Les animaux et la conquête spatiale

17 avril 2013



Le site <u>space.com</u> a publié une infographie consacrée à la place importante des animaux dans la conquête spatiale.



The History of Animals in Space

Since the 18th century, animals have been used for tests aboard balloons and aircraft. In 1783, a sheep, duck and rooster were sent up in the newly invented hot-air balloon (right). The balloon flew for 2 miles (3.2 kilometers) and landed safely.



The first animals in outer space were **fruit flies** launched in a captured Nazi V-2 rocket on Feb. 20, 1947. The flies reached an altitude of 68 miles (108 km) and were recovered alive by parachute.







Albert II became the first **monkey** in space on June 4, 1949. He reached an altitude of 83 miles (134 km), but died on impact when the para-chute failed. A previous monkey, Albert 1, died when the V2 rocket failed before reaching peak altitude. Two other monkeys, Albert III and IV, also died when their rockets failed.









A total of 32 monkeys have flown in space, including (from left): rhesus mace monkeys, squirrel monkeys and pig-tailed monkeys. Chimpanzees h





passengers were the dogs **Belka and Strelka**, plus a gray rabbit, 42 mice, two rats and fruit flies.



On Jan. 31, 1961, Ham
the Chimpanzee flew
a Mercury capsule on a
sub-orbital trajectory,
three months before
Alan Shepard's flight.
Enos became the first
chimp to orbit a Mercury
spacecraft on Nov. 29,
1961. Both chimps
survived their flights.



























The Bion series resumes in 2013 with **Bion-M1** (mission logo, left). Rodents on the spacecraft will spend a month experiencing space flight conditions.

1970

