

STARTLING PROOF THAT WE ARE NOT ALONE IN THE UNIVERSE...



# THE OUTER SPACE CONNECTION

**G**  
ALL AGES ADMITTED  
GENERAL AUDIENCES



produced by Alan Landsberg productions  
written and directed by Fred Warshofsky  
narrated by Rod Serling color by C.F.I.  
Released by Sun Classic Pictures® 1975



NOW A BEST SELLER  
FROM BANTAM BOOKS

SUN CLASSIC PICTURES

1  
00:00:15,910 --> 00:00:13,669  
the motion picture you're about to see

2  
00:00:22,310 --> 00:00:15,920  
was filmed by four teams of cameramen in

3  
00:00:26,390 --> 00:00:24,150  
scientists representing more than 40

4  
00:00:28,230 --> 00:00:26,400  
museums and research centers took part

5  
00:00:30,710 --> 00:00:28,240  
in the explorations

6  
00:00:32,709 --> 00:00:30,720  
there are no actors in the film every

7  
00:00:34,310 --> 00:00:32,719  
location is real

8  
00:00:35,830 --> 00:00:34,320  
the facts that will be presented are

9  
00:00:37,830 --> 00:00:35,840  
true

10  
00:00:39,190 --> 00:00:37,840  
this may be the most startling and

11  
00:01:10,830 --> 00:00:39,200  
controversial film

12  
00:01:10,840 --> 00:01:24,830  
uh

13  
00:01:35,190 --> 00:01:27,190

if

14

00:01:35,200 --> 00:01:38,830

[Music]

15

00:01:38,840 --> 00:01:49,670

is

16

00:01:52,710 --> 00:01:52,069

they have been to earth and left their

17

00:02:02,709 --> 00:01:52,720

mark in

18

00:02:07,830 --> 00:02:05,670

figures etched on the plane of nazca

19

00:02:09,510 --> 00:02:07,840

tell a story of explorers from outer

20

00:02:12,949 --> 00:02:09,520

space

21

00:02:16,229 --> 00:02:12,959

the secret of the story has been learned

22

00:02:18,309 --> 00:02:16,239

the visitors have been here

23

00:02:19,430 --> 00:02:18,319

they have been described in many ways by

24

00:02:21,270 --> 00:02:19,440

many men

25

00:02:22,470 --> 00:02:21,280

from primitive drawings to detailed

26

00:02:24,229 --> 00:02:22,480

histories

27

00:02:26,400 --> 00:02:24,239

since the beginning of man's stay on

28

00:02:28,710 --> 00:02:26,410

earth until this day

29

00:02:31,350 --> 00:02:28,720

[Music]

30

00:02:33,190 --> 00:02:31,360

in the andean mountains of south america

31

00:02:35,990 --> 00:02:33,200

on the deserts of egypt

32

00:02:37,270 --> 00:02:36,000

in the temples of india an island in the

33

00:02:38,760 --> 00:02:37,280

caribbean

34

00:02:49,030 --> 00:02:38,770

the evidence is clear

35

00:02:50,949 --> 00:02:49,040

[Music]

36

00:02:53,509 --> 00:02:50,959

the record of visits dates back more

37

00:02:55,670 --> 00:02:53,519

than 500 centuries

38

00:03:04,790 --> 00:02:55,680

the observations of the planet continue

39

00:03:06,390 --> 00:03:04,800

even today

40

00:03:08,550 --> 00:03:06,400

monuments to the visitors that were

41

00:03:09,670 --> 00:03:08,560

created thousands of years ago have been

42

00:03:11,509 --> 00:03:09,680

found

43

00:03:22,910 --> 00:03:11,519

they are tributes to the gifts brought

44

00:03:37,990 --> 00:03:29,390

[Music]

45

00:03:41,350 --> 00:03:40,229

what has been unexplainable can now be

46

00:03:43,430 --> 00:03:41,360

explained

47

00:03:45,350 --> 00:03:43,440

the brief glimpses of visitors provide a

48

00:03:52,400 --> 00:03:45,360

clue to their purpose and the reason for

49

00:03:52,410 --> 00:03:56,390

[Music]

50

00:04:01,330 --> 00:03:58,550

every law of probability proves that

51  
00:04:03,110 --> 00:04:01,340  
other life exists in the universe

52  
00:04:05,110 --> 00:04:03,120  
[Music]

53  
00:04:06,710 --> 00:04:05,120  
it is now possible to understand how

54  
00:04:09,270 --> 00:04:06,720  
life could have been transported to

55  
00:04:11,429 --> 00:04:09,280  
earth from some distant planet

56  
00:04:15,980 --> 00:04:11,439  
it is now possible to understand how we

57  
00:04:15,990 --> 00:04:45,749  
[Music]

58  
00:04:49,430 --> 00:04:48,390  
a remarkable prophet the etched in stone

59  
00:04:51,270 --> 00:04:49,440  
predicts the year

60  
00:04:54,230 --> 00:04:51,280  
and the day on which the visitors will

61  
00:04:56,629 --> 00:04:54,240  
return to stay

62  
00:05:13,909 --> 00:04:56,639  
will we be prepared for the moment that

63  
00:05:18,710 --> 00:05:17,110

to travel successfully in deep space man

64

00:05:22,830 --> 00:05:18,720

would have to hold the secret of his

65

00:05:26,469 --> 00:05:24,230

immortality

66

00:05:28,790 --> 00:05:26,479

distances are so vast that the spark of

67

00:05:31,029 --> 00:05:28,800

life must burn for eons to assure the

68

00:05:32,840 --> 00:05:31,039

successful transport of life from one

69

00:05:37,189 --> 00:05:32,850

galaxy to another

70

00:05:39,510 --> 00:05:37,199

[Music]

71

00:05:42,550 --> 00:05:39,520

in ancient crips it is possible to find

72

00:05:44,629 --> 00:05:42,560

suggestions that the secret was known

73

00:05:50,150 --> 00:05:44,639

that a process of sustaining life was

74

00:05:54,790 --> 00:05:52,950

x-rays of mummies thousands of years old

75

00:05:56,309 --> 00:05:54,800

indicate that they were encased at very

76

00:06:03,510 --> 00:05:56,319

young ages

77

00:06:08,390 --> 00:06:06,150

strangely the hand of one mummy still

78

00:06:10,710 --> 00:06:08,400

shows the traces of a fire that burns

79

00:06:26,310 --> 00:06:10,720

brightly in all living things

80

00:06:31,909 --> 00:06:29,670

[Music]

81

00:06:33,189 --> 00:06:31,919

you were witnessing this strange as yet

82

00:06:36,230 --> 00:06:33,199

unexplained event

83

00:06:38,309 --> 00:06:36,240

called the krillian effect its presence

84

00:06:46,830 --> 00:06:38,319

has been suspected for years

85

00:06:46,840 --> 00:06:50,950

photographed

86

00:06:54,629 --> 00:06:53,270

fingertips and all living things

87

00:06:57,189 --> 00:06:54,639

generate a dynamic

88

00:06:59,830 --> 00:06:57,199

constantly changing aura that sometimes

89

00:07:01,830 --> 00:06:59,840

sparks and leaps like a flame

90

00:07:03,150 --> 00:07:01,840

how it works is something we simply do

91

00:07:06,070 --> 00:07:03,160

not know

92

00:07:09,110 --> 00:07:06,080

[Music]

93

00:07:10,230 --> 00:07:09,120

at ucla dr thelma moss explores the

94

00:07:13,830 --> 00:07:10,240

strange world of

95

00:07:15,189 --> 00:07:13,840

curling photography let's say that there

96

00:07:16,150 --> 00:07:15,199

are about six different words that we

97

00:07:18,150 --> 00:07:16,160

can describe

98

00:07:19,990 --> 00:07:18,160

for this effect depending on who you are

99

00:07:22,790 --> 00:07:20,000

if you are a conventional physicist

100

00:07:24,710 --> 00:07:22,800

you will call it a corona discharge and

101  
00:07:27,510 --> 00:07:24,720  
that means it's an electrical

102  
00:07:31,430 --> 00:07:27,520  
emanation caused by the current and the

103  
00:07:33,830 --> 00:07:31,440  
voltage going through the object

104  
00:07:34,629 --> 00:07:33,840  
recently at the bottom of the earth an

105  
00:07:36,950 --> 00:07:34,639  
international

106  
00:07:38,230 --> 00:07:36,960  
team of scientists plunged their drills

107  
00:07:40,950 --> 00:07:38,240  
deep beneath the surface of the

108  
00:07:42,950 --> 00:07:40,960  
antarctic continent

109  
00:07:45,870 --> 00:07:42,960  
the goal was to probe the geologic

110  
00:07:45,880 --> 00:07:50,589  
[Music]

111  
00:07:54,710 --> 00:07:53,749  
420 feet beneath the surface of mcmurdo

112  
00:07:59,620 --> 00:07:54,720  
station

113  
00:08:02,309 --> 00:07:59,630

dr roy cameron touched immortality

114

00:08:04,150 --> 00:08:02,319

[Music]

115

00:08:06,790 --> 00:08:04,160

in a pinch of earth from the antarctic

116

00:08:08,950 --> 00:08:06,800

depths dr cameron has found what is

117

00:08:13,490 --> 00:08:08,960

unquestionably the oldest living

118

00:08:24,150 --> 00:08:13,500

thing ever to inhabit the earth

119

00:08:26,710 --> 00:08:24,160

[Music]

120

00:08:28,869 --> 00:08:26,720

after spending millennia freeze-dried in

121

00:08:31,350 --> 00:08:28,879

the cold rocks of antarctica

122

00:08:37,909 --> 00:08:31,360

a colony of bacteria have reawakened in

123

00:08:42,080 --> 00:08:39,990

the rocks from which they have come may

124

00:08:43,269 --> 00:08:42,090

be as much as one million years old

125

00:08:45,509 --> 00:08:43,279

[Music]

126  
00:08:46,470 --> 00:08:45,519  
the ancient bacteria never before seen

127  
00:08:49,430 --> 00:08:46,480  
by men

128  
00:08:50,389 --> 00:08:49,440  
are once again growing and reproducing a

129  
00:08:52,949 --> 00:08:50,399  
million years

130  
00:08:53,990 --> 00:08:52,959  
after they first came into existence

131  
00:08:54,810 --> 00:08:54,000  
immortality

132  
00:08:59,910 --> 00:08:54,820  
is possible

133  
00:09:02,389 --> 00:08:59,920  
[Music]

134  
00:09:04,389 --> 00:09:02,399  
immortality or something resembling it

135  
00:09:07,030 --> 00:09:04,399  
is necessary when we consider the vast

136  
00:09:10,360 --> 00:09:07,040  
distances of space that must be crossed

137  
00:09:13,590 --> 00:09:10,370  
to plant life elsewhere in the cosmos

138  
00:09:16,150 --> 00:09:13,600

[Laughter]

