyramids have been studied

1276

01:09:32,709 --> 01:09:31,199

by many scientists

1277

01:09:35,669 --> 01:09:32,719

but the great breakthroughs have been

1278

01:09:37,590 --> 01:09:35,679

made by physicist patrick flanagan

1279

01:09:39,269 --> 01:09:37,600

his studies have shown the peculiar

1280

01:09:43,990 --> 01:09:39,279

function of the pyramid

1281

01:09:48,630 --> 01:09:45,829

it's very possible that the great

1282

01:09:51,749 --> 01:09:48,640

pyramid of giza was constructed by

1283

01:09:52,709 --> 01:09:51,759

a race of scientists having far superior

1284

01:09:55,590 --> 01:09:52,719

knowledge to our

1285

01:09:56,070 --> 01:09:55,600

own the fact that the great pyramid is

1286

01:09:58,950 --> 01:09:56,080

level

1287

01:09:59,910 --> 01:09:58,960

over an area of 14 acres within one half

1288

01:10:01,830 --> 01:09:59,920

of an inch

1289

01:10:04,310 --> 01:10:01,840

and is the world's most accurately

1290

01:10:06,390 --> 01:10:04,320

aligned building to true north

1291

01:10:07,910 --> 01:10:06,400

and the fact that it incorporates higher

1292

01:10:11,270 --> 01:10:07,920

mathematics

1293

01:10:14,950 --> 01:10:11,280

in its very design indicate that a

1294

01:10:17,910 --> 01:10:14,960

superior race designed the great pyramid

1295

01:10:20,070 --> 01:10:17,920

now when we ask why is there possibility

1296

01:10:22,550 --> 01:10:20,080

for instance that the great pyramid

1297

01:10:24,390 --> 01:10:22,560

is some kind of space beacon well this

1298

01:10:25,590 --> 01:10:24,400

may be very possible that the great

1299

01:10:28,870 --> 01:10:25,600

pyramid is

1300

01:10:32,950 --> 01:10:28,880

some kind of beacon a homing beacon for

1301

01:10:35,510 --> 01:10:32,960

a spaceships this possibility exists

1302

01:10:37,750 --> 01:10:35,520

due to the fact that even with our most

1303

01:10:39,590 --> 01:10:37,760

powerful radio telescopes we have been

1304

01:10:42,229 --> 01:10:39,600

unable to detect any kind of

1305

01:10:44,470 --> 01:10:42,239

communications going on in outer space

1306

01:10:45,350 --> 01:10:44,480

and yet ufo sightings indicate that

1307

01:10:48,070 --> 01:10:45,360

there is

1308

01:10:50,390 --> 01:10:48,080

activity in outer space therefore the

1309

01:10:51,990 --> 01:10:50,400

ufos must be using another form of

1310

01:10:54,070 --> 01:10:52,000

energy to communicate

1311

01:10:56,070 --> 01:10:54,080

