Collembola counting options

Number of directory levels used to name the .xls files: 3

Image Pre-Treatment:
- Smooth
- Gaussian blur
  Sigma (radius) for gaussian blur: 2.0 pixels

Scaling method: Automatic
Background calculation: Minimal intensity

Selection of a region of interest (roi)

Particle analysis:
- Automatic thresholding

Or manual thresholding:
  Threshold value: 90

Moving particle darker than the background

Automatic scaling specifications

Measure of the scaling object (mean rectangle side or radius): 23 user unit

Scaling object is a circle

Approximate upper-middle coordinates of the scaling object:
  X-coordinate: 3600
  Y-coordinate: 700

Approximate lower-middle coordinates of the scaling object:
  Y-coordinate: 1500

Lower area boundary: 700000 pixels^2
Upper area boundary: 1150000 pixels^2

Threshold value: 110

Roi selection specifications

Approximate upper-left coordinates of the scaling object:
  X-coordinate: 21
  Y-coordinate: 21

Approximate lower-right coordinates of the scaling object:
  X-coordinate: 55
  Y-coordinate: 55

Lower area boundary: 2000 user unit^2
Upper area boundary: 2700 user unit^2

Circularity tolerance: 0.3