139

00:09:17,350 --> 00:09:16,160

somewhere in space there is life but

140

00:09:19,829 --> 00:09:17,360

where

141

00:09:21,269 --> 00:09:19,839

a man counting a number every second of

142

00:09:22,949 --> 00:09:21,279

every working day

143

00:09:24,630 --> 00:09:22,959

would need a lifetime merely to reach

144

00:09:27,110 --> 00:09:24,640

the number 1 billion

145

00:09:33,110 --> 00:09:27,120

a figure which falls 100 times short of

146

00:09:36,470 --> 00:09:35,269

somewhere in space there is a solar

147

00:09:39,430 --> 00:09:36,480

system like ours

148

00:09:41,829 --> 00:09:39,440

where life exists perhaps it is in the

149

00:09:44,470 --> 00:09:41,839

constellation epsilon barutes

150

00:09:48,710 --> 00:09:44,480

where his sun is dying burning itself

151  
00:09:53,509 --> 00:09:51,350  
eons ago the dying sun would have

152  
00:09:55,430 --> 00:09:53,519  
threatened all life on the second planet

153  
00:09:57,110 --> 00:09:55,440  
of the solar system

154  
00:09:58,870 --> 00:09:57,120  
some scientists believe that a space

155  
00:10:00,150 --> 00:09:58,880  
probe was sent from that planet toward

156  
00:10:01,750 --> 00:10:00,160  
the earth

157  
00:10:14,550 --> 00:10:01,760  
they believe the probe sent these

158  
00:10:17,670 --> 00:10:15,910  
duncan lunan of the british

159  
00:10:19,670 --> 00:10:17,680  
interplanetary society

160  
00:10:21,430 --> 00:10:19,680  
has interpreted the signals as a message

161  
00:10:23,990 --> 00:10:21,440  
from the space probe

162  
00:10:25,269 --> 00:10:24,000  
a message from a dying planet in epsilon

163  
00:10:28,710 --> 00:10:25,279

booties

164

00:10:33,030 --> 00:10:28,720

duncan lunden what a cub to me was

165

00:10:34,310 --> 00:10:33,040

that the stars the stars are spaced at

166

00:10:36,630 --> 00:10:34,320

random in the sky therefore the

167

00:10:39,110 --> 00:10:36,640

coordinates of a star map

168

00:10:40,470 --> 00:10:39,120

expressed numerically would be a random

169

00:10:44,230 --> 00:10:40,480

series of numbers

170

00:10:46,230 --> 00:10:44,240

there are seven dots in the barrier

171

00:10:47,430 --> 00:10:46,240

and there are six dots on the right hand

172

00:10:49,350 --> 00:10:47,440

side here

173

00:10:50,790 --> 00:10:49,360

and they have quite a marked resemblance

174

00:10:53,190 --> 00:10:50,800

very much indeed to the

175

00:10:54,069 --> 00:10:53,200

the constellation figure of voties the

176  
00:10:57,509 --> 00:10:54,079  
herdsmen

177  
00:11:01,110 --> 00:10:57,519  
these sharp lines of

178  
00:11:03,750 --> 00:11:01,120  
intense rapidly repeated echoes

179  
00:11:05,430 --> 00:11:03,760  
uh appear to be of the nature of clues

180  
00:11:07,190 --> 00:11:05,440  
as it were to the interpretation of the

181  
00:11:08,870 --> 00:11:07,200  
of the panel it's like these sort of

182  
00:11:10,870 --> 00:11:08,880  
children's puzzles where you join up the

183  
00:11:12,870 --> 00:11:10,880  
dots and you make a shape

184  
00:11:14,949 --> 00:11:12,880  
so that you could sort of take it like

185  
00:11:17,829 --> 00:11:14,959  
this it start here

186  
00:11:19,829 --> 00:11:17,839  
we come from excellent botus which is a

187  
00:11:21,509 --> 00:11:19,839  
double star

188  
00:11:23,190 --> 00:11:21,519

and then we have this interesting sort

189

00:11:26,310 --> 00:11:23,200

of swallow-like shape here

190

00:11:26,710 --> 00:11:26,320

and it says therefore seems to say we

191

00:11:28,870 --> 00:11:26,720

live

192

00:11:30,389 --> 00:11:28,880

on the sixth planet of seven now two

193

00:11:31,750 --> 00:11:30,399

signals later we get an absolutely

194

00:11:34,630 --> 00:11:31,760

explicit statement

195

00:11:35,509 --> 00:11:34,640

in another scale figure that that they

196

00:11:37,030 --> 00:11:35,519

came

197

00:11:38,550 --> 00:11:37,040

from the second planet to the sixth

198

00:11:39,910 --> 00:11:38,560

they've got a whacking grade arrow

199

00:11:42,389 --> 00:11:39,920

pointing from the second planet to the

200

00:11:44,550 --> 00:11:42,399

sixth with a sun dot at the

201  
00:11:45,670 --> 00:11:44,560  
front end of it the sun put in other

202  
00:11:47,670 --> 00:11:45,680  
words it says the

203  
00:11:48,949 --> 00:11:47,680  
sun pushed us from the second planet to

204  
00:11:50,150 --> 00:11:48,959  
the sixth and

205  
00:11:51,750 --> 00:11:50,160  
and just in case we haven't got the

206  
00:11:54,389 --> 00:11:51,760  
point it's repeated in exactly the same

207  
00:11:56,470 --> 00:11:54,399  
way two signals later

208  
00:11:57,829 --> 00:11:56,480  
the signals are the only known message

209  
00:12:00,550 --> 00:11:57,839  
from space

210  
00:12:02,550 --> 00:12:00,560  
in the sequence of sounds duncan lunan

211  
00:12:04,389 --> 00:12:02,560  
has found a specific message

212  
00:12:05,750 --> 00:12:04,399  
of a population moving from the second

213  
00:12:09,350 --> 00:12:05,760

planet to the sixth

214

00:12:12,389 --> 00:12:09,360

in epsilon bautes and then where

215

00:12:17,190 --> 00:12:12,399

perhaps to earth the signals are an sos

216

00:12:21,350 --> 00:12:19,670

in this situation the inhabitants of the

217

00:12:21,829 --> 00:12:21,360

planetary system would find themselves

218

00:12:25,030 --> 00:12:21,839

in

219

00:12:26,389 --> 00:12:25,040

real danger they their their own planet

220

00:12:28,069 --> 00:12:26,399

would get hotter than time all the

221

00:12:29,670 --> 00:12:28,079

planets would get very hot

222

00:12:31,110 --> 00:12:29,680

um they were they would have it

223

00:12:32,230 --> 00:12:31,120

otherwise to perfect the first

224

00:12:34,389 --> 00:12:32,240

interplanetary and then

225

00:12:36,629 --> 00:12:34,399

interstellar travel in order to to get

226

00:12:40,470 --> 00:12:36,639

away from the sun

227

00:12:42,150 --> 00:12:40,480

so the problem then came to the earth

228

00:12:43,750 --> 00:12:42,160

it came to the solar system it located

229

00:12:45,030 --> 00:12:43,760

the earth it came into orbit around the

230

00:12:48,389 --> 00:12:45,040

earth and it began

231

00:12:50,710 --> 00:12:48,399

looking for uh signals really

232

00:12:51,670 --> 00:12:50,720

intelligent signals from earth that

233

00:12:53,190 --> 00:12:51,680

would indicate the presence of

234

00:12:55,430 --> 00:12:53,200

intelligence

235

00:12:56,870 --> 00:12:55,440

if duncan lunan's interpretation of the

236

00:12:59,030 --> 00:12:56,880

signals is correct

237

00:13:00,150 --> 00:12:59,040

a space probe is now traveling in our

238

00:13:02,870 --> 00:13:00,160

solar system

239

00:13:15,910 --> 00:13:02,880

monitoring life on earth it may already

240

00:13:15,920 --> 00:13:26,389

this is houston say again

241

00:13:34,230 --> 00:13:29,750

the reference in that conversation was

242

00:13:37,269 --> 00:13:34,240

uh bogey it was uh barman who reported

243

00:13:43,670 --> 00:13:39,829

this is germany control houston that

244

00:13:45,430 --> 00:13:43,680

four hours 24 minutes into the flight

245

00:13:47,430 --> 00:13:45,440

bogey is the code word for an

246

00:13:50,150 --> 00:13:47,440

unidentified aircraft

247

00:13:50,949 --> 00:13:50,160

but a bogey in space is almost beyond

248

00:14:05,990 --> 00:13:50,959

belief

249

00:14:09,670 --> 00:14:07,910

during peak hours the skies over the

250

00:14:15,509 --> 00:14:09,680

united states are filled with as many as

251  
00:14:18,710 --> 00:14:17,430  
they are watched continuously by the

252  
00:14:21,750 --> 00:14:18,720  
best trained most

253  
00:14:24,629 --> 00:14:21,760  
skilled radar operators in all the world

254  
00:14:25,509 --> 00:14:24,639  
to them ufos were a daily occurrence

255  
00:14:27,269 --> 00:14:25,519  
norad

256  
00:14:28,629 --> 00:14:27,279  
the north american defense command for

257  
00:14:31,990 --> 00:14:28,639  
example reports

258  
00:14:34,470 --> 00:14:32,000  
800 ufos on radar every month

259  
00:14:36,069 --> 00:14:34,480  
most of course are eventually explained

260  
00:14:38,710 --> 00:14:36,079  
but not all

261  
00:14:39,750 --> 00:14:38,720  
almost 400 sightings are still carried

262  
00:14:45,000 --> 00:14:39,760  
on the books

263  
00:14:57,269 --> 00:14:45,010

as unidentified flying objects

264

00:14:59,990 --> 00:14:57,279

[Music]

265

00:15:01,590 --> 00:15:00,000

400 reports of airborne objects which

266

00:15:03,509 --> 00:15:01,600

cannot be identified

267

00:15:04,949 --> 00:15:03,519

give a clear indication that the earth

268

00:15:07,030 --> 00:15:04,959

is being monitored

269

00:15:14,310 --> 00:15:07,040

watched by a presence from somewhere

270

00:15:19,269 --> 00:15:16,790

to an incoming space probe the solar

271

00:15:22,690 --> 00:15:19,279

system is unknown territory that must be

272

00:15:24,829 --> 00:15:22,700

chartered and searched for evidence of

273

00:15:28,710 --> 00:15:24,839

[Music]

274

00:15:32,790 --> 00:15:30,870

assume the technology of reaching

275

00:15:33,910 --> 00:15:32,800

thousands of miles per second had been

276

00:15:35,829 --> 00:15:33,920

accomplished

277

00:15:38,949 --> 00:15:35,839

that the problems of acceleration and

278

00:15:40,790 --> 00:15:38,959

deceleration and space had been overcome

279

00:15:43,670 --> 00:15:40,800

a probe would then enter the solar

280

00:15:46,150 --> 00:15:43,680

system from its most distant point

281

00:15:46,949 --> 00:15:46,160

past pluto three billion miles from the

282

00:15:49,749 --> 00:15:46,959

sun

283

00:15:50,790 --> 00:15:49,759

and lacking atmosphere past neptune and

284

00:15:52,790 --> 00:15:50,800

uranus

285

00:15:55,749 --> 00:15:52,800

too heavily laden with hydrogen and

286

00:15:59,030 --> 00:15:55,759

methane to support life

287

00:16:01,269 --> 00:15:59,040

to ring saturn awesome beautiful

288

00:16:03,110 --> 00:16:01,279

protected by a band of asteroids but

289

00:16:06,870 --> 00:16:03,120

with an atmosphere of helium

290

00:16:15,829 --> 00:16:06,880

hydrogen methane and ammonia verdict

291

00:16:20,829 --> 00:16:18,150

ahead on the journey lie the most

292

00:16:27,030 --> 00:16:20,839

probable planets where life might be

293

00:16:38,790 --> 00:16:30,150

banded jupiter atmosphere hydrogen

294

00:16:47,350 --> 00:16:44,069

mars distance from sun 142 million miles

295

00:16:49,990 --> 00:16:47,360

diameter 4 200 miles

296

00:16:51,189 --> 00:16:50,000

atmosphere carbon dioxide carbon

297

00:16:57,990 --> 00:16:51,199

monoxide

298

00:17:05,029 --> 00:17:01,670

mars life potential close-up survey

299

00:17:06,630 --> 00:17:05,039

planetary atmosphere water present in

300

00:17:09,270 --> 00:17:06,640

small quantities

301  
00:17:09,990 --> 00:17:09,280  
all life forms designated primitive

302  
00:17:16,309 --> 00:17:10,000  
existence

303  
00:17:33,320 --> 00:17:18,870  
no life form on mars is capable of

304  
00:17:42,470 --> 00:17:33,330  
sending electronic signals into space

305  
00:17:45,750 --> 00:17:44,470  
know if there is intelligent life in

306  
00:17:48,630 --> 00:17:45,760  
this system

307  
00:17:49,110 --> 00:17:48,640  
it must be on the third planet the blue

308  
00:17:56,549 --> 00:17:49,120  
world

309  
00:18:01,590 --> 00:17:58,870  
the moon is a perfect vantage point from

310  
00:18:04,070 --> 00:18:01,600  
which to study the earth

311  
00:18:05,750 --> 00:18:04,080  
only a quarter of a million miles away

312  
00:18:07,120 --> 00:18:05,760  
the explorers could keep a close

313  
00:18:10,549 --> 00:18:07,130

watch on the blue planet

314

00:18:15,510 --> 00:18:13,270

the moon is now familiar territory after

315

00:18:17,510 --> 00:18:15,520

six successful manned landings

316

00:18:19,669 --> 00:18:17,520

but our detailed knowledge is limited to

317

00:18:21,909 --> 00:18:19,679

six specific locations

318

00:18:25,190 --> 00:18:21,919

each has told us something new something

319

00:18:27,350 --> 00:18:25,200

we did not know before

320

00:18:29,270 --> 00:18:27,360

the moon is different from the earth and

321

00:18:32,210 --> 00:18:29,280

clearly was not torn from it

322

00:18:36,789 --> 00:18:32,220

as many scientists once thought

323

00:18:38,710 --> 00:18:36,799

[Music]

324

00:18:40,870 --> 00:18:38,720

we have found minerals in abundance on

325

00:18:42,070 --> 00:18:40,880

the moon minerals that are extremely

326

00:18:44,150 --> 00:18:42,080

rare on earth

327

00:18:45,669 --> 00:18:44,160

yet they are vital to successful space

328

00:18:47,430 --> 00:18:45,679

voyages

329

00:18:50,630 --> 00:18:47,440

plans to mine them have already been

330

00:18:52,630 --> 00:18:50,640

drawn by nasa and private industry

331

00:18:55,270 --> 00:18:52,640

one theory holds that explorers from

332

00:18:56,950 --> 00:18:55,280

outer space have already mined the moon

333

00:18:59,510 --> 00:18:56,960

pulling from it such minerals is

334

00:19:03,029 --> 00:18:59,520

titanium a metal essential to space

335

00:19:08,150 --> 00:19:05,350

it is unfortunate that we can no longer

336

00:19:10,470 --> 00:19:08,160

afford to explore the lunar surface

337

00:19:11,990 --> 00:19:10,480

for it is just barely possible that

338

00:19:27,430 --> 00:19:12,000

somewhere on the moon

339

00:19:31,909 --> 00:19:29,669

if travelers from outer space were

340

00:19:33,270 --> 00:19:31,919

seeking an exploitable planet in our

341

00:19:35,110 --> 00:19:33,280

solar system

342

00:19:37,590 --> 00:19:35,120

the moon would become the jumping off

343

00:19:39,029 --> 00:19:37,600

point for their explorations

344

00:19:40,950 --> 00:19:39,039

there are those who believe it has

345

00:19:44,470 --> 00:19:40,960

already happened

346

00:19:48,230 --> 00:19:44,480

duncan it's possible

347

00:19:51,350 --> 00:19:48,240

that um in the course of our history and

348

00:19:53,029 --> 00:19:51,360

in the last 13 000 years that the

349

00:19:54,870 --> 00:19:53,039

ships from mexico and boaters have come

350

00:19:58,070 --> 00:19:54,880

here have conducted

351  
00:19:59,669 --> 00:19:58,080  
survey missions possibly even had some

352  
00:20:01,830 --> 00:19:59,679  
small settlements established here for a

353  
00:20:03,909 --> 00:20:01,840  
time pulled out again

354  
00:20:06,710 --> 00:20:03,919  
we have evidence that a landing was made

355  
00:20:08,789 --> 00:20:06,720  
in the andes near a lake called titicaca

356  
00:20:10,230 --> 00:20:08,799  
from the shore the outline of titicaca

357  
00:20:12,390 --> 00:20:10,240  
has no pattern

358  
00:20:18,710 --> 00:20:12,400  
only when viewed from space does it take

359  
00:20:23,750 --> 00:20:20,630  
in the ancient language of the region

360  
00:20:27,860 --> 00:20:23,760  
titicaca means stone of the jaguar

361  
00:20:32,390 --> 00:20:27,870  
was it named by arriving space colonists

362  
00:20:37,430 --> 00:20:35,029  
an arid mesa called the altiplano

363  
00:20:40,870 --> 00:20:37,440

fringes lake titicaca

364

00:20:43,990 --> 00:20:40,880

on the barren windswept plain the air is

365

00:20:45,590 --> 00:20:44,000

thin and corn does not grow it is a

366

00:20:47,669 --> 00:20:45,600

harsh environment

367

00:20:49,029 --> 00:20:47,679

yet there is reason to believe that here

368

00:20:55,590 --> 00:20:49,039

long ago

369

00:20:59,590 --> 00:20:58,630

earth base one a starting point in a new

370

00:21:01,350 --> 00:20:59,600

world

371

00:21:03,750 --> 00:21:01,360

a place to practice such advanced

372

00:21:06,390 --> 00:21:03,760

technologies as planetary and biological

373

00:21:08,470 --> 00:21:06,400

engineering

374

00:21:10,149 --> 00:21:08,480

most of the traces of earth base one

375

00:21:12,230 --> 00:21:10,159

have been obliterated

376

00:21:13,909 --> 00:21:12,240

the inca who dominated this part of the

377

00:21:15,590 --> 00:21:13,919

world erased the histories of the

378

00:21:17,990 --> 00:21:15,600

regions they conquered

379

00:21:20,230 --> 00:21:18,000

but in the mounds rubble and broken

380

00:21:23,750 --> 00:21:20,240

walls of an andean plain

381

00:21:26,950 --> 00:21:23,760

lie the ruins of a once great city

382

00:21:28,710 --> 00:21:26,960

called tiowanako it stands mysterious

383

00:21:31,669 --> 00:21:28,720

and unexpected at thirteen

384

00:21:32,950 --> 00:21:31,679

thousand feet above sea level it might

385

00:21:35,560 --> 00:21:32,960

have housed the most advanced

386

00:21:36,870 --> 00:21:35,570

civilization of ancient times

387

00:21:39,830 --> 00:21:36,880

[Music]

388

00:21:41,350 --> 00:21:39,840

long before the inca arrival tiwanako

389

00:21:44,230 --> 00:21:41,360

was a reality

390

00:21:46,630 --> 00:21:44,240

and the question arises how much did the

391

00:21:49,909 --> 00:21:46,640

inca take away and plunder

392

00:21:51,909 --> 00:21:49,919

and how much in technology the inca did

393

00:21:54,230 --> 00:21:51,919

not build tiahuanaco

394

00:22:00,470 --> 00:21:54,240

nor did the ancestors of indians who now

395

00:22:04,470 --> 00:22:03,270

despite years of study and analysis

396

00:22:07,669 --> 00:22:04,480

scientists are still

397

00:22:11,029 --> 00:22:07,679

unable to date these ruins estimates of

398

00:22:15,110 --> 00:22:11,039

its age range from 1200 to 15

399

00:22:18,230 --> 00:22:15,120

000 years old but 15 000 years ago

400

00:22:23,510 --> 00:22:18,240

man was still using flint tools and had

401  
00:22:26,549 --> 00:22:25,830  
the monolith tells its own story of

402  
00:22:30,149 --> 00:22:26,559  
earth base

403  
00:22:31,990 --> 00:22:30,159  
one in 1927 the carvings were

404  
00:22:34,390 --> 00:22:32,000  
interpreted as an account of the earth's

405  
00:22:37,190 --> 00:22:34,400  
original capture of the moon

406  
00:22:39,430 --> 00:22:37,200  
the theory was dismissed as nonsense but

407  
00:22:41,430 --> 00:22:39,440  
at the close of the apollo program

408  
00:22:43,430 --> 00:22:41,440  
there has emerged a similar theory that

409  
00:22:44,149 --> 00:22:43,440  
the moon has wandered through our solar

410  
00:22:54,230 --> 00:22:44,159  
system

411  
00:22:57,190 --> 00:22:54,240  
only to be captured by the earth

412  
00:22:59,350 --> 00:22:57,200  
of all the mysteries at tiawanako none

413  
00:22:59,909 --> 00:22:59,360

looms quite as large as a monolithic

414

00:23:01,460 --> 00:22:59,919

archway

415

00:23:03,830 --> 00:23:01,470

called the gate of the sun

416

00:23:06,230 --> 00:23:03,840

[Music]

