## Accepted Manuscript

Title: Preliminary study on the biology, natural enemies and chemical control of the invasive *Macrohomotoma gladiata* (Kuwayama) on urban *Ficus microcarpa* L. trees in Valencia (SE Spain)

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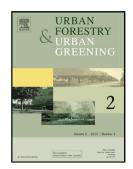
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#### **Highlights**

- 1. Phenology and natural enemies of *Macrohomotoma gladiata* in Valencia (Spain) were studied during a period of high insect activity in 2013.
- 2. Two increases in the proportion of the first two nymphal instars of the psyllid were detected in early March and June. Abundance of pest population increased in February-April and lowered from May onward.
- 2. Prionomitus mitratus and Anthocoris nemoralis were the most abundant natural enemies, being reported *P. mitratus* for the first time as a parasitoid of *M. gladiata*.
- 3. Two pesticides, a paraffin and a botanical oil were tested. The botanical oil resulted more effective than paraffin oil.
- 4. A number of other pest species were collected on the sampled trees: *Gynaikothrips ficorum, Pseudococcus longispinus* and *Greenidea ficicola*

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