

SYNANTHROPIC COCKROACHES (BLATTODEA) IN WESTERN SIBERIA

LUKYANTSEV, S.V.

Tomsk State University, Russia

German cockroach *Blattella germanica* (L.) is in Western Siberia distributed everywhere. In old towns with numerous buildings of late XIX - early XX century limited distribution has Oriental cockroach *Blatta orientalis* (L.). In past several years it is discovered some expansion of the species: numbers of infected buildings increased. In 1970s *Blatta orientalis* infects number of buildings constructed not later than beginning of XX century. In 1980s *Blatta orientalis* detected in buildings constructed before 1940. In late 1980s *Blatta orientalis* begin develop buildings of 1960s. In last 2-3 years *Blatta orientalis* appeared in 15 years old buildings. *Blatta orientalis* mostly settles basement and ground floors. Almost always the same buildings were occupied by *Blattella germanica*.

Besides these species there are isolated constant populations of American cockroach *Periplaneta americana* (L.). But this species didn't settle dwelling houses. In a single locality was revealed continuous infection of populated houses by Middle-Asiatic cockroach *Shelfordella tartara* Sauss. Probably this species is distributed more widely, but because of external similarity of larvae and females, it is mistaken for Oriental cockroach.

Just in single populated locality we repeatedly observed delivery of *Supella longipalpa* (F.). Data on continuous infected buildings by brownbanded cockroach on territory of Western Siberia absents till now, perhaps in the nearest years this species will instill on the territory of Western Siberia.

In summer period there is sporadic delivery with vegetables and fruits from Middle Asia *Polyphaga* sp. larvae. Some species of the genus in natural area of distribution are peridomestic, but formation of continuous settlements in buildings of any type on territory of Western Siberia is scarcely probable.

Thus, in present time in populated localities of Western Siberia we recorded 4 constantly living species of synanthropic cockroaches (*Blattella germanica*, *Blatta orientalis*, *Periplaneta americana*, *Shelfordella tartara*) and there is considerable probability of enlarging of the list by *Supella longipalpa*.