417

00:23:07,350 --> 00:23:06,240

cut from a single block of andesite it

418

00:23:11,430 --> 00:23:07,360

weighs at least 10

419

00:23:11,990 --> 00:23:11,440

tons no one knows how it was transported

420

00:23:14,070 --> 00:23:12,000

or what

421

00:23:19,669 --> 00:23:14,080

tools were used to carve the mysterious

422

00:23:24,149 --> 00:23:21,909

for the carefully chiseled lines depict

423

00:23:25,590 --> 00:23:24,159

birds that never flew in the skies above

424

00:23:28,070 --> 00:23:25,600

the earth

425

00:23:30,390 --> 00:23:28,080

a record in stone that we cannot read

426  
00:23:32,710 --> 00:23:30,400  
except for one intriguing feature

427  
00:23:34,310 --> 00:23:32,720  
the eyes which form a part of still

428  
00:23:36,070 --> 00:23:34,320  
another creature

429  
00:23:37,830 --> 00:23:36,080  
figures barely discernible but

430  
00:23:41,350 --> 00:23:37,840  
nonetheless familiar to us

431  
00:23:43,590 --> 00:23:41,360  
as space-helmeted astronauts

432  
00:23:45,590 --> 00:23:43,600  
no less mysterious are the eyes of the

433  
00:23:48,070 --> 00:23:45,600  
god atop the arch

434  
00:23:49,430 --> 00:23:48,080  
two tears are deeply etched into his

435  
00:23:52,789 --> 00:23:49,440  
cheeks

436  
00:23:53,990 --> 00:23:52,799  
and no one can say why the sun god of

437  
00:23:57,750 --> 00:23:54,000  
tiwanako

438  
00:24:00,630 --> 00:23:57,760

weeps and so it stands

439

00:24:02,630 --> 00:24:00,640

a brooding mysterious ruin atop a

440

00:24:05,909 --> 00:24:02,640

desolate mountain plateau

441

00:24:08,070 --> 00:24:05,919

thirteen 000 feet in the air

442

00:24:12,310 --> 00:24:08,080

was it built by those who came to make a

443

00:24:20,310 --> 00:24:15,909

300 miles away on another plane

444

00:24:24,390 --> 00:24:22,470

from ground level the lines are very

445

00:24:25,430 --> 00:24:24,400

shallow scratches barely four inches

446

00:24:27,190 --> 00:24:25,440

deep

447

00:24:29,029 --> 00:24:27,200

yet they have remained intact for

448

00:24:32,390 --> 00:24:29,039

thousands of years

449

00:24:35,590 --> 00:24:32,400

no wind blows across the plain no rain

450

00:24:38,310 --> 00:24:35,600

washes away the marks whoever drew the

451  
00:24:40,789 --> 00:24:38,320  
lines knew they would remain

452  
00:24:41,750 --> 00:24:40,799  
the plane is in effect a giant permanent

453  
00:24:45,990 --> 00:24:41,760  
blackboard

454  
00:24:48,070 --> 00:24:46,000  
readable only from the air above

455  
00:24:49,190 --> 00:24:48,080  
was designed for incoming alien

456  
00:24:58,870 --> 00:24:49,200  
explorers

457  
00:25:05,269 --> 00:25:02,950  
april 15 1966 a television cameraman

458  
00:25:07,430 --> 00:25:05,279  
filming a commercial in a helicopter

459  
00:25:15,260 --> 00:25:07,440  
saw and filmed something that has still

460  
00:25:26,830 --> 00:25:15,270  
not been explained

461  
00:25:31,190 --> 00:25:28,070  
okay

462  
00:25:34,789 --> 00:25:31,200  
have been other sightings

463  
00:25:36,789 --> 00:25:34,799

april 2nd 1966 a melbourne australia

464

00:25:42,050 --> 00:25:36,799

businessman photographed an object

465

00:25:46,950 --> 00:25:42,060

covering the sky

466

00:25:52,310 --> 00:25:51,269

april 18 1965 a small metallic object

467

00:26:03,790 --> 00:25:52,320

buzzed the ground

468

00:26:03,800 --> 00:26:08,830

[Music]

469

00:26:18,170 --> 00:26:11,490

foreign

470

00:26:18,180 --> 00:26:22,830

[Music]

471

00:26:22,840 --> 00:26:26,400

is

472

00:26:29,510 --> 00:26:28,210

[Music]

473

00:26:31,990 --> 00:26:29,520

[Applause]

474

00:26:32,870 --> 00:26:32,000

the lines of nazca are only four inches

475

00:26:34,789 --> 00:26:32,880

deep

476  
00:26:39,029 --> 00:26:34,799  
and yet they remain unblurred by the

477  
00:26:41,590 --> 00:26:39,039  
passage of 2200 years

478  
00:26:43,830 --> 00:26:41,600  
nazca serves as a critical link between

479  
00:26:45,990 --> 00:26:43,840  
earth and outer space

480  
00:26:48,770 --> 00:26:46,000  
the lines are a root map pinpointing

481  
00:26:50,549 --> 00:26:48,780  
sites of mystery all over the world

482  
00:26:52,789 --> 00:26:50,559  
[Music]

483  
00:26:55,029 --> 00:26:52,799  
one line pointing east leads to a

484  
00:26:58,890 --> 00:26:55,039  
remarkable unexplained artifact

485  
00:27:05,909 --> 00:27:02,549  
[Music]

486  
00:27:09,430 --> 00:27:05,919  
someone built saksayhuwaman a megalithic

487  
00:27:09,440 --> 00:27:22,149  
who and why is a mystery

488  
00:27:27,269 --> 00:27:24,549

at one point the inca used sakse hawaman

489

00:27:32,149 --> 00:27:29,990

according to legend inca kings thrust

490

00:27:34,230 --> 00:27:32,159

their fists into the depths of his snake

491

00:27:37,110 --> 00:27:34,240

chiseled into the stone

492

00:27:39,110 --> 00:27:37,120

from it they received a special power a

493

00:27:39,990 --> 00:27:39,120

compass needle thrust into that same

494

00:27:42,789 --> 00:27:40,000

snake head

495

00:27:46,789 --> 00:27:42,799

will spin wildly for the stone is

496

00:27:51,350 --> 00:27:49,350

how did the inca who knew nothing of the

497

00:27:53,669 --> 00:27:51,360

forces of electromagnetism

498

00:27:55,350 --> 00:27:53,679

select this one stone of all the

499

00:27:56,149 --> 00:27:55,360

thousands of others that composed their

500

00:27:59,190 --> 00:27:56,159

fortress

501  
00:27:59,909 --> 00:27:59,200  
as the magic stone of a snake we do not

502  
00:28:02,630 --> 00:27:59,919  
know

503  
00:28:03,990 --> 00:28:02,640  
but one thing is certain with that

504  
00:28:05,990 --> 00:28:04,000  
special power

505  
00:28:08,320 --> 00:28:06,000  
their empire spread from the pacific

506  
00:28:14,149 --> 00:28:08,330  
coast to the amazon jungle

507  
00:28:16,549 --> 00:28:14,159  
[Music]

508  
00:28:19,430 --> 00:28:16,559  
the inca knew nothing of the wheel and

509  
00:28:21,669 --> 00:28:19,440  
yet their roads are still in use today

510  
00:28:23,510 --> 00:28:21,679  
they had no alphabet yet we are asked to

511  
00:28:25,590 --> 00:28:23,520  
believe they developed an engineering

512  
00:28:26,789 --> 00:28:25,600  
technology that built structures such as

513  
00:28:29,909 --> 00:28:26,799

this

514

00:28:32,070 --> 00:28:29,919

or did they were they creators or

515

00:28:34,070 --> 00:28:32,080

inheritors of a civilization

516

00:28:34,430 --> 00:28:34,080

transplanted to the andes from somewhere

517

00:28:39,750 --> 00:28:34,440

else

518

00:28:42,230 --> 00:28:39,760

[Music]

519

00:28:43,350 --> 00:28:42,240

saxo woman is built of enormous blocks

520

00:28:45,190 --> 00:28:43,360

of stone

521

00:28:47,990 --> 00:28:45,200

cut and beveled to fit together with

522

00:28:49,990 --> 00:28:48,000

micrometer accuracy

523

00:28:53,430 --> 00:28:50,000

no one is even a clue as to how these

524

00:28:56,950 --> 00:28:53,440

blocks some weighing more than 100 tons

525

00:29:04,950 --> 00:28:56,960

were quarried shaped transported and set

526

00:29:10,470 --> 00:29:08,710

35 feet underwater and 1 000 yards off

527

00:29:12,310 --> 00:29:10,480

the northern shore of the island of

528

00:29:18,549 --> 00:29:12,320

bimini in the caribbean

529

00:29:22,230 --> 00:29:20,789

there is absolutely no indication of who

530

00:29:23,990 --> 00:29:22,240

might have built it

531

00:29:28,070 --> 00:29:24,000

but the huge blocks bear a striking

532

00:29:30,230 --> 00:29:28,080

resemblance to the masonry of the incas

533

00:29:32,789 --> 00:29:30,240

some scientists claim it is a natural

534

00:29:35,110 --> 00:29:32,799

formation and not a wall at all

535

00:29:37,110 --> 00:29:35,120

but if ocean currents cut the stones in

536

00:29:39,430 --> 00:29:37,120

the sea bottom

537

00:29:42,389 --> 00:29:39,440

did they also cut them at right angles

538

00:29:46,389 --> 00:29:44,630

the bimini wall is but one of many

539

00:29:49,830 --> 00:29:46,399

mysteries in the caribbean region

540

00:29:51,669 --> 00:29:49,840

known as the bermuda triangle here

541

00:29:53,909 --> 00:29:51,679

ships and planes vanish under

542

00:29:55,520 --> 00:29:53,919

circumstances that defy our logical

543

00:30:02,070 --> 00:29:55,530

explanation

544

00:30:04,789 --> 00:30:02,080

[Music]

545

00:30:07,190 --> 00:30:04,799

just after the close of world war ii in

546

00:30:09,110 --> 00:30:07,200

december 1945

547

00:30:10,549 --> 00:30:09,120

five navy fighter planes vanished

548

00:30:12,149 --> 00:30:10,559

without a trace

549

00:30:14,149 --> 00:30:12,159

leaving a mystery that remains

550

00:30:15,750 --> 00:30:14,159

unanswered today

551  
00:30:18,230 --> 00:30:15,760  
their disappearance has been the subject

552  
00:30:18,870 --> 00:30:18,240  
of a 25-year investigation by magazine

553  
00:30:22,710 --> 00:30:18,880  
reporter

554  
00:30:25,750 --> 00:30:22,720  
art ford well a routine

555  
00:30:28,310 --> 00:30:25,760  
naval air patrol took off from the fort

556  
00:30:31,590 --> 00:30:28,320  
lauderdale naval air station

557  
00:30:34,870 --> 00:30:31,600  
five planes 14 crew members

558  
00:30:36,310 --> 00:30:34,880  
five different radios after the planes

559  
00:30:37,669 --> 00:30:36,320  
were in the air a few hours they

560  
00:30:40,310 --> 00:30:37,679  
vanished

561  
00:30:40,870 --> 00:30:40,320  
five radios did not give a coherent

562  
00:30:42,870 --> 00:30:40,880  
reason

563  
00:30:44,149 --> 00:30:42,880

why they vanished the men were never

564

00:30:47,750 --> 00:30:44,159

seen again

565

00:30:49,909 --> 00:30:47,760

no wreckage of the planes was ever found

566

00:30:51,029 --> 00:30:49,919

there was no radio contact after they

567

00:30:53,190 --> 00:30:51,039

were lost

568

00:30:55,110 --> 00:30:53,200

a search plane went up after them with

569

00:30:55,750 --> 00:30:55,120

13 men aboard with every bit of

570

00:30:58,149 --> 00:30:55,760

equipment

571

00:31:01,029 --> 00:30:58,159

necessary to find them it vanished

572

00:31:03,909 --> 00:31:01,039

within seven minutes

573

00:31:05,190 --> 00:31:03,919

particularly significant in the case of

574

00:31:08,630 --> 00:31:05,200

the missing planes

575

00:31:11,430 --> 00:31:08,640

was the radio transmission

576  
00:31:12,310 --> 00:31:11,440  
report that remains in the record in the

577  
00:31:15,909 --> 00:31:12,320  
archives

578  
00:31:19,590 --> 00:31:15,919  
in washington lieutenant robert f cox

579  
00:31:22,230 --> 00:31:19,600  
was flying out to try to find flight 19.

