

Table 82.1 -- Comparison of principal features of *Schistosoma* spp. infecting humans

	<i>S. japonicum</i>	<i>S. mekongi</i> ^[a]	<i>S. monsoni</i>	<i>S. haematobium</i>	<i>S. intercalatum</i>
ADULT WORMS					
Location of adult in host	Mesenteric veins	Mesenteric veins	Mesenteric veins	Vesical plexus	Mesenteric veins
Length of posterior gut caecum	Medium	Medium	Very long	Short	Short
MALE					
Length (mm)	10-20	115	6-13	10-15	11-14
Width (mm)	0.55	0.41	1.10	0.90	0.3-0.4
No. of testes	6-7	6-7	4-13 (6-9) ^[b]	4-5	2-7 (4-5) ^[b]
Tubercles	Absent	Absent?	Coarse	Fine	Fine
FEMALE					
Length (mm)	20-30	112	10-20	16-26	10-14
Width (mm)	0.30	0.23	0.16	0.25	0.15-0.18
Ovary: position in body	Middle	Rear half	Front third	Rear third	Rear half
Uterus: position in body	Front half	Front half	Front half	Front two-thirds	Front two-thirds
Length	Short	Short	Very short	Long	Long
No. of eggs	50-200	10+	1-2	10-50	5-60
MATURE EGG					
Shape	Round	Round	Ovoid	Ovoid	Ovoid
Size (µm)	6 × 100	57 × 66	61 × 140	62 × 150	61 × 176
Spine	Lateral (reduced)	Lateral (reduced)	Lateral (prominent)	Terminal (prominent)	Terminal (prominent)
Normally passed in	Faeces	Faeces	Faeces	Urine	Faeces (and urine)
Eggs/female per day	3500	?	100-300	20-300	150-400
Reaction of egg shell to Ziehl-Neelsen stain ^[c]	+ve	?	+ve	-ve	+ve
INTERMEDIATE HOST SNAIL	<i>Oncomelania</i>	<i>Tricula</i>	<i>Biomphalaria</i>	<i>Bulinus</i>	<i>Bulinus</i>

(Courtesy of R. F. Sturrock, Department of Medical Parasitology, London School of Hygiene and Tropical Medicine. Reproduced with permission from Jordan P. Webbe G., Sturrock, eds. *Human Schistosomiasis*. Wallingford: CAB International; 1993.)

^a From experimental animal infections.

^b Usual range.

^c In histological sections.