

## SUMMARY

### **Is it the solitary bee *Anthophora plagiata* (Illiger, 1806) endangered species in Poland?**

Over the last 30 years, the population of *Anthophora plagiata* in Wielkopolska rapidly declined. In the 1970s, large numbers of bees of this species colonized clay walls there. However, 80% of old clay buildings, which could be nesting sites of this solitary bee, have been destroyed or plastered to date. This seems to be the main cause of the decline of the species, due to the physical destruction of its nesting sites and the increased degree of isolation of the colonized and potential sites. Its decline is important not only for conservational reasons but also because this bee – like bumblebees – is an efficient pollinator of red clover and other legumes.