580  
00:31:24,070 --> 00:31:22,240  
he said on the radio what is your

581  
00:31:26,470 --> 00:31:24,080  
present altitude i will fly

582  
00:31:28,630 --> 00:31:26,480  
south to meet you and taylor who

583  
00:31:32,070 --> 00:31:28,640  
commanded flight 19 replied

584  
00:31:33,350 --> 00:31:32,080  
don't come after me he was warning his

585  
00:31:35,029 --> 00:31:33,360  
fellow

586  
00:31:37,269 --> 00:31:35,039  
flyers who were trying to rescue the

587  
00:31:39,350 --> 00:31:37,279  
plane which they thought was lost

588  
00:31:40,389 --> 00:31:39,360

and he said they look like they're from

589

00:31:54,380 --> 00:31:40,399

outer space

590

00:32:00,470 --> 00:31:56,630

[Music]

591

00:32:05,190 --> 00:32:00,480

on march 5th 1918 the uss cyclops

592

00:32:09,029 --> 00:32:07,509

a cold carrying cargo ship she had a

593

00:32:11,750 --> 00:32:09,039

crew of 309

594

00:32:13,190 --> 00:32:11,760

officers and men the british liner

595

00:32:13,990 --> 00:32:13,200

vestris reported that she'd heard a

596

00:32:16,470 --> 00:32:14,000

radio signal

597

00:32:18,680 --> 00:32:16,480

from the cyclops indicating weather fair

598

00:32:22,149 --> 00:32:18,690

and clear

599

00:32:26,549 --> 00:32:24,950

the cyclops was never seen or heard from

600

00:32:30,389 --> 00:32:26,559

again

601  
00:32:33,509 --> 00:32:30,399  
no trace was ever found ten years later

602  
00:32:39,830 --> 00:32:33,519  
in 1928 the line of vestris

603  
00:32:44,310 --> 00:32:42,310  
proteus the sistership of cyclops

604  
00:32:46,710 --> 00:32:44,320  
disappeared in the bermuda triangle

605  
00:32:49,990 --> 00:32:46,720  
between november 23rd and december 10

606  
00:32:53,830 --> 00:32:52,789  
she was carrying a cargo foxite like

607  
00:33:00,710 --> 00:32:53,840  
cyclops

608  
00:33:08,830 --> 00:33:04,470  
january 8 1962 an air force kb

609  
00:33:13,269 --> 00:33:08,840  
50 air tanker disappeared in clear

610  
00:33:17,570 --> 00:33:15,190  
no trace of the plane or its eight

611  
00:33:21,350 --> 00:33:17,580  
crewmen has ever been found

612  
00:33:26,310 --> 00:33:23,750  
more than a hundred ships and airplanes

613  
00:33:29,029 --> 00:33:26,320

have been lost in the bermuda triangle

614

00:33:30,710 --> 00:33:29,039

taking with them one thousand lives

615

00:33:32,789 --> 00:33:30,720

there is no explanation for the

616

00:33:36,070 --> 00:33:32,799

disappearances that have taken place in

617

00:33:39,190 --> 00:33:36,080

clear weather and calm seas

618

00:33:41,029 --> 00:33:39,200

is this the corridor to outer space did

619

00:33:41,590 --> 00:33:41,039

the first colonists plant a homing

620

00:33:45,029 --> 00:33:41,600

device

621

00:33:47,590 --> 00:33:45,039

a navigational aid under these waters

622

00:33:49,590 --> 00:33:47,600

a beacon for spacecraft to home in on

623

00:33:54,230 --> 00:33:49,600

that somehow interferes with our own

624

00:34:00,549 --> 00:33:58,549

january 16 1958 an air force officer

625

00:34:01,750 --> 00:34:00,559

aboard the brazilian ship amarante

626  
00:34:04,230 --> 00:34:01,760  
saldonia

627  
00:34:12,459 --> 00:34:04,240  
cited a flying disc that hovered over

628  
00:34:37,430 --> 00:34:18,829  
[Music]

629  
00:34:43,589 --> 00:34:41,990  
january 13 1967 a ufo was photographed

630  
00:34:49,360 --> 00:34:43,599  
as it dove and climbed above the

631  
00:34:56,869 --> 00:34:49,370  
louisiana bayous

632  
00:35:06,069 --> 00:35:03,510  
really really really really really

633  
00:35:07,620 --> 00:35:06,079  
were these and other ufos homing in on

634  
00:35:09,349 --> 00:35:07,630  
the triangle beacon

635  
00:35:11,510 --> 00:35:09,359  
[Music]

636  
00:35:15,589 --> 00:35:11,520  
is this a marker signaling a rival of

637  
00:35:19,270 --> 00:35:18,069  
it is a line that circles the globe

638  
00:35:21,270 --> 00:35:19,280

touching in turn

639

00:35:23,120 --> 00:35:21,280

all of the places where a colony planted

640

00:35:24,870 --> 00:35:23,130

on earth might have taken root

641

00:35:26,780 --> 00:35:24,880

[Music]

642

00:35:28,829 --> 00:35:26,790

india

643

00:35:32,330 --> 00:35:28,839

[Music]

644

00:35:35,510 --> 00:35:32,340

egypt the canary islands

645

00:35:38,069 --> 00:35:35,520

[Music]

646

00:35:45,030 --> 00:35:38,079

the bermuda triangle and finally the

647

00:35:47,589 --> 00:35:45,040

yucatan peninsula

648

00:35:49,829 --> 00:35:47,599

the deep jungles of central america make

649

00:35:52,550 --> 00:35:49,839

an ideal hiding place for a colony

650

00:35:54,710 --> 00:35:52,560

cut off from its home planet to this day

651  
00:35:56,230 --> 00:35:54,720  
the steaming malaria-ridden lowlands of

652  
00:35:59,510 --> 00:35:56,240  
the yucatan peninsula

653  
00:36:01,270 --> 00:35:59,520  
remain largely unexplored

654  
00:36:04,470 --> 00:36:01,280  
yet this is the home of the most

655  
00:36:11,349 --> 00:36:04,480  
mysterious people on earth

656  
00:36:15,190 --> 00:36:13,349  
we are asked to believe that the mayans

657  
00:36:17,670 --> 00:36:15,200  
were simple farmers

658  
00:36:19,510 --> 00:36:17,680  
but no logical reason exists for them to

659  
00:36:29,829 --> 00:36:19,520  
have planted crops on the most difficult

660  
00:36:33,640 --> 00:36:32,630  
no the mayans came here not to farm but

661  
00:36:36,710 --> 00:36:33,650  
to hide

662  
00:36:39,670 --> 00:36:36,720  
[Music]

663  
00:36:40,150 --> 00:36:39,680

no records tell where they come from no

664

00:36:42,790 --> 00:36:40,160

evidence

665

00:36:44,150 --> 00:36:42,800

explains where they have gone only

666

00:36:46,470 --> 00:36:44,160

citadels like ushma

667

00:36:47,190 --> 00:36:46,480

stand to remind us of a people markedly

668

00:36:49,829 --> 00:36:47,200

different from

669

00:36:52,069 --> 00:36:49,839

any other race on earth a brilliant

670

00:36:55,109 --> 00:36:52,079

civilization grew and flourished in

671

00:36:58,840 --> 00:36:55,119

absolute isolation seeming fearful of

672

00:37:01,270 --> 00:36:58,850

contact with other people on earth

673

00:37:03,670 --> 00:37:01,280

[Music]

674

00:37:05,589 --> 00:37:03,680

priests were the repository of all mayan

675

00:37:07,829 --> 00:37:05,599

knowledge

676  
00:37:09,430 --> 00:37:07,839  
they alone possessed a secret language

677  
00:37:10,630 --> 00:37:09,440  
distinct from that used by the rest of

678  
00:37:12,470 --> 00:37:10,640  
the people

679  
00:37:14,730 --> 00:37:12,480  
a language they brought from somewhere

680  
00:37:16,390 --> 00:37:14,740  
else and jealously preserved

681  
00:37:18,230 --> 00:37:16,400  
[Music]

682  
00:37:20,550 --> 00:37:18,240  
there are many other indications that

683  
00:37:23,030 --> 00:37:20,560  
they are not of the earth

684  
00:37:26,310 --> 00:37:23,040  
we know of their advancements they

685  
00:37:27,990 --> 00:37:26,320  
developed mathematics to a high art

686  
00:37:34,550 --> 00:37:28,000  
they invented the figure zero

687  
00:37:38,950 --> 00:37:37,190  
they developed a calendar so exact our

688  
00:37:41,990 --> 00:37:38,960

modern astronomical devices have

689

00:37:45,109 --> 00:37:42,000

improved upon it by only 17 seconds

690

00:37:47,150 --> 00:37:45,119

out of an entire year they also had a

691

00:37:49,030 --> 00:37:47,160

calendar which accurately measured a

692

00:37:52,310 --> 00:37:49,040

260-day year

693

00:37:54,069 --> 00:37:52,320

obviously not a year on earth perhaps it

694

00:37:54,800 --> 00:37:54,079

is a year on the planet from which they

695

00:37:56,130 --> 00:37:54,810

came

696

00:37:57,670 --> 00:37:56,140

[Applause]

697

00:37:59,670 --> 00:37:57,680

[Music]

698

00:38:01,750 --> 00:37:59,680

mayan pyramids may have been the first

699

00:38:03,270 --> 00:38:01,760

in the world the models for all the

700

00:38:05,510 --> 00:38:03,280

great pyramids

701  
00:38:06,710 --> 00:38:05,520  
and here too we find connection to outer

702  
00:38:09,270 --> 00:38:06,720  
space

703  
00:38:11,829 --> 00:38:09,280  
the very shape of the pyramid gives a

704  
00:38:13,750 --> 00:38:11,839  
clue to the secret of immortality

705  
00:38:14,870 --> 00:38:13,760  
an enterprising young physicist dr

706  
00:38:17,030 --> 00:38:14,880  
patrick flanagan

707  
00:38:18,870 --> 00:38:17,040  
interprets the link strange things that

708  
00:38:20,790 --> 00:38:18,880  
happen inside the pyramid

709  
00:38:22,230 --> 00:38:20,800  
but no one was able to pinpoint what

710  
00:38:24,710 --> 00:38:22,240  
these forces were

711  
00:38:27,030 --> 00:38:24,720  
and my research for the last three years

712  
00:38:29,670 --> 00:38:27,040  
has been on pinpointing these forces

713  
00:38:31,990 --> 00:38:29,680

and discovering what the effect is i've

714

00:38:36,150 --> 00:38:32,000

discovered that the pyramid

715

00:38:39,349 --> 00:38:36,160

is sort of a cosmic greenhouse by this

716

00:38:42,150 --> 00:38:39,359

we know that the pyramid shape

717

00:38:44,630 --> 00:38:42,160

is designed to intercept certain cosmic

718

00:38:47,670 --> 00:38:44,640

energies from cosmic particles

719

00:38:50,230 --> 00:38:47,680

in the same way that a greenhouse is

720

00:38:52,950 --> 00:38:50,240

designed so that the sun's rays will

721

00:38:53,670 --> 00:38:52,960

will enter the greenhouse at a right

722

00:38:55,990 --> 00:38:53,680

angle

723

00:38:58,069 --> 00:38:56,000

in order to effect maximum transfer of

724

00:38:59,030 --> 00:38:58,079

infrared energy into the interior of the

725

00:39:01,270 --> 00:38:59,040

greenhouse

726

00:39:02,150 --> 00:39:01,280

the walls of the pyramid are designed

727

00:39:04,950 --> 00:39:02,160

for maximum

728

00:39:07,030 --> 00:39:04,960

transfer of this energy bioplasmic

729

00:39:09,030 --> 00:39:07,040

energy or biocosmic energy

730

00:39:10,230 --> 00:39:09,040

whatever you want to call it and certain

731

00:39:13,430 --> 00:39:10,240

phenomena incur

732

00:39:15,270 --> 00:39:13,440

in the pyramid grains of wheat found

733

00:39:19,430 --> 00:39:15,280

inside the great pyramid

734

00:39:23,589 --> 00:39:19,440

in containers or in the floor

735

00:39:27,109 --> 00:39:23,599

5000 years old sprouted immediately

736

00:39:29,670 --> 00:39:27,119

also my own research indicates that

737

00:39:31,670 --> 00:39:29,680

for instance plants such as mung beans

738

00:39:33,030 --> 00:39:31,680

sprouts mummified in the pyramid are

739

00:39:35,510 --> 00:39:33,040

capable of growing

740

00:39:37,030 --> 00:39:35,520

after they have been dehydrated so this

741

00:39:41,030 --> 00:39:37,040

indicates that the pyramid

742

00:39:43,910 --> 00:39:41,040

energy phenomena maintains the actual

743

00:39:45,190 --> 00:39:43,920

life forces within the uh within the

744

00:39:47,670 --> 00:39:45,200

organism

745

00:39:50,069 --> 00:39:47,680

beyond the possibility of immortality

746

00:39:51,910 --> 00:39:50,079

inherent in the pyramids of the maya

747

00:39:54,230 --> 00:39:51,920

it is possible that they inspired the

748

00:39:56,230 --> 00:39:54,240

sudden unexplainable leaps made by other

749

00:39:57,670 --> 00:39:56,240

ancient civilizations

750

00:39:59,349 --> 00:39:57,680

they may have shared their highly

751  
00:40:00,069 --> 00:39:59,359  
advanced knowledge of astronomy with

752  
00:40:03,030 --> 00:40:00,079  
others

753  
00:40:05,270 --> 00:40:03,040  
for example the babylonians we have

754  
00:40:06,630 --> 00:40:05,280  
found cuneiform tablets that mark the

755  
00:40:08,790 --> 00:40:06,640  
phases of venus

756  
00:40:11,190 --> 00:40:08,800  
the four moons of jupiter and the

757  
00:40:13,510 --> 00:40:11,200  
satellites of saturn

758  
00:40:15,109 --> 00:40:13,520  
none of these bodies or events can be

759  
00:40:17,910 --> 00:40:15,119  
seen without a telescope

760  
00:40:19,670 --> 00:40:17,920  
a device invented 3 000 years after the

761  
00:40:22,829 --> 00:40:19,680  
tablets were carved

762  
00:40:24,900 --> 00:40:22,839  
the knowledge must have come from outer

763  
00:40:30,390 --> 00:40:24,910

space

764

00:40:31,750 --> 00:40:30,400

[Music]

