

**Figure 1:** *C. elegans* Living on an Agar Plate, Viewed at 40x Total Magnification



Pictured are a number of *C. elegans* nematodes living on an agar plate. The total magnification is 40x. Every nematode in this image is a hermaphrodite. We see adult, juvenile, and embryonic nematodes, as labeled above. All of the significant structures that are visible are labeled. The anus is just barely visible as a small bump on the ventral side of the nematode. The vulva is obscured by the juvenile, and the intestine is simply not visible through the dark interior of the nematode. Having not been provided an exhaustive list of structures to report, this is all.

Regarding behaviors, most of the time the nematodes would move back and forth within the groove they were occupying. Occasionally, they might become more active, and this was usually accompanied by an increase in the rate of pulsation of the pharynx, indicating that this behavior was related to feeding. It appeared that the nematodes were trying to burrow into the agar, and it was not clear if they were ingesting the agar, or simply breaking it up.