1. Felix: The length of an edge of a pixel for the camera is 6.45 μm. Since you used a 100X objective, the length of an edge of a pixel represents 0.0645 μm. So if we are doing area, the size of a pixel is 0.0645x0.0645 = 0.00416025 μm2.
2. 79 pixels \* 0.00416025 μm2 / pixel =