765

00:40:34,630 --> 00:40:31,760

throughout the world there are

766

00:40:36,390 --> 00:40:34,640

references to interplanetary travel

767

00:40:38,710 --> 00:40:36,400

to some scholars the world's oldest

768

00:40:40,510 --> 00:40:38,720

source of wisdom is in india

769

00:40:43,109 --> 00:40:40,520

this chant is part of a spoken

770

00:40:45,910 --> 00:40:43,119

encyclopedia called the veda

771

00:40:47,910 --> 00:40:45,920

it is at least five thousand years old

772

00:40:50,710 --> 00:40:47,920

and may represent the oldest body of

773

00:40:52,550 --> 00:40:50,720

technical knowledge known to man

774

00:40:55,190 --> 00:40:52,560

the references to space travel are

775

00:40:57,109 --> 00:40:55,200

direct clear descriptions are given of

776

00:40:58,870 --> 00:40:57,119

the craft that was used and the method

777

00:41:01,589 --> 00:40:58,880

of propulsion

778

00:41:02,550 --> 00:41:01,599

the veda committed to paper 400 years

779

00:41:04,230 --> 00:41:02,560

ago

780

00:41:06,870 --> 00:41:04,240

is still the target of intensive

781

00:41:09,190 --> 00:41:06,880

research by scholars such as padmasri

782

00:41:12,630 --> 00:41:09,200

sivarama murti the director of the

783

00:41:20,069 --> 00:41:16,470

in ancient india as all over the world

784

00:41:23,109 --> 00:41:20,079

they had a desire to travel

785

00:41:26,710 --> 00:41:23,119

in the sky we have

786

00:41:30,630 --> 00:41:26,720

the aerial car of the god of light

787

00:41:33,670 --> 00:41:30,640

surya mentioned in the rigveda itself

788

00:41:37,030 --> 00:41:33,680

we have also the pushpagave

789

00:41:38,309 --> 00:41:37,040

wonderful aeroplane that could carry any

790

00:41:41,430 --> 00:41:38,319

number

791

00:41:44,550 --> 00:41:41,440

mentioned in the ramayana a real

792

00:41:48,069 --> 00:41:44,560

aerial car managed by an engine

793

00:41:51,030 --> 00:41:48,079

the rishis could transport themselves

794

00:41:53,349 --> 00:41:51,040

to any planet that they wanted because

795

00:41:55,829 --> 00:41:53,359

of their siddhi

796

00:41:58,150 --> 00:41:55,839

a force known as sidley might also have

797

00:42:00,150 --> 00:41:58,160

been called pyramid energy

798

00:42:02,710 --> 00:42:00,160

using this force the ancients could

799

00:42:04,950 --> 00:42:02,720

transport themselves anywhere on earth

800

00:42:06,230 --> 00:42:04,960

into the skies and finally to other

801  
00:42:07,990 --> 00:42:06,240  
planets

802  
00:42:11,349 --> 00:42:08,000  
and did the mayans use it to link

803  
00:42:15,270 --> 00:42:13,750  
if the tales and images of space travel

804  
00:42:17,109 --> 00:42:15,280  
were limited to india

805  
00:42:20,550 --> 00:42:17,119  
they could be dismissed as the product

806  
00:42:22,390 --> 00:42:20,560  
of overworked imaginations

807  
00:42:24,710 --> 00:42:22,400  
but how then could we account for

808  
00:42:31,109 --> 00:42:24,720  
primitive drawings in the rocks of indio

809  
00:42:33,109 --> 00:42:31,119  
county california

810  
00:42:35,510 --> 00:42:33,119  
in the 20th century we accept the

811  
00:42:37,829 --> 00:42:35,520  
existence of spacecraft

812  
00:42:38,870 --> 00:42:37,839  
what event could possibly have inspired

813  
00:42:40,790 --> 00:42:38,880

this 14

814

00:42:45,109 --> 00:42:40,800

000 year old drawing of a spaceship

815

00:42:47,270 --> 00:42:45,119

landing on the earth

816

00:42:48,790 --> 00:42:47,280

on a rocky plain in the andes called

817

00:42:56,829 --> 00:42:48,800

toro muerto

818

00:43:08,069 --> 00:42:58,560

scene

819

00:43:12,790 --> 00:43:10,309

we find evidence of past visits from

820

00:43:15,670 --> 00:43:12,800

space in many parts of the world

821

00:43:17,270 --> 00:43:15,680

the 2200 year old dead sea scrolls found

822

00:43:19,589 --> 00:43:17,280

in the caves of qumran

823

00:43:21,190 --> 00:43:19,599

bring us closer to the original bible

824

00:43:24,150 --> 00:43:21,200

than any other source

825

00:43:24,630 --> 00:43:24,160

and contain clear references to the holy

826  
00:43:29,670 --> 00:43:24,640  
ones

827  
00:43:33,030 --> 00:43:31,510  
while biblical scholars study the

828  
00:43:34,390 --> 00:43:33,040  
scrolls for their theological

829  
00:43:35,829 --> 00:43:34,400  
implications

830  
00:43:38,829 --> 00:43:35,839  
other scientists have looked to the

831  
00:43:41,349 --> 00:43:38,839  
bible for evidence of extraterrestrial

832  
00:43:43,910 --> 00:43:41,359  
visits

833  
00:43:45,270 --> 00:43:43,920  
an aerospace engineer at nasa's marshall

834  
00:43:47,750 --> 00:43:45,280  
space flight center

835  
00:43:49,030 --> 00:43:47,760  
joseph blumrich has found in the visions

836  
00:43:53,190 --> 00:43:49,040  
of ezekiel

837  
00:43:57,750 --> 00:43:56,390  
the prophet ezekiel describes four

838  
00:44:01,109 --> 00:43:57,760

encounters

839

00:44:04,150 --> 00:44:01,119

with spaceships at first he saw

840

00:44:06,230 --> 00:44:04,160

clouds fire and he heard

841

00:44:07,430 --> 00:44:06,240

noise coming out from the sky out of the

842

00:44:10,150 --> 00:44:07,440

north

843

00:44:11,030 --> 00:44:10,160

and as they approached apparently it

844

00:44:14,150 --> 00:44:11,040

came rather

845

00:44:17,349 --> 00:44:14,160

quite in his direction he

846

00:44:19,190 --> 00:44:17,359

observed what he calls living creatures

847

00:44:20,470 --> 00:44:19,200

but ezekiel calls the living creatures

848

00:44:22,950 --> 00:44:20,480

had straight legs

849

00:44:23,990 --> 00:44:22,960

and round feet or calf's feet sometimes

850

00:44:26,309 --> 00:44:24,000

they're called

851  
00:44:27,670 --> 00:44:26,319  
and it was the description of these

852  
00:44:31,510 --> 00:44:27,680  
landing lakes

853  
00:44:32,069 --> 00:44:31,520  
that made me take the book of ezekiel's

854  
00:44:34,950 --> 00:44:32,079  
series

855  
00:44:36,150 --> 00:44:34,960  
from an engineering point of view i have

856  
00:44:38,870 --> 00:44:36,160  
had

857  
00:44:40,150 --> 00:44:38,880  
the opportunity about 10 years ago to

858  
00:44:44,150 --> 00:44:40,160  
work with my group

859  
00:44:46,790 --> 00:44:44,160  
my office in the uh for the development

860  
00:44:48,870 --> 00:44:46,800  
of such landing gear for an unmanned

861  
00:44:51,190 --> 00:44:48,880  
lunar landing stage

862  
00:44:52,870 --> 00:44:51,200  
for that hypothetical vehicle we

863  
00:44:56,150 --> 00:44:52,880

developed a landing gear

864

00:45:04,230 --> 00:44:56,160

and what we called a foot pan and

865

00:45:06,470 --> 00:45:04,240

what ezekiel would call the round feet

866

00:45:07,349 --> 00:45:06,480

translating ezekiel into engineering

867

00:45:09,750 --> 00:45:07,359

terms

868

00:45:11,829 --> 00:45:09,760

mr bloomrich had these artist sketches

869

00:45:13,990 --> 00:45:11,839

made of a landing vehicle supported by

870

00:45:16,470 --> 00:45:14,000

four helicopter units

871

00:45:18,470 --> 00:45:16,480

one of the interesting examples of

872

00:45:21,990 --> 00:45:18,480

ezekiel's ability to observe

873

00:45:23,910 --> 00:45:22,000

and to describe are the faces he sees on

874

00:45:25,510 --> 00:45:23,920

these living creatures

875

00:45:27,670 --> 00:45:25,520

what they actually are is quite

876

00:45:29,750 --> 00:45:27,680

interesting some helicopters in

877

00:45:33,030 --> 00:45:29,760

particular in this case this one

878

00:45:35,349 --> 00:45:33,040

needs protection just some hood around

879

00:45:36,230 --> 00:45:35,359

to protect them against dust or weather

880

00:45:38,950 --> 00:45:36,240

and so on

881

00:45:44,309 --> 00:45:38,960

they may have the distinct appearance of

882

00:45:48,390 --> 00:45:46,150

the faces found in the metal work of

883

00:45:50,230 --> 00:45:48,400

spacecraft may have been the figures

884

00:45:52,470 --> 00:45:50,240

reported by ezekiel

885

00:45:53,470 --> 00:45:52,480

the biblical tale is hardly an isolated

886

00:45:56,230 --> 00:45:53,480

example

887

00:45:58,630 --> 00:45:56,240

[Music]

888

00:46:01,190 --> 00:45:58,640

our ancient figures with spacesuit like

889

00:46:04,309 --> 00:46:01,200

costumes the record of beings actually

890

00:46:08,390 --> 00:46:06,230

and where do the indians of columbia

891

00:46:10,150 --> 00:46:08,400

find models for these golden helmeted

892

00:46:18,710 --> 00:46:10,160

figures sculpted more than one

893

00:46:21,910 --> 00:46:20,870

the same people molded these golden

894

00:46:24,230 --> 00:46:21,920

objects which look

895

00:46:30,390 --> 00:46:24,240

startlingly like a modern delta wing jet

896

00:46:34,390 --> 00:46:32,309

could flight have played a role in the

897

00:46:35,510 --> 00:46:34,400

construction of this rocky fortress in

898

00:46:38,470 --> 00:46:35,520

peru

899

00:46:39,910 --> 00:46:38,480

called aliente tumble it spans a pass

900

00:46:43,109 --> 00:46:39,920

through the mountains that link the

901  
00:46:44,870 --> 00:46:43,119  
jungle with the sea

902  
00:46:46,950 --> 00:46:44,880  
the inca builders were accomplished

903  
00:46:50,870 --> 00:46:46,960  
stone masons who built a chain of

904  
00:46:55,510 --> 00:46:53,109  
but nowhere is there an explanation for

905  
00:46:56,550 --> 00:46:55,520  
the technology used to carry enormous

906  
00:46:59,750 --> 00:46:56,560  
pink slabs

907  
00:47:01,430 --> 00:46:59,760  
each one more than 60 tons from this

908  
00:47:03,750 --> 00:47:01,440  
mountain where they were quarried

909  
00:47:05,589 --> 00:47:03,760  
and then 10 000 feet up the face of

910  
00:47:07,670 --> 00:47:05,599  
oliante tambo

911  
00:47:11,350 --> 00:47:07,680  
what else but flight could account for

912  
00:47:21,349 --> 00:47:11,360  
raising the stones to the mountain top

913  
00:47:24,069 --> 00:47:21,359

[Music]

914

00:47:26,150 --> 00:47:24,079

an iron pillar was forged seventeen

915

00:47:29,270 --> 00:47:26,160

hundred years ago in india

916

00:47:31,030 --> 00:47:29,280

it confounds the laws of metallurgy too

917

00:47:34,390 --> 00:47:31,040

large to have been forged in one

918

00:47:38,470 --> 00:47:34,400

piece so long ago it is rust free after

919

00:47:41,109 --> 00:47:38,480

seventeen hundred years

920

00:47:42,950 --> 00:47:41,119

the bead is turquoise another extremely

921

00:47:46,150 --> 00:47:42,960

hard gemstone

922

00:47:52,630 --> 00:47:46,160

it is 1700 years old and was probably

923

00:47:55,109 --> 00:47:52,640

part of a necklace or bracelet

924

00:47:57,349 --> 00:47:55,119

the hole in each bead has a diameter of

925

00:47:59,589 --> 00:47:57,359

0.19 millimeters

926

00:48:03,589 --> 00:47:59,599

even today we can barely drill holes

927

00:48:06,950 --> 00:48:05,750

the strangely knotted strings are called

928

00:48:09,349 --> 00:48:06,960

kipu

929

00:48:11,510 --> 00:48:09,359

no one today can read them but when the

930

00:48:13,430 --> 00:48:11,520

spaniards first came to peru

931

00:48:15,990 --> 00:48:13,440

the inca kings would call upon their

932

00:48:18,870 --> 00:48:16,000

rememberers who would consult the kipu

933

00:48:23,109 --> 00:48:18,880

and account for every kernel of corn and

934

00:48:26,790 --> 00:48:24,790

but the key pool were more than a

935

00:48:28,710 --> 00:48:26,800

numerical accounting system

936

00:48:30,710 --> 00:48:28,720

for with it an accomplished rememberer

937

00:48:35,190 --> 00:48:30,720

could call forth epic poems

938

00:48:37,109 --> 00:48:35,200

historical dates and events

939

00:48:38,870 --> 00:48:37,119

the knots show how the decimal system

940

00:48:41,270 --> 00:48:38,880

was used in the kipu

941

00:48:43,670 --> 00:48:41,280

but added to them were colored threads

942

00:48:47,910 --> 00:48:43,680

that offered subtle nuances and shades

943

00:48:50,390 --> 00:48:47,920

of meaning that are forever lost to us

944

00:48:52,230 --> 00:48:50,400

so sophisticated was the kippu however

945

00:48:54,230 --> 00:48:52,240

that some investigators believe it was

946

00:49:00,230 --> 00:48:54,240

the inca version of a computer punch

947

00:49:05,910 --> 00:49:02,150

an enormous crystal was placed in a

948

00:49:08,549 --> 00:49:05,920

mochika grave more than 1500 years ago

949

00:49:09,670 --> 00:49:08,559

it is among the hardest of all minerals

950

00:49:11,829 --> 00:49:09,680

yet it was cut

951  
00:49:13,750 --> 00:49:11,839  
polished and shaped by a technology that

952  
00:49:20,230 --> 00:49:13,760  
theoretically could not have existed at

953  
00:49:26,150 --> 00:49:23,030  
other hands carve this skull the british

954  
00:49:28,069 --> 00:49:26,160  
museum calls it 15th century aztec

955  
00:49:30,710 --> 00:49:28,079  
but why would the aztecs who never

956  
00:49:31,589 --> 00:49:30,720  
created naturalistic art suddenly render

957  
00:49:33,000 --> 00:49:31,599  
and crystal

958  
00:49:35,829 --> 00:49:33,010  
a skull

959  
00:49:37,829 --> 00:49:35,839  
[Music]

960  
00:49:39,829 --> 00:49:37,839  
it is possible that the mayan jungle

961  
00:49:41,510 --> 00:49:39,839  
strongholds provided the knowledge that

962  
00:49:43,589 --> 00:49:41,520  
advanced the civilization of

963  
00:49:44,710 --> 00:49:43,599

all of the people on earth no matter

964

00:49:51,589 --> 00:49:44,720

where we look

965

00:49:57,829 --> 00:49:54,549

how else can we explain a 700 year old

966

00:50:00,390 --> 00:49:57,839

transplant of a rust-free iron tooth

967

00:50:02,390 --> 00:50:00,400

found in a peruvian grave it seemingly

968

00:50:04,309 --> 00:50:02,400

is as functional as any modern dental

969

00:50:06,470 --> 00:50:04,319

prosthesis

970

00:50:10,829 --> 00:50:06,480

other graves yield a suggestion that the

971

00:50:15,190 --> 00:50:12,309

neurosurgeons

972

00:50:16,630 --> 00:50:15,200

at the cuzco archaeological museum dr

973

00:50:18,150 --> 00:50:16,640

fernando caballesi

974

00:50:21,510 --> 00:50:18,160

professor of neurosurgery at the

975

00:50:26,630 --> 00:50:21,520

university of san marco demonstrates

976  
00:50:27,109 --> 00:50:26,640  
these skulls here are a just a very

977  
00:50:30,309 --> 00:50:27,119  
small

978  
00:50:34,549 --> 00:50:30,319  
sample of the tremendous amount

979  
00:50:37,910 --> 00:50:34,559  
of skulls that were found in the

980  
00:50:38,549 --> 00:50:37,920  
graves of the ancient peruvians i think

981  
00:50:41,349 --> 00:50:38,559  
that

982  
00:50:43,270 --> 00:50:41,359  
all in all we have studied more than 10

983  
00:50:46,150 --> 00:50:43,280  
000 skulls that

984  
00:50:48,390 --> 00:50:46,160  
have been on earth now these are some of

985  
00:50:51,510 --> 00:50:48,400  
the instruments that they used

986  
00:50:55,990 --> 00:50:51,520  
this is called the tumi tumi knife

987  
00:50:59,990 --> 00:50:56,000  
which was used this way just to open

988  
00:51:03,910 --> 00:51:00,000

the scalp this cannot be used

989

00:51:06,230 --> 00:51:03,920

in the bone

990

00:51:09,270 --> 00:51:06,240

they used to open the bone they use

991

00:51:13,109 --> 00:51:09,280

other bronze instruments like this

992

00:51:15,670 --> 00:51:13,119

just to pry up the bone like here

993

00:51:17,270 --> 00:51:15,680

prying up the bone there are some other

994

00:51:21,750 --> 00:51:17,280

odd instruments like this

995

00:51:25,510 --> 00:51:21,760

just to to make these indentations

996

00:51:29,109 --> 00:51:25,520

and there are at least two different

997

00:51:31,589 --> 00:51:29,119

uh two dozen different other instruments

998

00:51:34,829 --> 00:51:31,599

that were used also

999

00:51:37,349 --> 00:51:34,839

this one here is a very interesting

1000

00:51:38,950 --> 00:51:37,359

specimen it shows a very persistent

1001  
00:51:41,750 --> 00:51:38,960  
surgeon

1002  
00:51:44,390 --> 00:51:41,760  
you find here that this man suffered

1003  
00:51:47,510 --> 00:51:44,400  
four operations

1004  
00:51:48,150 --> 00:51:47,520  
and he survived every one of them either

1005  
00:51:51,829 --> 00:51:48,160  
was a

1006  
00:51:55,109 --> 00:51:51,839  
very sick man of a very persistent

1007  
00:51:57,030 --> 00:51:55,119  
individual who operated on them but

1008  
00:51:58,710 --> 00:51:57,040  
he was a very good technician because

1009  
00:52:01,829 --> 00:51:58,720  
after all

1010  
00:52:04,950 --> 00:52:01,839  
these areas especially these two

1011  
00:52:08,150 --> 00:52:04,960  
openings are right over very

1012  
00:52:11,190 --> 00:52:08,160  
very dangerous sites that even

1013  
00:52:13,190 --> 00:52:11,200

right now with all the techniques that

1014

00:52:15,670 --> 00:52:13,200

we use now we would

1015

00:52:16,630 --> 00:52:15,680

just be very much afraid of operating in

1016

00:52:18,950 --> 00:52:16,640

these sites

1017

00:52:20,230 --> 00:52:18,960

and this man really survived these

1018

00:52:23,910 --> 00:52:20,240

operations

1019

00:52:27,030 --> 00:52:23,920

in calca near here near cusco

1020

00:52:31,430 --> 00:52:27,040

where about i would say

1021

00:52:34,549 --> 00:52:31,440

85 percent of these skulls show healed

1022

00:52:37,829 --> 00:52:34,559

three phonations eighty-five percent

1023

00:52:40,470 --> 00:52:37,839

of survival from skull

1024

00:52:41,270 --> 00:52:40,480

operations is a pretty good and

1025

00:52:46,710 --> 00:52:41,280

excellent

1026  
00:52:49,510 --> 00:52:46,720  
uh result

1027  
00:52:51,270 --> 00:52:49,520  
at the yarkees regional primate center

1028  
00:52:52,710 --> 00:52:51,280  
scientists implant monkeys with

1029  
00:52:54,950 --> 00:52:52,720  
electrodes

1030  
00:52:55,990 --> 00:52:54,960  
the experiment stimulates the brain with

1031  
00:53:02,230 --> 00:52:56,000  
radio waves

1032  
00:53:05,670 --> 00:53:04,309  
are today's scientists seeking knowledge

1033  
00:53:12,829 --> 00:53:05,680  
already gained by

1034  
00:53:22,790 --> 00:53:15,240  
ago

1035  
00:53:26,160 --> 00:53:23,240  
[Music]

