

## Giant Manta Ray (Manta birostris)

Table 1: Life history parameters for *Manta birostris* 

Age at maturity (years)	female:	Unknown
	male:	Unknown
Size at maturity (total length cm)	female:	Approx. 410-430 cm DW
	male:	Between 375 and 400 cm DW
Longevity (years)		Over 25 years
Maximum size (total length cm)		710 cm DW
Size at birth (cm)		Approx. 150 cm DW
Average reproductive age (years)*		Estimated to be 24-25 years
Gestation time (months)		Unknown
Reproductive periodicity		Unknown
Average annual fecundity or litter size		1 pup
Annual rate of population increase		Unknown
Natural mortality		Unconfirmed, but assumed to be low

<sup>\*</sup> This is the generation period required when using the IUCN decline criterion