by and it's very possible that the

1312

01:10:57,110 --> 01:10:56,080

energy phenomena associated with the

1313

01:11:00,470 --> 01:10:57,120

pyramid

1314

01:11:03,110 --> 01:11:00,480

is the energy used for communications by

1315

01:11:06,390 --> 01:11:03,120

ufos

1316

01:11:09,430 --> 01:11:06,400

it's very possible that pyramid energy

1317

01:11:11,430 --> 01:11:09,440

could be used to preserve tissues over

1318

01:11:14,470 --> 01:11:11,440

extended period of time

1319

01:11:17,510 --> 01:11:14,480

such as on long space travel

1320

01:11:19,189 --> 01:11:17,520

or for preserving tissues for cloning

1321

01:11:22,470 --> 01:11:19,199

purposes

1322

01:11:25,750 --> 01:11:22,480

for future cell regeneration

1323

01:11:27,830 --> 01:11:25,760

the pyramids phenomenal ability or the

1324

01:11:31,590 --> 01:11:27,840

pyramid energy

1325

01:11:34,310 --> 01:11:31,600

ability to mummify food

1326

01:11:35,270 --> 01:11:34,320

so completely with no destruction of the

1327

01:11:37,430 --> 01:11:35,280

tissue

1328

01:11:38,630 --> 01:11:37,440

indicates that it would be a very

1329

01:11:42,310 --> 01:11:38,640

valuable natural

1330

01:11:44,950 --> 01:11:42,320

source of preservative energy

1331

01:11:46,070 --> 01:11:44,960

for cloning purposes or for for

1332

01:11:48,709 --> 01:11:46,080

preserving anything

1333

01:11:54,709 --> 01:11:48,719

any cell structures for an extended

1334

01:11:57,189 --> 01:11:54,719

period of time and so for

1335

01:11:58,709 --> 01:11:57,199

thousands of years the mummified body

1336

01:12:01,270 --> 01:11:58,719

tissues of the pharaohs

1337

01:12:05,030 --> 01:12:01,280

rested near the pyramids along with an

1338

01:12:10,870 --> 01:12:05,040

exact record of every day spat on earth

1339

01:12:15,669 --> 01:12:13,110

had egyptian priests been told that

1340

01:12:17,750 --> 01:12:15,679

reincarnation of a body was possible if

1341

01:12:19,750 --> 01:12:17,760

its cells were preserved

1342

01:12:22,390 --> 01:12:19,760

the diary would then serve as a coded

1343

01:12:24,550 --> 01:12:22,400

memory for a new body

1344

01:12:26,149 --> 01:12:24,560

immortality would then depend on the

1345

01:12:28,390 --> 01:12:26,159

pyramid shape

1346

01:12:30,310 --> 01:12:28,400

a form whose beginnings are seen at

1347

01:12:33,510 --> 01:12:30,320

earth base one

1348

01:12:36,950 --> 01:12:33,520

[Music]