1036  
00:53:31,829 --> 00:53:26,170  
[Laughter]

1037  
00:53:34,470 --> 00:53:31,839  
[Music]

1038  
00:53:38,630 --> 00:53:34,480

the monkey house of any zoo provides us

1039

00:53:42,069 --> 00:53:40,470

but occasionally our laughter is

1040

00:53:45,670 --> 00:53:42,079

accompanied by an uncomfortable

1041

00:53:47,030 --> 00:53:45,680

feeling we're not too different from the

1042

00:53:49,510 --> 00:53:47,040

apes

1043

00:53:50,870 --> 00:53:49,520

with them we share common blood groups a

1044

00:53:53,589 --> 00:53:50,880

similar anatomy

1045

00:53:59,460 --> 00:53:53,599

and perhaps a billion or more years ago

1046

00:53:59,470 --> 00:54:10,410

[Music]

1047

00:54:20,150 --> 00:54:13,980

[Laughter]

1048

00:54:24,549 --> 00:54:22,710

over here throw it here come here monkey

1049

00:54:27,030 --> 00:54:24,559

over this way there you go

1050

00:54:27,670 --> 00:54:27,040

throw it here throw it here hey over

1051

00:54:31,030 --> 00:54:27,680

this way

1052

00:54:33,270 --> 00:54:31,040

come on sometime in the distant past

1053

00:54:35,030 --> 00:54:33,280

the links between man and ape were

1054

00:54:40,390 --> 00:54:35,040

snapped by an event that forever

1055

00:54:40,400 --> 00:54:55,270

but no one knows exactly what took place

1056

00:54:59,990 --> 00:54:57,829

for thousands of years neanderthal was

1057

00:55:03,510 --> 00:55:00,000

the most advanced primate on earth

1058

00:55:06,309 --> 00:55:03,520

and a logical ancestor of man

1059

00:55:07,829 --> 00:55:06,319

but neanderthal suddenly disappeared 35

1060

00:55:10,069 --> 00:55:07,839

000 years ago

1061

00:55:12,390 --> 00:55:10,079

and now a new creature appeared

1062

00:55:15,670 --> 00:55:12,400

cro-magnon

1063

00:55:17,829 --> 00:55:15,680

suddenly he began to walk the earth

1064

00:55:19,829 --> 00:55:17,839

we are his descendants and it is

1065

00:55:22,580 --> 00:55:19,839

possible that he arrived from outer

1066

00:55:22,590 --> 00:55:32,069

[Music]

1067

00:55:36,150 --> 00:55:34,470

could evidence of cro-magnon's arrival

1068

00:55:41,430 --> 00:55:36,160

be found at tijuana

1069

00:55:45,510 --> 00:55:43,990

on the walls are heads giving to an

1070

00:55:47,510 --> 00:55:45,520

ancient temple the same

1071

00:55:53,589 --> 00:55:47,520

feeling as a modern-day anthropological

1072

00:55:57,750 --> 00:55:55,910

the faces show a bewildering variety of

1073

00:56:01,190 --> 00:55:57,760

shapes and expressions

1074

00:56:01,990 --> 00:56:01,200

some are familiar others alien a range

1075

00:56:05,670 --> 00:56:02,000

that covers the

1076  
00:56:17,910 --> 00:56:05,680  
racial spectrum of man are these then

1077  
00:56:23,829 --> 00:56:19,990  
how could life have been transported to

1078  
00:56:27,670 --> 00:56:26,230  
certainly in a universe 13 billion years

1079  
00:56:29,510 --> 00:56:27,680  
old

1080  
00:56:31,990 --> 00:56:29,520  
there was time enough for uncounted

1081  
00:56:34,870 --> 00:56:32,000  
species to rise

1082  
00:56:36,789 --> 00:56:34,880  
create civilizations and scatter them

1083  
00:56:38,789 --> 00:56:36,799  
across the universe

1084  
00:56:47,990 --> 00:56:38,799  
reaching even the small out of the way

1085  
00:56:52,950 --> 00:56:50,309  
dr leslie orgel is a biologist at the

1086  
00:56:55,270 --> 00:56:52,960  
salk institute in california

1087  
00:56:55,990 --> 00:56:55,280  
he and nobel prize winner sir francis

1088  
00:56:57,750 --> 00:56:56,000

crick

1089

00:56:59,109 --> 00:56:57,760

developed the theory of directed

1090

00:57:01,030 --> 00:56:59,119

panspermia

1091

00:57:03,510 --> 00:57:01,040

the idea that life on earth was sent

1092

00:57:06,549 --> 00:57:03,520

here by a superior civilization

1093

00:57:08,630 --> 00:57:06,559

dr horgal in the

1094

00:57:10,069 --> 00:57:08,640

19th century there were two theories

1095

00:57:12,630 --> 00:57:10,079

about how life

1096

00:57:14,309 --> 00:57:12,640

could have got to the earth from outside

1097

00:57:16,789 --> 00:57:14,319

one theory which was due to

1098

00:57:17,750 --> 00:57:16,799

lord kelvin in england said that life

1099

00:57:21,270 --> 00:57:17,760

arrived

1100

00:57:22,710 --> 00:57:21,280

as a spore carried on a meteorite

1101

00:57:24,390 --> 00:57:22,720

and the other theory which was

1102

00:57:27,510 --> 00:57:24,400

popularized by

1103

00:57:29,510 --> 00:57:27,520

iranians in sweden suggested

1104

00:57:31,670 --> 00:57:29,520

that a spa could have been blown

1105

00:57:33,829 --> 00:57:31,680

directly from a planet on another solar

1106

00:57:36,470 --> 00:57:33,839

system all the way to the earth

1107

00:57:36,950 --> 00:57:36,480

now in the last 10 or 20 years it's been

1108

00:57:38,710 --> 00:57:36,960

come

1109

00:57:40,150 --> 00:57:38,720

more and more clear that these theories

1110

00:57:43,430 --> 00:57:40,160

just won't work

1111

00:57:45,750 --> 00:57:43,440

but a spore coming from outer space

1112

00:57:47,670 --> 00:57:45,760

would be destroyed by radiation long

1113

00:57:50,230 --> 00:57:47,680

before it got here

1114

00:57:52,630 --> 00:57:50,240

and a meteorite probably could never

1115

00:57:55,510 --> 00:57:52,640

escape from another solar system

1116

00:57:56,630 --> 00:57:55,520

now directed panspermia is a sort of

1117

00:58:00,069 --> 00:57:56,640

last attempt

1118

00:58:03,109 --> 00:58:00,079

to resurrect the theory that life

1119

00:58:04,789 --> 00:58:03,119

could have come here from elsewhere

1120

00:58:06,549 --> 00:58:04,799

and the notion is that maybe life was

1121

00:58:09,589 --> 00:58:06,559

deliberately sent here

1122

00:58:13,480 --> 00:58:09,599

by a technological society on some of

1123

00:58:20,829 --> 00:58:13,490

our other planet probably in our own

1124

00:58:20,839 --> 00:58:23,910

galaxy

1125

00:58:23,920 --> 00:58:34,829

[Music]

1126  
00:58:34,839 --> 00:58:45,590  
so

1127  
00:58:53,190 --> 00:58:50,549  
[Music]

1128  
00:58:55,030 --> 00:58:53,200  
to reach earth base 1 spaceships would

1129  
00:58:56,549 --> 00:58:55,040  
have to spend hundreds of years in

1130  
00:58:58,870 --> 00:58:56,559  
flight

1131  
00:59:00,549 --> 00:58:58,880  
to transport and sustain life over such

1132  
00:59:02,470 --> 00:59:00,559  
an extended time

1133  
00:59:04,150 --> 00:59:02,480  
space traveling civilization would have

1134  
00:59:07,030 --> 00:59:04,160  
to ship an entire colony of

1135  
00:59:08,470 --> 00:59:07,040  
men across a galaxy in suspended

1136  
00:59:11,109 --> 00:59:08,480  
animation

1137  
00:59:13,589 --> 00:59:11,119  
did it happen in the past was this the

1138  
00:59:21,030 --> 00:59:13,599

secret of early space travelers

1139

00:59:25,109 --> 00:59:23,430

the method is called interspecies embryo

1140

00:59:26,710 --> 00:59:25,119

transplantation

1141

00:59:29,030 --> 00:59:26,720

it was developed here at the worcester

1142

00:59:34,549 --> 00:59:29,040

foundation for experimental biology

1143

00:59:39,829 --> 00:59:37,990

in 1952 dr chang took a number of

1144

00:59:40,549 --> 00:59:39,839

fertilized eggs from the womb of a

1145

00:59:43,750 --> 00:59:40,559

rabbit

1146

00:59:45,510 --> 00:59:43,760

and carried them to england there the

1147

00:59:46,630 --> 00:59:45,520

eggs were implanted in the womb of

1148

00:59:49,430 --> 00:59:46,640

another rabbit

1149

00:59:49,829 --> 00:59:49,440

where they came to turn the offspring in

1150

00:59:52,630 --> 00:59:49,839

turn

1151  
00:59:54,309 --> 00:59:52,640  
became pregnant their fertilized eggs

1152  
00:59:56,789 --> 00:59:54,319  
were then taken from england

1153  
00:59:58,870 --> 00:59:56,799  
and implanted in the worcester rabbits

1154  
01:00:00,870 --> 00:59:58,880  
the worcester colony is now composed of

1155  
01:00:03,829 --> 01:00:00,880  
the descendants of that first embryo

1156  
01:00:07,430 --> 01:00:06,309  
something just like this then put into

1157  
01:00:10,390 --> 01:00:07,440  
the test tube

1158  
01:00:12,710 --> 01:00:10,400  
so i put those rabbits egg into those

1159  
01:00:15,750 --> 01:00:12,720  
tubes and put into a flask

1160  
01:00:18,150 --> 01:00:15,760  
and brain back and then transplant by

1161  
01:00:19,589 --> 01:00:18,160  
reaching into the heart of this cell

1162  
01:00:21,430 --> 01:00:19,599  
scientists are challenging our

1163  
01:00:22,789 --> 01:00:21,440

traditional concepts of life and

1164

01:00:25,190 --> 01:00:22,799

morality

1165

01:00:27,190 --> 01:00:25,200

yet faced with the threat of extinction

1166

01:00:30,390 --> 01:00:27,200

a species capable of finding its

1167

01:00:32,470 --> 01:00:30,400

salvation in an advanced biotechnology

1168

01:00:35,670 --> 01:00:32,480

would surely seize the opportunity i

1169

01:00:37,670 --> 01:00:35,680

think it's possible to transport a human

1170

01:00:42,390 --> 01:00:37,680

eggs from one plant

1171

01:00:44,950 --> 01:00:42,400

one planet to another planet

1172

01:00:46,390 --> 01:00:44,960

our own biotechnology has made of the

1173

01:00:49,109 --> 01:00:46,400

rabbit the container

1174

01:00:49,750 --> 01:00:49,119

in which entire herds of cattle flocks

1175

01:00:51,589 --> 01:00:49,760

of sheep

1176  
01:00:53,670 --> 01:00:51,599  
and other animals are shipped around the

1177  
01:00:55,589 --> 01:00:53,680  
world

1178  
01:00:56,710 --> 01:00:55,599  
at the wayne state medical center in

1179  
01:00:59,510 --> 01:00:56,720  
detroit

1180  
01:01:01,589 --> 01:00:59,520  
dr e s e hafiz has just received a

1181  
01:01:03,750 --> 01:01:01,599  
rabbit from south america

1182  
01:01:21,990 --> 01:01:03,760  
it carries embryonic additions to his

1183  
01:01:28,870 --> 01:01:25,109  
the idea of embryo transfer is to

1184  
01:01:32,150 --> 01:01:28,880  
obtain large number of embryos

1185  
01:01:34,549 --> 01:01:32,160  
from one species and ship them to

1186  
01:01:39,270 --> 01:01:34,559  
another part of the world

1187  
01:01:44,710 --> 01:01:39,280  
in the easy species like the rabbit

1188  
01:01:52,069 --> 01:01:48,549

and we'll have 200 embryos of monkeys

1189

01:01:57,430 --> 01:01:52,079

in them in this one right the first

1190

01:01:57,440 --> 01:02:02,069

the embryo

1191

01:02:02,079 --> 01:02:12,069

this is require surgery

1192

01:02:15,430 --> 01:02:13,829

we're going in the lumen which is very

1193

01:02:24,789 --> 01:02:15,440

good

1194

01:02:24,799 --> 01:02:41,270

of the embryo under the microscope

1195

01:02:48,069 --> 01:02:44,630

then the transfer of the embryo into

1196

01:02:48,870 --> 01:02:48,079

another species and then we will go to

1197

01:02:54,470 --> 01:02:48,880

the monkey

1198

01:02:58,470 --> 01:02:54,480

were put in the rabbit into

1199

01:03:08,150 --> 01:03:00,390

i don't like to put any air bubbles

1200

01:03:08,160 --> 01:03:14,829

and i think this is ready to go to the

1201  
01:03:42,829 --> 01:03:16,390  
colony

1202  
01:03:42,839 --> 01:03:56,829  
do

1203  
01:03:56,839 --> 01:04:00,040  
so

1204  
01:04:00,050 --> 01:04:22,630  
[Music]

