

Study of Behavior of Sika Deer Nearby Railroad Tracks and Effect of Alarm Call

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Deer-train collisions have become a serious problem in Japan. To understand why and how the deers were run over by trains, we observed the deer behavior around tracks from trains. It was revealed that mainly three types of deer behavior (preceding on the track, standing, and crossing) caused the collision. We also investigated a deer response to an alarm call and a train horn. It was revealed that, whatever the deers are domestic or wild, they were on alert when they heard those sounds. Blowing the sound makes deer being on the alert, therefore, that may be a useful method to prevent collision.