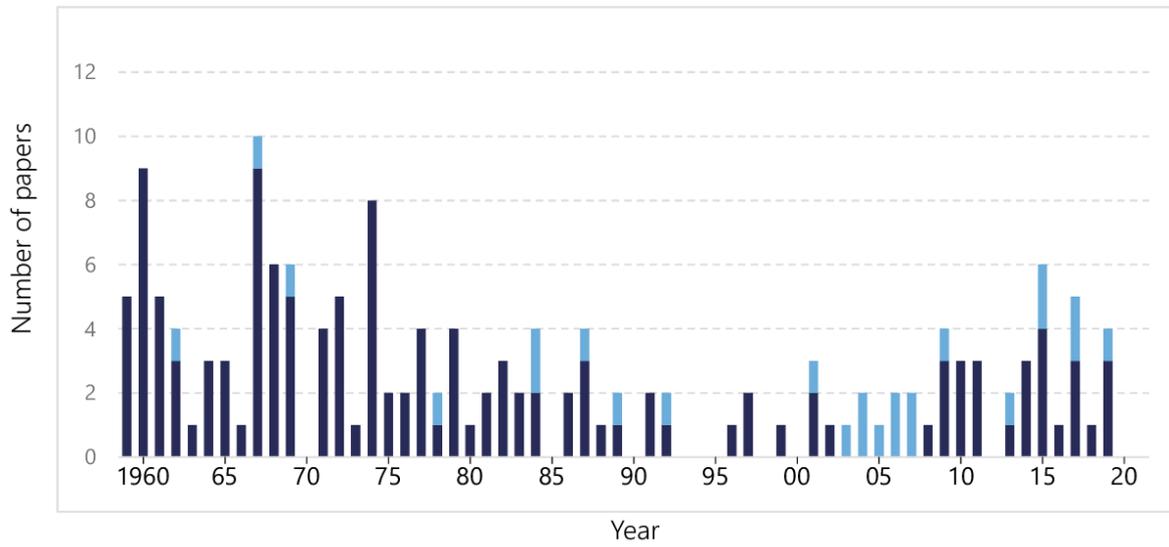
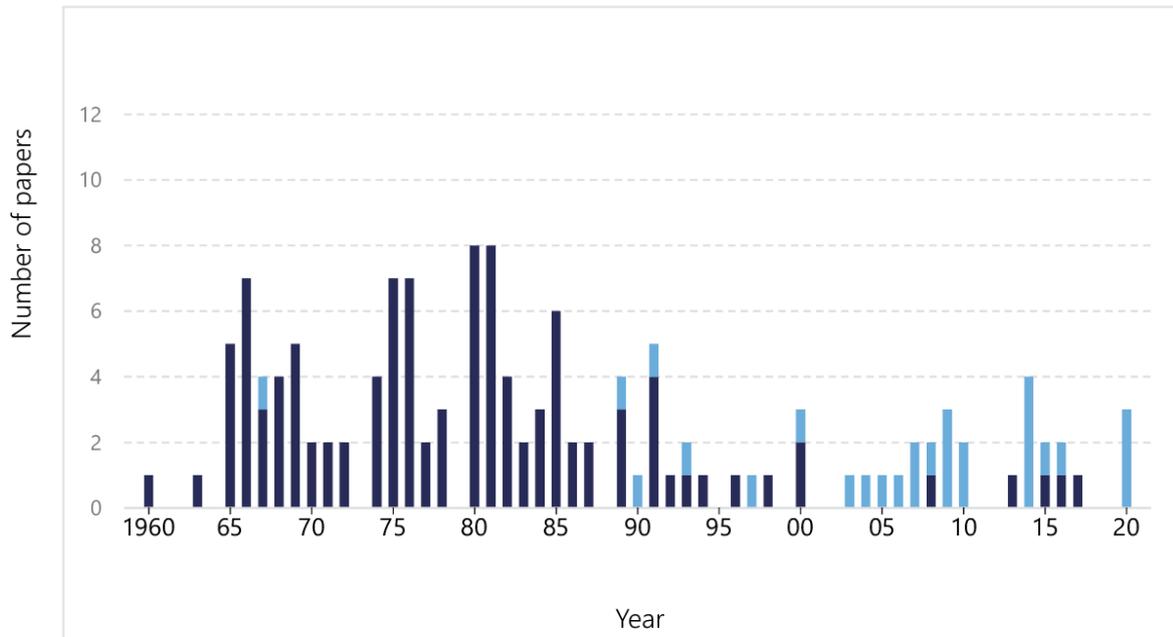


**Figure S1.** The annual trend of two aquariums in the number of papers colored by the affiliation of the first author. Dark blue bars indicate each aquarium's staff as the first author, and light blue indicates outside researcher as one. (a) Biwa Lake Museum; (b) Okinawa Churaumi Aquarium.

(a) Ueno Zoological Garden



(b) Tama Zoological Park



**Figure S2.** The annual trend of two zoos in the number of papers colored by the affiliation of the first author. Dark blue bars indicate each zoo staff as the first author, and light blue indicates outside researcher as one. (a) Ueno Zoological Garden; (b) Tama Zoological Park.