1205  
01:04:27,430 --> 01:04:25,670  
a colony of cells lives in the bottle

1206  
01:04:28,870 --> 01:04:27,440  
the red fluid in which they float is

1207  
01:04:30,630 --> 01:04:28,880  
their food

1208  
01:04:32,950 --> 01:04:30,640  
tissue cultures such as this have

1209  
01:04:35,190 --> 01:04:32,960  
supported colonies of the same cells for

1210  
01:04:37,190 --> 01:04:35,200  
more than 50 years

1211  
01:04:39,670 --> 01:04:37,200  
in the same manner a colony of

1212  
01:04:41,589 --> 01:04:39,680  
fertilized human eggs or embryos

1213  
01:04:44,069 --> 01:04:41,599

might be kept alive during a long

1214

01:04:46,069 --> 01:04:44,079

journey between the stars

1215

01:04:48,390 --> 01:04:46,079

periodically several embryos would be

1216

01:04:51,270 --> 01:04:48,400

implanted into female crew members

1217

01:04:52,150 --> 01:04:51,280

be born grow and take their place in the

1218

01:04:54,069 --> 01:04:52,160

crew

1219

01:04:56,630 --> 01:04:54,079

caring for the embryo colony that would

1220

01:04:58,490 --> 01:04:56,640

one day be planted on a new world

1221

01:05:01,270 --> 01:04:58,500

light years from their home planet

1222

01:05:03,910 --> 01:05:01,280

[Music]

1223

01:05:06,309 --> 01:05:03,920

in just such a fashion a rocket might

1224

01:05:08,870 --> 01:05:06,319

have crossed the reaches of open space

1225

01:05:23,640 --> 01:05:08,880

and brought to earth an embryonic colony

1226

01:05:30,160 --> 01:05:23,650

destined to become the ancestors of men

1227

01:05:30,170 --> 01:05:34,829

[Music]

1228

01:05:38,150 --> 01:05:36,069

so

1229

01:05:41,050 --> 01:05:38,160

do ancient drawings commemorate the

1230

01:05:43,670 --> 01:05:41,060

arrival of life on earth

1231

01:05:46,870 --> 01:05:43,680

[Music]

1232

01:05:47,190 --> 01:05:46,880

all over the world men have cut shaped

1233

01:05:49,910 --> 01:05:47,200

and

1234

01:05:51,880 --> 01:05:49,920

gouged the earth to create images that

1235

01:05:55,910 --> 01:05:51,890

could only be seen from the heavens

1236

01:05:59,349 --> 01:05:58,069

the more we understand the progress of

1237

01:06:00,950 --> 01:05:59,359

modern science

1238

01:06:08,140 --> 01:06:00,960

the more we must re-examine the

1239

01:06:14,630 --> 01:06:12,870

[Music]

1240

01:06:16,950 --> 01:06:14,640

the ancient egyptians built an

1241

01:06:17,750 --> 01:06:16,960

incredible complex of temples that were

1242

01:06:23,029 --> 01:06:17,760

in reality

1243

01:06:26,630 --> 01:06:25,750

the temple of amun ra the sun god and

1244

01:06:28,390 --> 01:06:26,640

creator

1245

01:06:29,990 --> 01:06:28,400

is aligned so that its axis points

1246

01:06:32,090 --> 01:06:30,000

directly to the sun

1247

01:06:40,150 --> 01:06:32,100

at the moment of the midwinter solstice

1248

01:06:44,069 --> 01:06:42,630

the temples of mutt and kansu the

1249

01:06:46,390 --> 01:06:44,079

consort of ra

1250

01:06:49,109 --> 01:06:46,400

form an axis that points to the crescent

1251

01:06:53,510 --> 01:06:49,119

moon that rises the day after the summer

1252

01:06:57,029 --> 01:06:55,829

egyptian astronomy was both practical

1253

01:06:58,630 --> 01:06:57,039

and spiritual

1254

01:07:00,549 --> 01:06:58,640

for it allowed them to predict the

1255

01:07:03,750 --> 01:07:00,559

annual flooding of the Nile

1256

01:07:06,470 --> 01:07:03,760

and thus know when to plant their crops

1257

01:07:09,750 --> 01:07:06,480

but more important the temple lines

1258

01:07:14,150 --> 01:07:09,760

could be followed directly to the sun

1259

01:07:16,549 --> 01:07:14,160

the source of immortality

1260

01:07:18,309 --> 01:07:16,559

to the ancient Egyptians death was but a

1261

01:07:21,670 --> 01:07:18,319

doorway that led from a life of

1262

01:07:23,829 --> 01:07:21,680

insignificance to eternal life

1263

01:07:24,870 --> 01:07:23,839

and so the egyptian pharaohs crossed

1264

01:07:26,789 --> 01:07:24,880

from karnak

1265

01:07:28,069 --> 01:07:26,799

on the east bank of the Nile where the

1266

01:07:30,230 --> 01:07:28,079

living dwelled

1267

01:07:35,349 --> 01:07:30,240

to the west bank where they entered the

1268

01:07:40,829 --> 01:07:37,510

once within the city of the dead the

1269

01:07:45,010 --> 01:07:40,839

pharaoh was prepared for a journey into

1270

01:08:04,230 --> 01:08:00,400

[Music]

1271

01:08:06,710 --> 01:08:04,240

[Applause]

1272

01:08:08,230 --> 01:08:06,720

in the light of present-day knowledge

1273

01:08:09,349 --> 01:08:08,240

the ancient Egyptian art of

1274

01:08:11,670 --> 01:08:09,359

mummification

1275

01:08:13,540 --> 01:08:11,680

seems an echo of modern day preparations

1276

01:08:15,430 --> 01:08:13,550

for space travel

1277

01:08:17,829 --> 01:08:15,440

[Music]

1278

01:08:20,789 --> 01:08:17,839

the egyptians believed that two spirits

1279

01:08:23,510 --> 01:08:20,799

remained with a man after death

1280

01:08:24,950 --> 01:08:23,520

the second spirit the bar was the space

1281

01:08:27,430 --> 01:08:24,960

traveler

1282

01:08:29,269 --> 01:08:27,440

each night the bar left the body and

1283

01:08:30,870 --> 01:08:29,279

traveled with the sun through space

1284

01:08:31,550 --> 01:08:30,880

until it returned to light the world

1285

01:08:35,110 --> 01:08:31,560

again

1286

01:08:37,590 --> 01:08:35,120

[Music]

1287

01:08:38,149 --> 01:08:37,600

to the ancient egyptians the car and the

1288

01:08:41,269 --> 01:08:38,159

ba

1289

01:08:43,910 --> 01:08:41,279

were not abstract disembodied ghosts but

1290

01:08:51,110 --> 01:08:43,920

real entities and they required a place

1291

01:08:54,789 --> 01:08:53,030

the burial tombs of the pharaohs were

1292

01:08:57,189 --> 01:08:54,799

therefore far more elaborate and more

1293

01:09:00,370 --> 01:08:57,199

richly decorated than any of the palaces

1294

01:09:03,110 --> 01:09:00,380

in which they reigned during life

1295

01:09:05,189 --> 01:09:03,120

[Music]

1296

01:09:07,110 --> 01:09:05,199

the death rites of the egyptians may

1297

01:09:09,510 --> 01:09:07,120

well have been imitations of an event

1298

01:09:14,099 --> 01:09:09,520

they had been told of or witnessed

1299

01:09:14,109 --> 01:09:18,829

[Music]

1300

01:09:22,149 --> 01:09:19,990

space

1301  
01:09:25,910 --> 01:09:22,159  
the pyramids were more than mere tombs

1302  
01:09:29,749 --> 01:09:27,829  
the great pyramid of chiops is an

1303  
01:09:30,550 --> 01:09:29,759  
almanac that measures the days of the

1304  
01:09:32,709 --> 01:09:30,560  
year

1305  
01:09:35,070 --> 01:09:32,719  
the circumference of the earth and the

1306  
01:09:36,470 --> 01:09:35,080  
distance to the sun

1307  
01:09:38,550 --> 01:09:36,480  
[Music]

1308  
01:09:40,470 --> 01:09:38,560  
the egyptian pyramids have been studied

1309  
01:09:41,910 --> 01:09:40,480  
by many scientists

1310  
01:09:44,870 --> 01:09:41,920  
but the great breakthroughs have been

1311  
01:09:46,870 --> 01:09:44,880  
made by physicist patrick flanagan

1312  
01:09:48,470 --> 01:09:46,880  
his studies have shown the peculiar

1313  
01:09:53,189 --> 01:09:48,480

function of the pyramid

1314

01:09:57,830 --> 01:09:55,030

it's very possible that the great

1315

01:10:00,950 --> 01:09:57,840

pyramid of giza was constructed by

1316

01:10:03,189 --> 01:10:00,960

a race of scientists having far superior

1317

01:10:05,270 --> 01:10:03,199

knowledge to our own

1318

01:10:07,669 --> 01:10:05,280

the fact that the great pyramid is level

1319

01:10:09,189 --> 01:10:07,679

over an area of fourteen acres within

1320

01:10:11,030 --> 01:10:09,199

one half of an inch

1321

01:10:13,510 --> 01:10:11,040

and is the world's most accurately

1322

01:10:15,590 --> 01:10:13,520

aligned building to true north

1323

01:10:17,110 --> 01:10:15,600

and the fact that it incorporates higher

1324

01:10:20,470 --> 01:10:17,120

mathematics

1325

01:10:24,149 --> 01:10:20,480

in its very design indicate that a

1326

01:10:27,110 --> 01:10:24,159

superior race designed the great pyramid

1327

01:10:29,270 --> 01:10:27,120

now when we ask why is there possibility

1328

01:10:31,830 --> 01:10:29,280

for instance that the great pyramid

1329

01:10:33,590 --> 01:10:31,840

is some kind of space beacon well this

1330

01:10:34,870 --> 01:10:33,600

may be very possible that the great

1331

01:10:38,550 --> 01:10:34,880

pyramid is

1332

01:10:42,149 --> 01:10:38,560

some kind of beacon homing beacon for

1333

01:10:44,709 --> 01:10:42,159

spaceships this possibility exists

1334

01:10:45,350 --> 01:10:44,719

due to the fact that even with our most

1335

01:10:47,669 --> 01:10:45,360

powerful

1336

01:10:49,910 --> 01:10:47,679

radio telescopes we have been unable to

1337

01:10:51,430 --> 01:10:49,920

detect any kind of communications going

1338

01:10:53,750 --> 01:10:51,440

on in outer space

1339

01:10:54,550 --> 01:10:53,760

and yet ufo sightings indicate that

1340

01:10:57,270 --> 01:10:54,560

there is

1341

01:10:57,990 --> 01:10:57,280

activity in outer space therefore the

1342

01:11:00,229 --> 01:10:58,000

ufos

1343

01:11:01,189 --> 01:11:00,239

must be using another form of energy to

1344

01:11:03,350 --> 01:11:01,199

communicate

1345

01:11:05,350 --> 01:11:03,360

by and it's very possible that the

1346

01:11:06,310 --> 01:11:05,360

energy phenomena associated with the

1347

01:11:10,830 --> 01:11:06,320

pyramid

1348

01:11:12,310 --> 01:11:10,840

is the energy used for communications by

1349

01:11:15,590 --> 01:11:12,320

ufos

1350

01:11:18,630 --> 01:11:15,600

it's very possible that pyramid energy

1351  
01:11:20,630 --> 01:11:18,640  
could be used to preserve tissues over

1352  
01:11:23,669 --> 01:11:20,640  
extended period of time

1353  
01:11:26,790 --> 01:11:23,679  
such as on long space travel

1354  
01:11:28,470 --> 01:11:26,800  
or for preserving tissues for cloning

1355  
01:11:31,669 --> 01:11:28,480  
purposes

1356  
01:11:34,950 --> 01:11:31,679  
for future cell regeneration

1357  
01:11:37,030 --> 01:11:34,960  
the pyramids phenomenal ability or the

1358  
01:11:40,790 --> 01:11:37,040  
pyramid energy

1359  
01:11:43,590 --> 01:11:40,800  
ability to mummify food

1360  
01:11:44,470 --> 01:11:43,600  
so completely with no destruction of the

1361  
01:11:46,630 --> 01:11:44,480  
tissue

1362  
01:11:47,830 --> 01:11:46,640  
indicates that it would be a very

1363  
01:11:51,510 --> 01:11:47,840

valuable natural

1364

01:11:54,149 --> 01:11:51,520

source of preservative energy

1365

01:11:56,630 --> 01:11:54,159

for cloning purposes or for for

1366

01:12:03,110 --> 01:11:56,640

preserving anything any cell structures

1367

01:12:07,910 --> 01:12:05,430

and so for thousands of years the

1368

01:12:09,830 --> 01:12:07,920

mummified body tissues of the pharaohs

1369

01:12:12,310 --> 01:12:09,840

rested near the pyramids

1370

01:12:14,229 --> 01:12:12,320

along with an exact record of every day

1371

01:12:20,070 --> 01:12:14,239

spat on earth

1372

01:12:24,870 --> 01:12:22,310

had egyptian priests been told that

1373

01:12:26,950 --> 01:12:24,880

reincarnation of a body was possible if

1374

01:12:29,030 --> 01:12:26,960

its cells were preserved

1375

01:12:31,590 --> 01:12:29,040

the diary would then serve as a coded

1376

01:12:33,750 --> 01:12:31,600

memory for a new body

1377

01:12:35,350 --> 01:12:33,760

immortality would then depend on the

1378

01:12:37,590 --> 01:12:35,360

pyramid shape

1379

01:12:38,660 --> 01:12:37,600

a form whose beginnings are seen at

1380

01:12:42,709 --> 01:12:38,670

earth base one

1381

01:12:46,149 --> 01:12:42,719

[Music]

