

N=20 9-12-2015 SLP HATCHLINGS

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Hexadecimal: 3D6.000B5B8CCB

Decimal: 982.000190549396
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982.000363936669
3D6.0015B13B9D

Decimal: 982.000190550185
Hexadecimal: 3D6.000B5B90A9

Decimal: 982.000190550185
Hexadecimal: 3D6.000B5B9401D

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Hexadecimal: 3D6.000A004C93

Decimal: 982.000190213886
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3D6.0015B138FC

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Hexadecimal: 3D6.000B5E3DD9

Decimal: 982.000190694286
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Decimal: 982.000190723584
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Decimal: 982.000167816231
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3D6.0015B1313A

Decimal: 982.000167798426
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Decimal: 982.000167822575
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Hexadecimal: 3D6.000B5E2B3F

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3D6.0015B13A6D

Decimal: 982.000190720719
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3D6.0015B1558B

7/29/15 N=9

Decimal: 982.000190214909
Hexadecimal: 3D6.000B5672FD

SLP CM
KAUPO
BEACH
RELEASE

Decimal: 982.000190726098
Hexadecimal: 3D6.000B5E3FD2

Pacific Islands Fisheries
Science Center
NOAA IRC
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Honolulu, HI 96818

7/5/15 SLP HATCHINGS LHF

N=18

KIAWA

ALL KAUPU BEACH RELEASE

7-6-15 N=4

SLP HATCHINGS

KIAWA



4C49740806



4C49787A6D



4C4A732338



4C4946151B



4C493B3240

4C49762862



4C4B0B2D79



4C497E0E18



4C49460565



4C4B1D1A0E



4C4A76392C



4C497D183B



4C4A046D4C

4C497C614E



4C4A3C0B34



4C497C2852



4C4A033C17



4C4A641807

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4C4A745759



4C4A481A7F



4C4A58785D



4C4A387760

BALTIMORE PIT POSTER - 866 (TOTAL 2010, 2011 & 2012)

2013 = 562

2014 = 320 + ^{THIS BOOK} 70 = 390
_{FOUND IN 2015 BY JEFF}

2010, 2011, 2012, 2013 & 2014 = 1818
+ 2015 = 1996 TO DATE

2015 = 20 + 9 + 18 + 4 + 2 + 35 + 9 + 35 + 2 + 9 + 2 + 9 + 4 + 20 = 178

N = 2 10 + 27 - 2015

Decimal: 982.000190726231
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Decimal: 982.000190726105
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MAILED TO PD 12/14/15

Decimal: 982.000364345210
Hexadecimal: 3D6.0015B7777A

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Hexadecimal: 3D6.0015B686C3

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Hexadecimal: 3D6.0015B6A3F2

Decimal: 982.000364268218
Hexadecimal: 3D6.0015B64ABA

Decimal: 982.000364289738
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Hexadecimal: 3D6.0015B69749

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Decimal: 982.000364283102
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Decimal: 982.000364285672
Hexadecimal: 3D6.0015B68EE8

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Hexadecimal: 3D6.0015B77919

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Decimal: 982.000364283528
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21-01-5
AUG 2015

N-35
PNA
7-16-15

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KAUPO
BEACH
RELEASE

Biomark
BI012.C.03V1 PLS
1-208-275-0011

7-18-15
DNA N=2

Decimal: 982.000363932714

Hexadecimal: 3D6.0015B12C2A

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7-21-15
N=2 DNA

KAUPO
BEACH
Release

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Hexadecimal: 3D6.0015B1340A

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Hexadecimal: 3D6.0015B13006

Decimal: 982.000363943441

Hexadecimal: 3D6.0015B15611

Decimal: 982.000363936669

Hexadecimal: 3D6.0015B13B9D

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N=9 7-29-15

Plague likely 3,000 years older than first believed

By Maria Cheng
Associated Press

10/23/15
HSA

LONDON >> The plague was spreading nearly 3,000 years before previously thought, scientists say after finding traces of the disease in the teeth of ancient people — a discovery that could provide clues to how dangerous diseases evolve.

To find evidence of the prehistoric infection, researchers drilled into the teeth of 101 individuals who lived in Central Asia and Europe some 2,800 to 5,000 years ago. The drilling produced a powder that the researchers examined for DNA from plague bacteria. They found it in samples from seven people.

Before the study, the earliest evidence of the plague was from A.D. 540, said Simon Rasmussen of the Technical University of Denmark. He and colleagues found it as early as 2,800 B.C.

"We were very surprised to find it 3,000 years before it was supposed to exist," said Rasmussen, one of the study authors. The research was published online Thursday in the journal Cell.

Rasmussen said the plague they found was a different strain from the one that caused the three known pandemics, including the Black Death that swept across Medieval Europe. In contrast to later strains, including the one estimated to have wiped out about half of Europe, the Bronze Age plague revealed by the new study could not be spread by fleas because it lacked a crucial gene. So it was probably less able to infect people over wide regions.

But Rasmussen said knowing that plague existed thousands of years earlier than had been believed might explain some unsolved historical mysteries, including the "Plague of Athens," an epidemic that struck the Greek capital in 430 B.C. It killed up to 100,000 people during the Peloponnesian War.

"People have been speculating about what this was like was this measles or typhus, but it could well have been plague," Rasmussen said.

He said tracking how the plague evolved from being an intestinal infection to "one of the most deadly diseases ever encountered by humans" could help scientists predict the disease's future path.

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7/7/15 N=2

ALL KAPO
BEACH
RELEASE

N=20 7/30/15
DNA



4C4A3E115F



4C4A365266

7/10/15 N=9

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Biomark

BIO12.C.03V1 PLS
1-208-275-0011

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DNA
N=4 8/5/15

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