1349

01:12:38,709 --> 01:12:36,960

at tianaco earth base one a mound of

1350

01:12:40,149 --> 01:12:38,719

dirt covers the foundation of an

1351

01:12:43,270 --> 01:12:40,159

enormous pyramid

1352

01:12:45,110 --> 01:12:43,280

more than fifteen thousand years old

1353

01:12:53,750 --> 01:12:45,120

at virtually every site of ancient

1354

01:12:59,030 --> 01:12:56,310

a mayan stronghold there stands another

1355

01:13:01,110 --> 01:12:59,040

perfectly aligned pyramid

1356

01:13:04,870 --> 01:13:01,120

more than a storehouse of mathematical

1357

01:13:06,950 --> 01:13:04,880

data it concentrates biocosmic energy

1358

01:13:10,229 --> 01:13:06,960

a force that the mayans may have used to

1359

01:13:20,070 --> 01:13:12,470

today's science is just beginning to

1360

01:13:24,390 --> 01:13:22,310

the hope of immortality is contained in

1361

01:13:25,990 --> 01:13:24,400

a genetic message stored in the nucleus

1362

01:13:29,110 --> 01:13:26,000

of the cell

1363

01:13:31,430 --> 01:13:29,120

when the cell divides that message coded

1364

01:13:33,110 --> 01:13:31,440

in chemical units within the genes

1365

01:13:35,110 --> 01:13:33,120

is transmitted to each of the new

1366

01:13:37,270 --> 01:13:35,120

daughter cells

1367

01:13:38,149 --> 01:13:37,280

so long as that message is stored within

1368

01:13:41,030 --> 01:13:38,159

the cell

1369

01:13:49,030 --> 01:13:41,040

it remains alive and so too does the

1370

01:13:53,430 --> 01:13:51,430

in the life cycle of the axolotl a

1371

01:13:54,229 --> 01:13:53,440

prehistoric seeming creature named for

1372

01:13:57,189 --> 01:13:54,239

the aztec

1373

01:14:02,950 --> 01:13:57,199

god of death and resurrection scientists

1374

01:14:08,229 --> 01:14:05,830

at the university of indiana dr janice

1375

01:14:09,669 --> 01:14:08,239

brothers uses the cells of one axolotl

1376

01:14:11,590 --> 01:14:09,679

to create others

1377

01:14:14,950 --> 01:14:11,600

exact duplicates that are in every

1378

01:14:17,350 --> 01:14:14,960

respect identical to the cell donors

1379

01:14:18,870 --> 01:14:17,360

the process is called cloning and it

1380

01:14:19,669 --> 01:14:18,880

makes theoretically possible the

1381

01:14:22,229 --> 01:14:19,679

creation of an

1382

01:14:24,229 --> 01:14:22,239

army of identical creatures with exactly

1383

01:14:28,070 --> 01:14:24,239

the same physical and genetic features

1384

01:14:30,630 --> 01:14:28,080

and capabilities

1385

01:14:32,390 --> 01:14:30,640

eggs are collected from a white axolotl

1386

01:14:34,070 --> 01:14:32,400

if fertilized normally the eggs would

1387

01:14:36,790 --> 01:14:34,080

divide into a number of new

1388

01:14:37,750 --> 01:14:36,800

different axolotls sharing is their one

1389

01:14:41,590 --> 01:14:37,760

common trait

1390

01:14:45,189 --> 01:14:43,510

but these eggs are destined to serve

1391

01:14:47,750 --> 01:14:45,199

only as carriers

1392

01:14:50,149 --> 01:14:47,760

mere biological potty containing no

1393

01:14:52,950 --> 01:14:50,159

genetic message of their own

1394

01:14:54,950 --> 01:14:52,960

the egg nucleus is destroyed it can no

1395

01:14:56,390 --> 01:14:54,960

longer be fertilized and developed in a

1396

01:14:58,310 --> 01:14:56,400

normal manner

1397

01:15:00,229 --> 01:14:58,320

it can no longer provide any genetic

1398

01:15:17,910 --> 01:15:00,239

instructions to the individual that will

1399

01:15:30,790 --> 01:15:20,470

a spotted axolotl embryo becomes the

1400

01:15:35,189 --> 01:15:33,030

carefully the nucleus of a single cell

1401

01:15:37,590 --> 01:15:35,199

that carries the genetic information

1402

01:15:38,870 --> 01:15:37,600

is teased free and pulled into the

1403

01:15:40,790 --> 01:15:38,880

pipette

1404

01:15:50,950 --> 01:15:40,800

it'll provide all the instructions

1405

01:15:54,950 --> 01:15:53,030

the nucleus is inserted into the

1406

01:15:57,430 --> 01:15:54,960

unfertilized egg

1407

01:15:59,830 --> 01:15:57,440

one by one cells from the same embryo

1408

01:16:02,709 --> 01:15:59,840

can be implanted in host eggs

1409

01:16:04,470 --> 01:16:02,719

the results will be clones a total

1410

01:16:11,260 --> 01:16:04,480

replica of the creature from which the

1411

01:16:11,270 --> 01:16:18,550

[Music]

1412

01:16:21,910 --> 01:16:20,470

each of the eggs carries the same

1413

01:16:23,990 --> 01:16:21,920

genetic instructions

1414

01:16:25,030 --> 01:16:24,000

and will develop into carbon copies of

1415

01:16:38,390 --> 01:16:25,040

each other

1416

01:17:06,870 --> 01:17:05,110

[Music]

1417

01:17:09,350 --> 01:17:06,880

the virgin births have brought forth

1418

01:17:10,630 --> 01:17:09,360

identical spot by spot copies of a

1419

01:17:18,290 --> 01:17:10,640

single parent

1420

01:17:31,350 --> 01:17:28,390

[Music]

