A rodent trap contains a hollow container with an open inlet and a cut in the bottom from the side of the rear wall, whereon a cross-beam, which is rotary around the horizontal axis, is placed, the one end of which lies on the bottom from the side of the inlet. At the end of the cross-beam from the side of the entry a weight is placed and the weight centre of the cross-beam is shifted from rotation axis thereof to the rear wall, which is made in such a manner as to allow turning outside and has a bait inside.