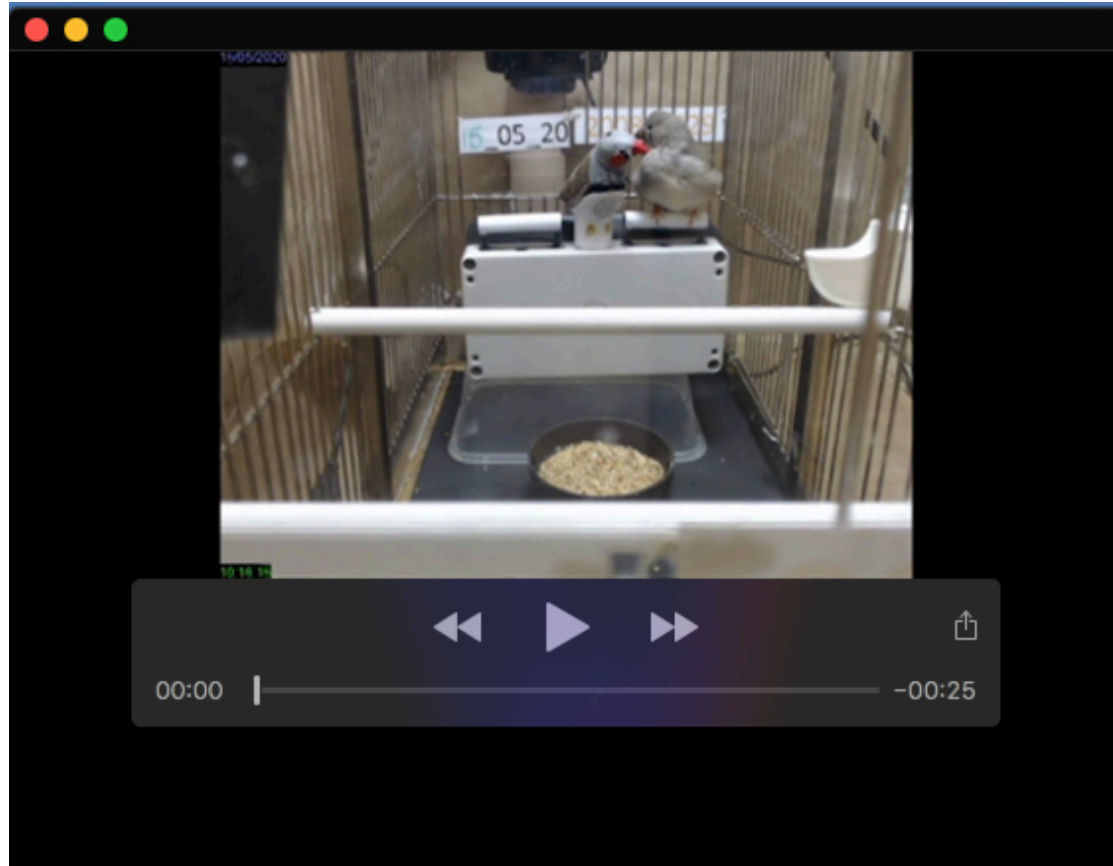


Table S1. Ethogram used for behavioural analysis during exposure of young finches to MANDABOT.

Behaviour	Description
Platform	Moving, lying down or standing on the platform for less than 10 s
Close vicinity	Lying down or standing on the platform for more than 10 s
Clumping	Bodily contact between the pupil and the robot, flank to flank (Sparks, 1964) for more than 10 s
Preening	The pupil turns his head to groom his feathers, his beak is hidden then put back his head in a neutral position
Sleeping	Pupil's eyes are closed and his head is under his wing
Pecking on the:	
Beak	Robot's beak
Head	Robot's head
Body	Robot's neck, flanks and legs
Tail	Robot's tail
Substrate	Platform, perches and cage bars
Pupil's reactions to the robot' song:	
Stays still	Pupil stays still
Stands up	Pupil stands up
Moves	Pupil moves on the platform
Flies away and orientated	Pupil leaves the platform and orients his body and his head in the direction of the robot
Flies away	Pupil leaves the platform and does not orient himself in in the direction of the robot



Movie 1. Behaviour of pupils towards the zebra finch robot.