1421

01:17:33,590 --> 01:17:31,360

full each axolotl looms like the

1422

01:17:36,310 --> 01:17:33,600

prehistoric monsters that roam the earth

1423

01:17:38,470 --> 01:17:36,320

during the age of the dinosaurs

1424

01:17:39,590 --> 01:17:38,480

but these creatures are so far removed

1425

01:17:42,149 --> 01:17:39,600

from that time

1426

01:17:43,270 --> 01:17:42,159

as to be of another world for they are

1427

01:18:05,350 --> 01:17:43,280

clones

1428

01:18:09,910 --> 01:18:07,669

scientists like dr brothers are opposed

1429

01:18:12,149 --> 01:18:09,920

to cloning human beings

1430

01:18:13,110 --> 01:18:12,159

forecloning creates a rigid mole that

1431

01:18:15,750 --> 01:18:13,120

will stabilize

1432

01:18:19,510 --> 01:18:15,760

one form and that runs counter to the

1433

01:18:22,229 --> 01:18:19,520

design of human creation and evolution

1434

01:18:24,310 --> 01:18:22,239

for only in our genetic variety have we

1435

01:18:26,550 --> 01:18:24,320

gained the traits needed to survive the

1436

01:18:28,470 --> 01:18:26,560

changes in the earthly environment

1437

01:18:33,290 --> 01:18:28,480

and perhaps also those we shall find on

1438

01:18:38,470 --> 01:18:35,990

[Music]

1439

01:18:40,950 --> 01:18:38,480

the clone is a biological wonder that

1440

01:18:43,110 --> 01:18:40,960

may one day enable us to reproduce exact

1441

01:18:45,669 --> 01:18:43,120

copies of animals and plants

1442

01:18:56,610 --> 01:18:45,679

needed to perform as yet unknown tasks

1443

01:18:56,620 --> 01:19:07,189

[Music]

1444

01:19:12,229 --> 01:19:09,830

the evidence is sometimes dim often

1445

01:19:15,350 --> 01:19:12,239

subject to different interpretations

1446

01:19:15,830 --> 01:19:15,360

but somehow the idea persists the earth

1447

01:19:22,550 --> 01:19:15,840

has been

1448

01:19:24,870 --> 01:19:22,560

visited before and will be again

1449

01:19:34,790 --> 01:19:24,880

the question remains how will we

1450

01:19:37,990 --> 01:19:37,030

at the yerkes primate center in atlanta

1451

01:19:39,669 --> 01:19:38,000

georgia

1452

01:19:50,149 --> 01:19:39,679

experiments are underway at this very

1453

01:19:53,110 --> 01:19:50,159

moment to answer that question

1454

01:20:02,950 --> 01:19:53,120

this is lana she lives in a plastic cage

1455

01:20:15,270 --> 01:20:04,870

lana can tell the computer to provide

1456

01:20:18,950 --> 01:20:17,750

the symbols are abstract not pictures of

1457

01:20:21,590 --> 01:20:18,960

real objects

1458

01:20:23,430 --> 01:20:21,600

and by using them lana is in reality

1459

01:20:25,350 --> 01:20:23,440

using language as well as any human

1460

01:20:27,270 --> 01:20:25,360

being

1461

01:20:28,950 --> 01:20:27,280

to get beyond the confines of her

1462

01:20:30,870 --> 01:20:28,960

plastic wall world

1463

01:20:34,050 --> 01:20:30,880

lana tells the computer to open the

1464

01:20:37,180 --> 01:20:36,270

[Music]

1465

01:20:45,030 --> 01:20:37,190

[Applause]

