

**Figure S1. Relationship between different categories of nest population for the 152 complete nests of *E. ruidum* sp. 2. extracted.** (A) between the total number of workers per nest and the total number of larvae ( $R_{(152)} = 0.6976$ ,  $p < 0.001$ ) or (B) the total number of pupae ( $R_{(152)} = 0.6050$ ,  $p < 0.001$ ) and (C) between both categories of brood ( $R_{(152)} = 0.7252$ ,  $p < 0.001$ ).

