

THE BLACK DEATH - BUBONIC AND PNEUMONIC PLAGUE

- A. HISTORY OF THE PLAGUE
 - 1. JUSTINIAN'S PLAGUE - 542 AD - FIRST PANDEMIC
 - a. ROMAN EMPIRE AT BYZANTIUM
 - b. JUSTIN TRIED TO CONSOLIDATE EMPIRE & RECAPTURE WESTERN PARTS OF EMPIRE
 - c. PLAGUE FROM CHINA TO ASIA MINOR TO EUROPE
 - d. 300k DIED IN CONSTANTINOPLE
 - e. RECORDED BY PROCOPIUS, A GREEK HISTORIAN
 - 2. THE BLACK DEATH OF THE 14TH CENTURY - 2ND PANDEMIC
 - a. BUBONIC AND PNEUMONIC PLAGUE
 - b. ENDEMIC IN CENTRAL CHINA
PASSED ALONG TRADE ROUTES (1320) TO THE
BLACK SEA (CITY OF CAFFA) BY 1345
 - c. INVADED NORTH AFRICA (ALEXANDRIA & CAIRO)
 - d. SICILY AND ITALY IN 1347
 - e. ENGLAND & GERMANY BY 1349
 - f. THE FLAGELLANTS & JEWISH PERSECUTIONS
 - g. RETURNED MANY TIMES TO EUROPE
1361-62 "PESTIS SECUNDA"
1478-80
 - 3. THE GREAT PLAGUE OF LONDON - 1664
 - a. 70,000 DEATHS IN LONDON IN ONE YEAR
 - b. DOCUMENTED IN SAMUEL PEPYS' DIARY
 - 4. THE BOMBAY PLAGUE (3RD GREAT PANDEMIC) - 1894
 - a. ASIA (OUT OF YUNNAN CHINA)
 - b. SPREAD TO AUSTRALIA, EUROPE & AMERICA
 - c. BECAME ENDEMIC IN SW USA
- B. THE DISEASE
 - 1. TRANSMISSION
RESERVOIRS
INSECTS
DISTRIBUTION
 - 2. INCUBATION
 - 3. SYMPTOMS
 - 4. TREATMENT
 - 5. PREVENTION
 - 6. INCIDENCE
- C. THE AGENT - YERSENIA PESTIS
 - 1. A γ -PROTEOBACTERIUM
 - 2. BIPOLAR GRAM NEGATIVE ROD