MO (Moderate)Dorosoma petenense

Date assessed	2023-09-26
Year published	2023
Eicat category	MO (Moderate)
Justification for EICAT assessment	The presence of gizzard shad or threadfin shad was associated with decreased total number and biomass of young-of-year white crappies, a shift in white crappie size distributions toward larger individuals, and increased mean weight of white crappies in some size-classes (Guest et al. 1990).
Confidence rating	Low
Mechanism(s) of maximum impact	Competition
Countries of most severe impact	U.S.A.
Description of impact	The Threadfin Shad is a planktivore and impacts other species that rely on planktonic food sources. Its diet overlaps with several native species, like the Delta Smelt whose population is on the decline. The Shad also affects recruitment of other sport fishes, as seen in the White Crappie, and possibly other species soon.
Assessor	Amy Henry
Contributors	Cascade Sorte
Reviewers	EICAT authority
Recommended citation	Amy Henry. (2026). *Dorosoma petenense* . IUCN Environmental Impact Classification for Alien Taxa (EICAT).

