

## **Description of Additional Supplementary Files:**

**Supplementary Movie 1.** Compilation of video sequences illustrating substrate touching by the ovipositor in *D. sechellia*.

**Supplementary Movie 2.** Compilation of video sequences illustrating substrate scratching by the ovipositor in *D. sechellia*.

**Supplementary Movie 3.** Compilation of video sequences illustrating substrate digging by the ovipositor in *D. sechellia*.

**Supplementary Movie 4.** Compilation of video sequences illustrating indentation formation by the ovipositor in *D. sechellia*.

**Supplementary Movie 5.** Compilation of video sequences illustrating egg laying by *D. sechellia*.