

PHLEBOTOMUS

Morphology, bionomics, life cycle, vector potentiality, pathogenesis & control.



Dr.R.K.Sharma, BVC,Patna

PHLEBOTOMUS

Common name : Sand flies, Owl midge

Host : All domesticated animals, reptiles, birds and man .

Species : *Phlebotomus argentepes* , *phlebotomus papatasi* .

Morphology :

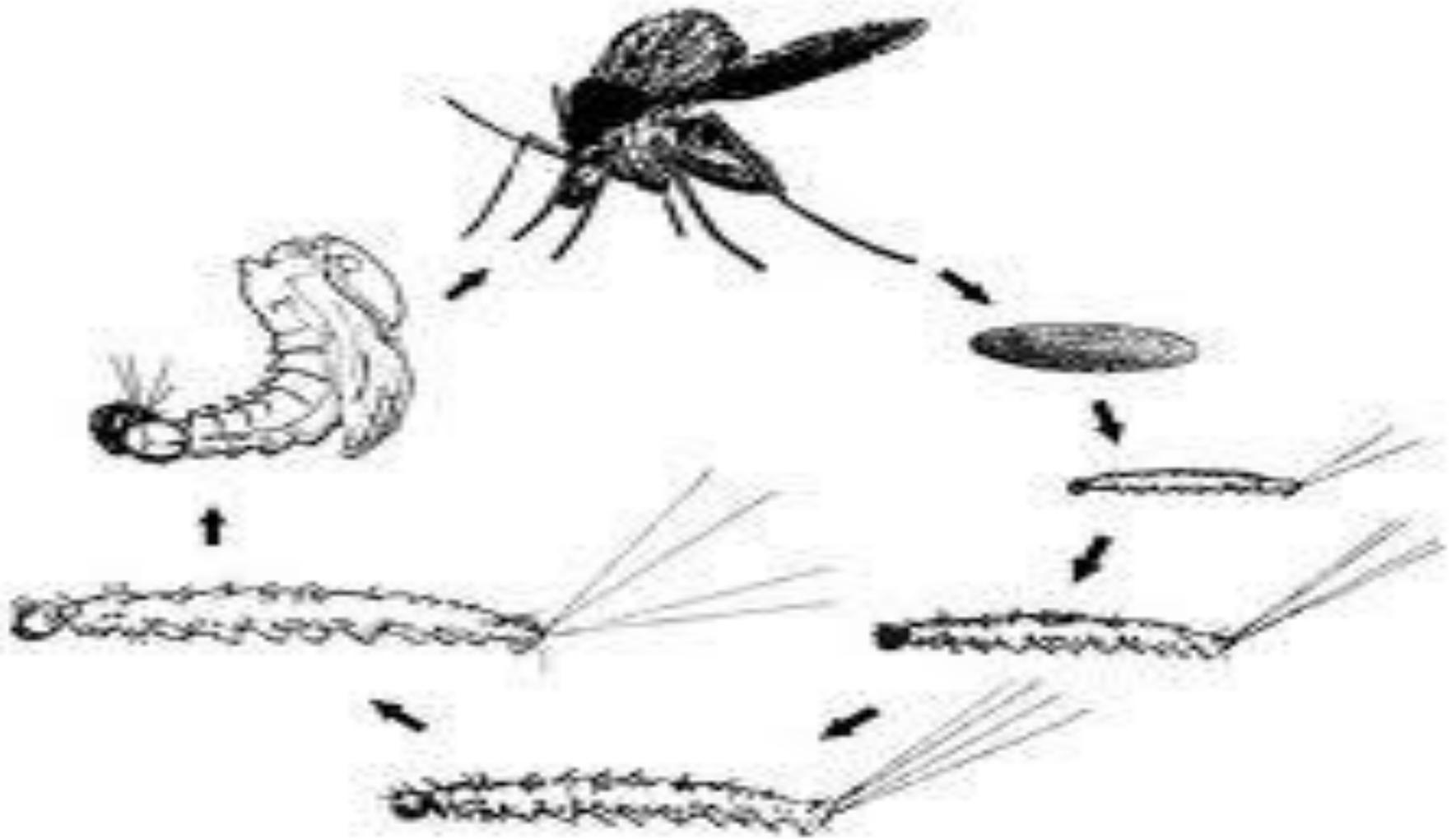
- These are brownish moth like small sized flies .
- The piercing proboscis is short thorax is humped over the head
- The whole body and wings are hairy .
- The mouth parts contains several knife like stylets .
- The antennae is 16 segmented.



PHLEBOTOMINE OR SAND FLY



PHLEBOTOMINE OR SAND FLY



LIFE CYCLE OF PHLEBOTOMINE FLY



KALAZAR OR VISCERAL LEISHMANIASIS

DR. RKSHARMA.

SOURCE-GOOGLE



JERICO BOIL / KALAZAR OR BLACK FEVER

DR R.K.SHARMA

SOURCE-GOOGLE



CUTANEOUS LEISHMANIASIS



www.medicinenet.com/sand-fly-fever/article.htm
www.medicinenet.com/sand-fly-fever/article.htm
www.medicinenet.com/sand-fly-fever/article.htm

SAND FLY FEVER / CARRION'S DISEASE

DR. R.K.SHARMA.

SOURCE - GOOGLE