

1 Supplemental Material

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3 **Phenology and social behaviour of the endemic Sable Island Sweat Bee, *Lasioglossum***  
4 ***sablense***

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**Table 1S.** Linear models analysing the influence of body size (head width) on total wear scores of Phase 1 and 2 females (Fig. 3). The association between size and wear was significant, when all females were included (left), but not when the five probable foundresses collected in Phase 2 were excluded (right).

|                    | <b>Model including all females</b> |                |          | <b>Model excluding probable foundresses</b> |                |          |
|--------------------|------------------------------------|----------------|----------|---|----------------|----------|
|                    | df                                 | <i>F</i> value | <i>P</i> | df  | <i>F</i> value | <i>P</i> |
| Head width         | 1                                  | 3.796          | 0.054    | 1   | 0.443          | ns       |
| Phase              | 1                                  | 17.619         | <0.0001  | 1   | 1.186          | ns       |
| Head width * Phase | 1                                  | 24.449         | <0.0001  | 1   | 1.752          | ns       |
| Residuals          | 93                                 |                |          | 88  |                |          |

**Table 2S.** Linear models analysing the influence of body size on total ovarian scores of Phase 1 and 2 females (Figs. 6, 7). Ovarian development scores were not significantly associated with head width (left) but were significantly associated with costal vein length (right).

|                   | <b>Size measured as head width</b> |                |          | <b>Size measured as costal vein length</b> |                |          |
|-------------------|------------------------------------|----------------|----------|--|----------------|----------|
|                   | df                                 | <i>F</i> value | <i>P</i> | df   | <i>F</i> value | <i>P</i> |
| Body size         | 1                                  | 2.379          | ns       | 1  | 4.044          | 0.055    |
| Phase             | 1                                  | 2.650          | ns       | 1  | 2.973          | ns       |
| Body size * Phase | 1                                  | 1.605          | ns       | 1  | 1.818          | ns       |
| Residuals         | 26                                 |                |          | 26   |                |          |