

Trematodes

adults generally

flat, unsegmented and covered with a cuticle

leaf like(except for schistosoma female)

ranging from few mm to 8 cm

muscular suckers(organs of fixation)

oral sucker around the mouth opening

ventral sucker

a genital might be present in the genital opening

hemophrodites (except for schistosoma)

life cycle

human faeces containg eggs

free swimming miracidium hatches from the egg and infect an intermediate host mostly snails

miracidium reproduce asexually in the host producing cercaria

cercaria is realeased from the host and infect the humans in schistosoma or the 2nd intermediate host in other fluke worms

cercaria encysts in 2nd intermediate host producing metacercaria

metacercaria infects and excyst in the humans after release from 2nd hosts like carbs,fish or water plants

eggs

mostly large sized

except for heterophs

ovoid

operculum

except for schistosoma

content: ovum, vitteline cells or miracidium

