Identifying Big Female Black Lasioglossum 🡪 Lasioglossum Sensu Strictu  
The specimen MUST fit all of characters 1-3. The 4th determines species.

1. Black integument with NO metallic reflections.
2. Propodeal sculpting less than 25% - smooth and unmarked over posterior half 🡪 ***Lasioglossum* Sensu strictu group**

A close up of a spider

Description automatically generated with low confidenceNote minimum texture posteriorly

Description automatically generated with low confidence

1. T2 on abdomen with a complete white band of appressed hairs along the BASE of the segment. Sometimes hard to see or mucky.  
   A close up of a bee

   Description automatically generated with low confidence
2. T1, part that is facing the propodeum, hard to see. Move specimen around under microscope to get a good view when their abdomen is held close to the body  
   A close-up of a skeleton

   Description automatically generated with medium confidence

a. Hairs are present to form a circle with a ROUNDish or heart shaped bare spot in the center.   
🡪 This is ***Lasioglossum coriaceum****Most of our Ohio specimens are this species, but keep an eye out for the other species listed below.*

A picture containing text

Description automatically generatedA picture containing close

Description automatically generated

b. If the bare spot on t1 is more triangular/arrow shaped, then it is ***Lasioglossum acuminatum***



1. If bare spot encircled by hairs but with an opening at top that is as wide or wider than fringe of hairs on either side then it is ***Lasioglossum paraforbesii***A close up of a person's eye

   Description automatically generated with medium confidence
2. If there is no distinct bare spot, and only sparsely scattered hairs, then it is ***Lasioglossum fuscipenne***. Note that *fuscipenne* has a sharp, almost 90 degree pronotal angle. Note also that this species should have a propodeum with longer longitudinal striae that do not quite reach the margin, so if you followed step 2 above you will have already ruled out this species. Be careful with confusing this species with *Lasioglossum (Sphecodogastra) truncatum*.  
   ***Photo needed of t1 for fuscipenne***