1466

01:20:49,270 --> 01:20:47,110

she orders the computer to display

1467

01:20:51,510 --> 01:20:49,280

motion pictures and slides for her own

1468

01:20:54,229 --> 01:20:51,520

amusement

1469

01:20:56,310 --> 01:20:54,239

but more important lana can use the

1470

01:20:58,629 --> 01:20:56,320

computer to talk to the scientists and

1471

01:21:00,470 --> 01:20:58,639

technicians at yerkes

1472

01:21:07,750 --> 01:21:00,480

one of lana's favorite conversation

1473

01:21:11,430 --> 01:21:09,990

tim has a computer panel just outside

1474

01:21:12,830 --> 01:21:11,440

lena's room

1475

01:21:33,110 --> 01:21:12,840

they talk to each other through the

1476

01:21:36,950 --> 01:21:35,110

the language they share is not chimp

1477

01:21:39,910 --> 01:21:36,960

chirping or english

1478

01:21:41,750 --> 01:21:39,920

but a language of symbols called yurkish

1479

01:21:43,430 --> 01:21:41,760

it was designed by dr ernst von

1480

01:21:46,550 --> 01:21:43,440

klauserfeldt

1481

01:21:49,750 --> 01:21:46,560

you have a breakdown of it here a

1482

01:21:52,950 --> 01:21:49,760

partial breakdown for all the requests

1483

01:21:56,070 --> 01:21:52,960

that lana can use please

1484

01:21:58,070 --> 01:21:56,080

is a marker that tells

1485

01:21:59,510 --> 01:21:58,080

that what is coming is going to be a

1486

01:22:02,709 --> 01:21:59,520

request

1487

01:22:04,870 --> 01:22:02,719

machine and tim are two active agents

1488

01:22:06,390 --> 01:22:04,880

in the case of machine there are two

1489

01:22:10,950 --> 01:22:06,400

activities

1490

01:22:13,990 --> 01:22:10,960

giving and making giving has a number of

1491

01:22:17,510 --> 01:22:14,000

objects one of them would be

1492

01:22:20,870 --> 01:22:17,520

piece of apple it could also be

1493

01:22:23,990 --> 01:22:20,880

piece of banana if

1494

01:22:26,790 --> 01:22:24,000

the machine is making something

1495

01:22:28,390 --> 01:22:26,800

it can't make a piece of apple it can't

1496

01:22:32,629 --> 01:22:28,400

make a piece of banana

1497

01:22:40,310 --> 01:22:32,639

or an m m it can only make a slide

1498

01:22:43,830 --> 01:22:42,629

lana forms perfect sentences that

1499

01:22:46,950 --> 01:22:43,840

communicate specific

1500

01:22:48,229 --> 01:22:46,960

ideas she has language in common with

1501
01:22:50,149 --> 01:22:48,239
tim

1502
01:22:51,990 --> 01:22:50,159
the experiment is not as sterile as it

1503
01:22:58,550 --> 01:22:52,000
looks tim and lana

1504
01:23:11,710 --> 01:23:05,990
can tim visit lana he asks

1505
01:23:16,229 --> 01:23:14,310
[Music]

1506
01:23:18,550 --> 01:23:16,239
much of tim and lana's friendship is

1507
01:23:24,870 --> 01:23:18,560
based upon proper social behavior

1508
01:23:24,880 --> 01:23:39,730
and so tim asks can tim groom lana

1509
01:23:39,740 --> 01:23:46,830
[Music]

1510
01:23:46,840 --> 01:23:58,709
yes

1511
01:24:18,709 --> 01:24:02,070
will rana groom tim

1512
01:24:23,669 --> 01:24:21,430
it's not yet planet of the apes but lana

1513
01:24:25,669 --> 01:24:23,679

has demonstrated the ability to utilize

1514

01:24:28,149 --> 01:24:25,679

man's most sophisticated tool

1515

01:24:29,430 --> 01:24:28,159

the computer and his most important

1516

01:24:32,149 --> 01:24:29,440

intellectual attainment

1517

01:24:33,270 --> 01:24:32,159

language we can learn a great deal from

1518

01:24:35,270 --> 01:24:33,280

this experiment

1519

01:24:37,350 --> 01:24:35,280

for anyone reaching the earth from the

1520

01:24:39,510 --> 01:24:37,360

deep recesses of space

1521

01:24:41,990 --> 01:24:39,520

may occupy about the same position on

1522

01:24:45,110 --> 01:24:42,000

the intelligence scale relative to us

1523

01:24:47,030 --> 01:24:45,120

as we do in relation to lana

1524

01:24:49,110 --> 01:24:47,040

but it also means that we have found at

1525

01:24:58,190 --> 01:24:49,120

least one means of communicating

1526

01:25:00,790 --> 01:24:58,200

with a totally alien species

1527

01:25:03,189 --> 01:25:00,800

[Music]