1382

01:12:47,910 --> 01:12:46,159

at tijuana earth base 1 amount of

1383

01:12:49,350 --> 01:12:47,920

dirt covers the foundation of an

1384

01:12:52,470 --> 01:12:49,360

enormous pyramid

1385

01:12:54,310 --> 01:12:52,480

more than fifteen thousand years old

1386

01:13:01,189 --> 01:12:54,320

at virtually every site of ancient

1387

01:13:06,550 --> 01:13:04,550

in a mayan stronghold

1388

01:13:08,229 --> 01:13:06,560

there stands another perfectly aligned

1389

01:13:10,310 --> 01:13:08,239

pyramid

1390

01:13:14,070 --> 01:13:10,320

more than a storehouse of mathematical

1391

01:13:16,149 --> 01:13:14,080

data it concentrates biocosmic energy

1392

01:13:19,430 --> 01:13:16,159

a force that the mayans may have used to

1393

01:13:21,669 --> 01:13:19,440

create infinite life

1394

01:13:29,270 --> 01:13:21,679

today's science is just beginning to

1395

01:13:33,669 --> 01:13:31,430

the hope of immortality is contained in

1396

01:13:35,189 --> 01:13:33,679

a genetic message stored in the nucleus

1397

01:13:38,310 --> 01:13:35,199

of the cell

1398

01:13:40,709 --> 01:13:38,320

when the cell divides that message coded

1399

01:13:42,390 --> 01:13:40,719

in chemical units within the genes

1400

01:13:44,310 --> 01:13:42,400

is transmitted to each of the new

1401

01:13:46,470 --> 01:13:44,320

daughter cells

1402

01:13:47,350 --> 01:13:46,480

so long as that message is stored within

1403

01:13:50,310 --> 01:13:47,360

the cell

1404

01:13:58,229 --> 01:13:50,320

it remains alive and so too does the

1405

01:14:02,709 --> 01:14:00,630

in the life cycle of the axolotl a

1406

01:14:05,830 --> 01:14:02,719

prehistoric seeming creature named for

1407

01:14:07,590 --> 01:14:05,840

the aztec god of death and resurrection

1408

01:14:12,149 --> 01:14:07,600

scientists have found a form of

1409

01:14:17,510 --> 01:14:15,030

at the university of indiana dr janice

1410

01:14:18,870 --> 01:14:17,520

brothers uses the cells of one axolotl

1411

01:14:20,790 --> 01:14:18,880

to create others

1412

01:14:24,149 --> 01:14:20,800

exact duplicates that are in every

1413

01:14:26,550 --> 01:14:24,159

respect identical to the cell donors

1414

01:14:27,990 --> 01:14:26,560

the process is called cloning and it

1415

01:14:29,910 --> 01:14:28,000

makes theoretically possible

1416

01:14:31,990 --> 01:14:29,920

the creation of an army of identical

1417

01:14:33,510 --> 01:14:32,000

creatures with exactly the same

1418

01:14:37,270 --> 01:14:33,520

physical and genetic features and

1419

01:14:41,590 --> 01:14:39,830

eggs are collected from a white axolotl

1420

01:14:42,149 --> 01:14:41,600

if fertilized normally the eggs would

1421

01:14:44,870 --> 01:14:42,159

divide

1422

01:14:45,990 --> 01:14:44,880

into a number of new different axolotls

1423

01:14:50,790 --> 01:14:46,000

sharing is their one

1424

01:14:54,390 --> 01:14:52,709

but these eggs are destined to serve

1425

01:14:56,950 --> 01:14:54,400

only as carriers

1426

01:14:59,350 --> 01:14:56,960

mere biological potty containing no

1427

01:15:02,149 --> 01:14:59,360

genetic message of their own

1428

01:15:04,070 --> 01:15:02,159

the egg nucleus is destroyed it can no

1429

01:15:05,590 --> 01:15:04,080

longer be fertilized and developed in

1430

01:15:07,510 --> 01:15:05,600

the normal manner

1431

01:15:09,430 --> 01:15:07,520

it can no longer provide any genetic

1432

01:15:27,110 --> 01:15:09,440

instructions to the individual that will

1433

01:15:39,990 --> 01:15:29,669

a spotted axolotl embryo becomes the

1434

01:15:44,390 --> 01:15:42,310

carefully the nucleus of a single cell

1435

01:15:48,070 --> 01:15:44,400

that carries the genetic information

1436

01:15:49,990 --> 01:15:48,080

is teased free and pulled into the pipet

1437

01:16:00,149 --> 01:15:50,000

it'll provide all the instructions

1438

01:16:04,149 --> 01:16:02,229

the nucleus is inserted into the

1439

01:16:06,630 --> 01:16:04,159

unfertilized egg

1440

01:16:09,030 --> 01:16:06,640

one by one cells from the same embryo

1441

01:16:11,990 --> 01:16:09,040

can be implanted in host eggs

1442

01:16:13,669 --> 01:16:12,000

the results will be clones a total

1443

01:16:21,390 --> 01:16:13,679

replica of the creature from which the

1444

01:16:27,750 --> 01:16:21,400

cell has been taken

1445

01:16:31,189 --> 01:16:29,669

each of the eggs carries the same

1446

01:16:33,270 --> 01:16:31,199

genetic instructions

1447

01:16:34,229 --> 01:16:33,280

and will develop into carbon copies of

1448

01:16:53,170 --> 01:16:34,239

each other

1449

01:17:16,070 --> 01:17:00,830

[Music]

1450

01:17:18,550 --> 01:17:16,080

the virgin births have brought forth

1451  
01:17:19,830 --> 01:17:18,560  
identical spot by spot copies of a

1452  
01:17:31,030 --> 01:17:19,840  
single parent

1453  
01:17:37,590 --> 01:17:31,040  
a uniform set of clones

1454  
01:17:42,790 --> 01:17:40,550  
full grown each axolotl looms like the

1455  
01:17:45,510 --> 01:17:42,800  
prehistoric monsters that roam the earth

1456  
01:17:47,750 --> 01:17:45,520  
during the age of the dinosaurs

1457  
01:17:48,790 --> 01:17:47,760  
but these creatures are so far removed

1458  
01:17:51,430 --> 01:17:48,800  
from that time

1459  
01:17:52,470 --> 01:17:51,440  
as to be of another world for they are

1460  
01:17:58,980 --> 01:17:52,480  
clones

1461  
01:18:04,280 --> 01:17:58,990  
exact copies of each other

1462  
01:18:14,550 --> 01:18:04,290  
[Music]

1463  
01:18:19,110 --> 01:18:16,870

scientists like dr brothers are opposed

1464

01:18:21,350 --> 01:18:19,120

to cloning human beings

1465

01:18:22,709 --> 01:18:21,360

for cloning creates a rigid mole that

1466

01:18:25,430 --> 01:18:22,719

will stabilize one

1467

01:18:28,709 --> 01:18:25,440

form and that runs counter to the design

1468

01:18:31,430 --> 01:18:28,719

of human creation and evolution

1469

01:18:33,590 --> 01:18:31,440

for only in our genetic variety have we

1470

01:18:35,750 --> 01:18:33,600

gained the traits needed to survive the

1471

01:18:37,750 --> 01:18:35,760

changes in the earthly environment

1472

01:18:40,340 --> 01:18:37,760

and perhaps also those we shall find on

1473

01:18:45,189 --> 01:18:40,350

the alien unknown worlds of space

1474

01:18:50,229 --> 01:18:47,750

the clone is a biological wonder that

1475

01:18:52,310 --> 01:18:50,239

may one day enable us to reproduce exact

1476

01:18:54,870 --> 01:18:52,320

copies of animals and plants

1477

01:19:14,010 --> 01:18:54,880

needed to perform as yet unknown tasks

1478

01:19:19,030 --> 01:19:16,390

[Music]

1479

01:19:21,430 --> 01:19:19,040

the evidence is sometimes dim often

1480

01:19:24,550 --> 01:19:21,440

subject to different interpretations

1481

01:19:26,310 --> 01:19:24,560

but somehow the idea persists the earth

1482

01:19:27,840 --> 01:19:26,320

has been visited before

1483

01:19:31,750 --> 01:19:27,850

and will be again

1484

01:19:41,330 --> 01:19:34,149

the question remains how will we

1485

01:19:46,229 --> 01:19:43,990

[Music]

1486

01:19:47,189 --> 01:19:46,239

at the yerkes primates center in atlanta

1487

01:19:48,870 --> 01:19:47,199

georgia

1488

01:19:53,920 --> 01:19:48,880

experiments are underway at this very

1489

01:20:02,310 --> 01:19:59,430

[Music]

1490

01:20:12,149 --> 01:20:02,320

this is lana she lives in a plastic cage

1491

01:20:21,340 --> 01:20:14,070

lana can tell the computer to provide

1492

01:20:21,350 --> 01:20:24,470

[Applause]

1493

01:20:28,149 --> 01:20:26,950

the symbols are abstract not pictures of

1494

01:20:30,790 --> 01:20:28,159

real objects

1495

01:20:32,629 --> 01:20:30,800

and by using them lana is in reality

1496

01:20:34,550 --> 01:20:32,639

using language as well as any human

1497

01:20:36,470 --> 01:20:34,560

being

1498

01:20:38,149 --> 01:20:36,480

to get beyond the confines of her

1499

01:20:43,230 --> 01:20:38,159

plastic walled world

1500

01:20:54,229 --> 01:20:44,830

[Music]

1501  
01:20:58,830 --> 01:20:56,310  
she orders the computer to display

1502  
01:21:00,790 --> 01:20:58,840  
motion pictures and slides for her own

1503  
01:21:03,430 --> 01:21:00,800  
amusement

1504  
01:21:05,510 --> 01:21:03,440  
but more important lana can use the

1505  
01:21:07,830 --> 01:21:05,520  
computer to talk to the scientists and

1506  
01:21:09,750 --> 01:21:07,840  
technicians at yerkes

1507  
01:21:16,950 --> 01:21:09,760  
one of lana's favorite conversation

1508  
01:21:20,709 --> 01:21:19,189  
tim has a computer panel just outside

1509  
01:21:26,830 --> 01:21:20,719  
lena's room

1510  
01:21:26,840 --> 01:21:38,990  
computer

1511  
01:21:42,310 --> 01:21:40,830  
[Music]

1512  
01:21:44,390 --> 01:21:42,320  
huh

1513  
01:21:46,149 --> 01:21:44,400

the language they share is not chimp

1514

01:21:47,910 --> 01:21:46,159

chirping or english

1515

01:21:50,950 --> 01:21:47,920

but a language's symbol is called

1516

01:21:52,629 --> 01:21:50,960

yurkish it was designed by dr ernst von

1517

01:21:55,750 --> 01:21:52,639

klauserfeldt

1518

01:21:58,950 --> 01:21:55,760

you have a breakdown of it here a

1519

01:22:02,229 --> 01:21:58,960

partial breakdown for all the requests

1520

01:22:05,270 --> 01:22:02,239

that lana can use please

1521

01:22:07,270 --> 01:22:05,280

is a marker that tells

1522

01:22:08,709 --> 01:22:07,280

that what is coming is going to be a

1523

01:22:11,910 --> 01:22:08,719

request

1524

01:22:14,070 --> 01:22:11,920

machine and tim are two active agents

1525

01:22:15,590 --> 01:22:14,080

in the case of a machine there are two

1526

01:22:19,110 --> 01:22:15,600

activities

1527

01:22:22,550 --> 01:22:19,120

giving and making giving

1528

01:22:23,270 --> 01:22:22,560

has a number of objects one of them

1529

01:22:26,709 --> 01:22:23,280

would be

1530

01:22:29,750 --> 01:22:26,719

piece of apple it could also be

1531

01:22:33,189 --> 01:22:29,760

piece of banana

1532

01:22:35,990 --> 01:22:33,199

if the machine is making something

1533

01:22:37,590 --> 01:22:36,000

it can't make a piece of apple it can't

1534

01:22:41,830 --> 01:22:37,600

make a piece of banana

1535

01:22:49,510 --> 01:22:41,840

or an m m it can only make a slide

1536

01:22:54,390 --> 01:22:51,830

lana forms perfect sentences that

1537

01:22:57,430 --> 01:22:54,400

communicate specific ideas

1538

01:22:59,350 --> 01:22:57,440

she has language in common with tim

1539

01:23:01,910 --> 01:22:59,360

the experiment is not as sterile as it

1540

01:23:07,750 --> 01:23:01,920

looks tim and lana have developed a

1541

01:23:18,830 --> 01:23:07,760

close relationship

1542

01:23:18,840 --> 01:23:23,590

yes

1543

01:23:27,750 --> 01:23:25,430

much of tim and lana's friendship is

1544

01:23:34,149 --> 01:23:27,760

based upon proper social behavior

1545

01:23:46,830 --> 01:23:34,159

proper that is in chimpanzee society

1546

01:23:46,840 --> 01:23:58,680

yes

1547

01:23:58,690 --> 01:24:07,910

[Music]

1548

01:24:07,920 --> 01:24:11,270

will lana groom tim

1549

01:24:11,280 --> 01:24:27,990

of course

1550

01:24:32,870 --> 01:24:30,629

it's not yet planet of the apes but lana

1551  
01:24:34,870 --> 01:24:32,880  
has demonstrated the ability to utilize

1552  
01:24:37,350 --> 01:24:34,880  
man's most sophisticated tool

1553  
01:24:38,709 --> 01:24:37,360  
the computer and his most important

1554  
01:24:41,350 --> 01:24:38,719  
intellectual attainment

1555  
01:24:42,550 --> 01:24:41,360  
language we can learn a great deal from

1556  
01:24:44,470 --> 01:24:42,560  
this experiment

1557  
01:24:46,629 --> 01:24:44,480  
for anyone reaching the earth from the

1558  
01:24:48,790 --> 01:24:46,639  
deep recesses of space

1559  
01:24:50,550 --> 01:24:48,800  
may occupy about the same position on

1560  
01:24:54,310 --> 01:24:50,560  
the intelligence scale relative to

1561  
01:24:56,229 --> 01:24:54,320  
us as we do in relation to lana

1562  
01:24:58,310 --> 01:24:56,239  
but it also means that we have found at

1563  
01:25:09,990 --> 01:24:58,320

least one means of communicating

1564

01:25:13,189 --> 01:25:12,390

a language of symbols carved thousands

1565

01:25:16,550 --> 01:25:13,199

of years ago

1566

01:25:18,310 --> 01:25:16,560

is still being deciphered we know the

1567

01:25:20,310 --> 01:25:18,320

mayans left a calendar

1568

01:25:21,669 --> 01:25:20,320

one that stretches back more than 90

1569

01:25:23,669 --> 01:25:21,679

million years

1570

01:25:24,870 --> 01:25:23,679

long before a civilized man roamed the

1571

01:25:26,870 --> 01:25:24,880

earth and

1572

01:25:34,140 --> 01:25:26,880

forward in time to a day that will mark

1573

01:25:38,390 --> 01:25:36,149

[Music]

1574

01:25:40,870 --> 01:25:38,400

an inscription tells us that the modern

1575

01:25:44,950 --> 01:25:40,880

period will end december 24th

1576

01:25:47,350 --> 01:25:44,960

2011 a d we may presume that they were

1577

01:25:54,070 --> 01:25:47,360

computing the length of a space voyage

1578

01:25:56,229 --> 01:25:54,080

and marking the exact date of return

1579

01:25:58,310 --> 01:25:56,239

may return to seek the fate of the

1580

01:25:59,990 --> 01:25:58,320

colony left on earth

1581

01:26:01,590 --> 01:26:00,000

perhaps at ishmael they will find

1582

01:26:04,229 --> 01:26:01,600

answers we have never been able to

1583

01:26:07,750 --> 01:26:06,229

this was one of the last bastions of

1584

01:26:10,470 --> 01:26:07,760

mayan society

1585

01:26:12,390 --> 01:26:10,480

and here a carving is found unlike any

1586

01:26:15,910 --> 01:26:12,400

other in mayan lore

1587

01:26:18,070 --> 01:26:15,920

clearly a skull and crossed bones

1588

01:26:19,110 --> 01:26:18,080

according to legend it is the death

1589

01:26:21,189 --> 01:26:19,120

house

1590

01:26:23,110 --> 01:26:21,199

and nearby is another structure marked

1591

01:26:29,110 --> 01:26:23,120

by a procession of turtles

1592

01:26:32,629 --> 01:26:31,430

did the final experiments at cloning

1593

01:26:38,790 --> 01:26:32,639

take place here

1594

01:26:45,910 --> 01:26:42,390

december 24th christmas eve 2011

1595

01:26:48,870 --> 01:26:45,920

and on that day they may return to seek

1596

01:26:50,629 --> 01:26:48,880

the fate of the colony left on earth

1597

01:26:53,430 --> 01:26:50,639

perhaps they will settle in the jungle

1598

01:26:55,590 --> 01:26:53,440

of wish mal where according to legend

1599

01:26:58,310 --> 01:26:55,600

mayan priests talk to their god through

1600

01:27:00,229 --> 01:26:58,320

a black shiny glass-like rock

1601  
01:27:01,750 --> 01:27:00,239  
an ancient description of a television

1602  
01:27:03,750 --> 01:27:01,760  
receiver

1603  
01:27:05,189 --> 01:27:03,760  
we know now how they transported the

1604  
01:27:07,830 --> 01:27:05,199  
colony to earth

1605  
01:27:09,350 --> 01:27:07,840  
and what they might have left behind we

1606  
01:27:30,830 --> 01:27:09,360  
have only to learn

1607  
01:27:30,840 --> 01:27:34,670  
um

1608  
01:27:34,680 --> 01:27:44,830  
[Music]

1609  
01:27:44,840 --> 01:27:52,960  
uh

1610  
01:28:12,830 --> 01:28:00,800  
[Applause]

1611  
01:28:12,840 --> 01:28:17,510  
hey

1612  
01:28:17,520 --> 01:28:35,990  
this is

1613  
01:28:36,000 --> 01:28:40,830

[Applause]