Supplementary Figure DR1. A series of traces from the Mistaken Point Formation, Mistaken Point Ecological Reserve, Newfoundland, Canada. Note the clear positive marginal ridges and internal structures.
Supplementary Figure DR2. A collection of traces from the Mistaken Point Formation, Mistaken Point Ecological Reserve, Newfoundland, Canada. Note that the figured specimens do not show uniform orientations or direction of travel (illustrated by the white arrows adjacent to each trace).
Supplementary Figure DR3. A trace from the Mistaken Point Formation, Mistaken Point Ecological Reserve, Newfoundland, Canada. This specimen shows a clear pit at its end (partly infilled by unweathered brown tuff), and clear marginal levees, but it lacks internal ridges. The white arrow indicates the inferred direction of travel of the trace-maker.
Supplementary Figure DR4. The largest trace on the trace-bearing bedding plane, Mistaken Point Formation, Mistaken Point Ecological Reserve, Newfoundland, Canada. This specimen is figured in the paper as Figure 2. Note the clear terminal disc (at right), prominent marginal levees indicating displacement of sediment, and the positive internal crescentic ridges.
Supplementary Figure DR5. A series of trails from the Mistaken Point Formation, Mistaken Point Ecological Reserve, Newfoundland, Canada. White arrows indicate the perceived direction of travel of the trace maker (inferred from presence of a terminal disc or of concave internal ridges), while the black arrow indicates a cross-over point, where one trail (moving from left to right) cuts through the existing trails.
Supplementary Figure DR6. Trails from the Mistaken Point Formation, Mistaken Point Ecological Reserve, Newfoundland, Canada. White arrows indicate the perceived direction of travel of the trace maker (inferred from presence of a terminal disc), while black arrow indicates a cross-over point, where two traces meet.
Supplementary Figure DR7. A trail from the Mistaken Point Formation, Mistaken Point Ecological Reserve, Newfoundland, Canada. Note the prominent marginal levees. Compass scale bar in inches.