1528

01:25:03,990 --> 01:25:03,199

a language of symbols carved thousands

1529

01:25:07,350 --> 01:25:04,000

of years ago

1530

01:25:09,110 --> 01:25:07,360

is still being deciphered we know the

1531

01:25:11,110 --> 01:25:09,120

mayans left a calendar

1532

01:25:12,470 --> 01:25:11,120

one that stretches back more than 90

1533

01:25:14,470 --> 01:25:12,480

million years

1534

01:25:17,270 --> 01:25:14,480

long before a civilized man roamed the

1535

01:25:26,950 --> 01:25:17,280

earth and forward in time to a day that

1536

01:25:29,189 --> 01:25:26,960

will mark the close of a crucial cycle

1537

01:25:31,590 --> 01:25:29,199

an inscription tells us that the modern

1538

01:25:35,750 --> 01:25:31,600

period will end december 24th

1539

01:25:38,070 --> 01:25:35,760

2011 a d we may presume that they were

1540

01:25:44,629 --> 01:25:38,080

computing the length of a space voyage

1541

01:25:49,030 --> 01:25:47,030

they may return to seek the fate of the

1542

01:25:51,270 --> 01:25:49,040

colony left on earth

1543

01:25:55,030 --> 01:25:51,280

perhaps at small they will find answers

1544

01:25:56,950 --> 01:25:55,040

we have never been able to define

1545

01:25:58,550 --> 01:25:56,960

this was one of the last bastions of

1546

01:26:01,270 --> 01:25:58,560

mayan society

1547

01:26:03,189 --> 01:26:01,280

and here a carving is found unlike any

1548

01:26:06,709 --> 01:26:03,199

other in mayan lore

1549

01:26:08,870 --> 01:26:06,719

clearly a skull and crossed bones

1550

01:26:09,910 --> 01:26:08,880

according to legend it is the death

1551
01:26:11,990 --> 01:26:09,920
house

1552
01:26:13,910 --> 01:26:12,000
and nearby is another structure marked

1553
01:26:19,910 --> 01:26:13,920
by a procession of turtles

1554
01:26:23,430 --> 01:26:22,229
did the final experiments at cloning

1555
01:26:25,620 --> 01:26:23,440
take place here

1556
01:26:29,590 --> 01:26:25,630
near the great pyramid of ushmal

1557
01:26:33,189 --> 01:26:29,600
[Music]

1558
01:26:36,709 --> 01:26:33,199
december 24th christmas eve 2011

1559
01:26:39,669 --> 01:26:36,719
a d on that day they may return to seek

1560
01:26:41,430 --> 01:26:39,679
the fate of the colony left on earth

1561
01:26:44,149 --> 01:26:41,440
perhaps they will settle in the jungle

1562
01:26:46,390 --> 01:26:44,159
of ishmael where according to legend

1563
01:26:47,430 --> 01:26:46,400

mayan priests talk to their gods through

1564

01:26:50,229 --> 01:26:47,440

a black shiny

1565

01:26:52,550 --> 01:26:50,239

glass-like rock an ancient description

1566

01:26:54,550 --> 01:26:52,560

of a television receiver

1567

01:26:55,990 --> 01:26:54,560

we know now how they transported the

1568

01:26:58,629 --> 01:26:56,000

colony to earth

1569

01:27:00,070 --> 01:26:58,639

and what they might have left behind we

1570

01:27:06,030 --> 01:27:00,080

have only to learn

1571

01:27:06,040 --> 01:27:43,750

[Music]

1572

01:27:43,760 --> 01:27:58,830

[Applause]

1573

01:27:58,840 --> 01:28:12,830

wow

1574

01:28:54,830 --> 01:28:23,950

is