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Supplementary Material 1. Characteristics of the scientific literature included in the integrative systematic and bibliometric review on acoustic and behavioral responses of the American manatee (*Trichechus manatus*) to anthropogenic disturbances (2000 – 2025). The studies listed here were identified through literature searches conducted in Google Scholar and Web of Science, as described in the Methods.

Number	Category	Author(s)	Paper tittle	Publication year	Species
1	behavior boats	Borges et al.	Embarcações motorizadas: uma ameaça aos peixes-boi marinhos (*Trichechus manatus*) no Brasil	2007	*T. m. manatus*
2		Brady et al.	Manatees display diel trends in acoustic activity at two microhabitats in Belize	2023	*T. m. manatus*
3		Burke	An analysis of boat noise and its influence on the feeding ecology of the Florida manatee (*Trichechus manatus latirostris*)	2019	*T. m. latirostris*
4		Campos et al.	Behaviour and occurrence of the Antillean manatee (*Trichechus manatus manatus*) in relation to habitat characteristics and the influence of human activities in a protected area in north-eastern Brazil	2023	*T. m. manatus*
5		Dombroski	Manatees and noise: Individual exposure and behavioral responses to disturbance	2023	*T. m. latirostris*
6		Gibbs, M. et al.	Disturbance of the Florida manatee by an invasive catfish	2010	*T. m. latirostris*
7		Harms-Tuohy & Tuohy	Unusual aggressive behavior encountered by divers from Antillean manatees (*Trichechus manatus manatus*) in Puerto Rico	2016	*T. m. manatus*
8		King & Heinen	An assessment of the behaviors of overwintering manatees as influenced by interactions with tourists at two sites in central Florida	2003	*T. m. latirostris*
9		Landeo-Yauri, et al.	Behavioural and physiological responses of captive Antillean manatees to small aerial drones	2021	*T. m. manatus*
10		Miksis-Olds et al.	Simulated vessel approaches elicit differential responses from manatees	2007	*T. m .latirostris*

11		Miksis-Olds & Tyack	Manatee (*Trichechus manatus*) vocalization usage in relation to environmental noise levels	2009	*T. m .latirostris*
12		Miksis-Olds & Wagner	Behavioral response of manatees to variations in environmental sound levels	2011	*T. m. latirostris*
13		Nowacek et al.	Florida manatees, *Trichechus manatus latirostris*, respond to approaching vessels	2004	*T. m. latirostris*
14	behavior boats	O'Shea & Poché Jr.	Aspects of underwater sound communication in Florida manatees (*Trichechus manatus latirostris*).	2006	*T. m. latirostris*
15		Ramírez-Jiménez et al.	Habitat use by the Antillean manatee (*Trichechus manatus manatus*) during an extreme dry season in an urban lake in Tabasco, Mexico	2017	*T. m. manatus*
16		Ramos et al.	Bottlenose dolphins and Antillean manatees respond to small multi-rotor unmanned aerial systems	2018	*T. m. manatus*
17		Rycyk	Manatee behavioral response to approaching boats	2013	*T. m. latirostris*
18		Rycyk et al.	Manatee behavioral response to boats	2018	*T. m. latirostris*
19		Umeed et al.	Acoustic interactions between free-living mother–calf Antillean manatees, *Trichechus manatus manatus*	2023	*T. m. manatus*
20	manatee-watching	Alves et al.	Aerial survey of manatees, dolphins and sea turtles of northeastern Brazil: correlations with coastal features and human activities.	2013	*T. m. manatus*
21		Berger	Seasonal habitat use of the Florida manatee (*Trichecus manatus latirostris*) in the Crystal River natural refuge with regards to natural and anthropogenic factors	2007	*T. m. latirostris*
22		Coutinho et al.	Manatee Watching is Widespread and Seasonally Affected in Northeast Brazil: A Case of the Endangered *Trichechus manatus manatus* (Sirenia: Trichechidae)	2023	*T. m. manatus*
23		Heiman	Stereotypic Behavior in the Captive Florida Manatee (*Trichechus manatus latirostris*)	2016	*T. m. latirostris*
24		Raoult et al.	Operational Protocols for the use of drones in marine Animal Research	2020	*Trichechus manatus*
25		Slone et al.	How do ambient conditions and management actions affect manatee movements and habitat use?	2023	*T. m. latirostris*
26	behavioral responses	Viragh	The effects of a New Bridge on manatee (*Trichechus manatus latirostris*) use of the FPL Discharge Canal at Port Everglades, Florida	2012	*T. m. latirostris*

27		Anzolin et al.	Stereotypical behaviour in captive West Indian manatee (*Trichechus manatus*)	2014	*T. m. manatus*
28		Barton	The influence of habitat features on selection and use of a winter refuge by manatees (*Trichechus manatus latirostris*) in Charlotte Harbor, Florida	2006	*T. m. latirostris*
29	behavioral responses	Grissett	The effects of an extended power plant shutdown on the Florida manatee (*Trichechus manatus latirostris*) in Port Everglades, Florida	2014	*T. m. latirostris*
30		Littles et al.	Coastal habitat change and marine megafauna behavior: Florida manatees encountering reduced food provisions in a prominent winter refuge	2019	*T. m. latirostris*
31		Mercadillo-Elguero et al.	Behavioral patterns of a manatee in semi-captivity: implications for its adaptation to the wild	2014	*T. m. manatus*
32		Miksis-Olds	Manatee response to environmental noise	2006	*T. m. latirostris*
33		Miksis-Olds et al.	Noise level correlates with manatee use of foraging habitats	2007	*T. m. latirostris*
34		Nico et al.	Interactions between non-native armored suckermouth catfish (Loricariidae: *Pterygoplichthys*) and native Florida manatee (*Trichechus manatus latirostris*) in artesian springs	2009	*T. m. latirostris*
35		Parks et al.	Extended duration acoustic tags provide insight into variation in behavioral response to noise by marine mammals	2020	*T. m. latirostris*
36		Ramos et al.	Antillean manatee calves in captive rehabilitation change vocal behavior in anticipation of feeding	2023	*T. m. manatus*
37		Rycyk et al.	The influence of variations in background noise on Florida manatee (*Trichechus manatus latirostris*) detection of boat noise and vocalizations	2022	*T. m. latirostris*
38		Tellechea et al.	Distribution of manatees and noise near a coastal power plant	2013	*T. m. manatus*
39	anthropogenic factors	Rivera-Chavarría et al.	The relationship between acoustic habitat, hearing and tonal vocalizations in the Antillean manatee (*Trichechus manatus manatus,* Linnaeus, 1758)	2015	*T. m. manatus*
40	("*Trichechus manatus*" OR "*Trichechus manatus manatus*" OR "*Trichechus manatus latirostris*") AND (behavior* OR behavioural OR response* OR reaction* OR change*)	Edwards et al.	Influence of manatees' diving on their risk of collision with watercraft	2016	*T. m. latirostris*