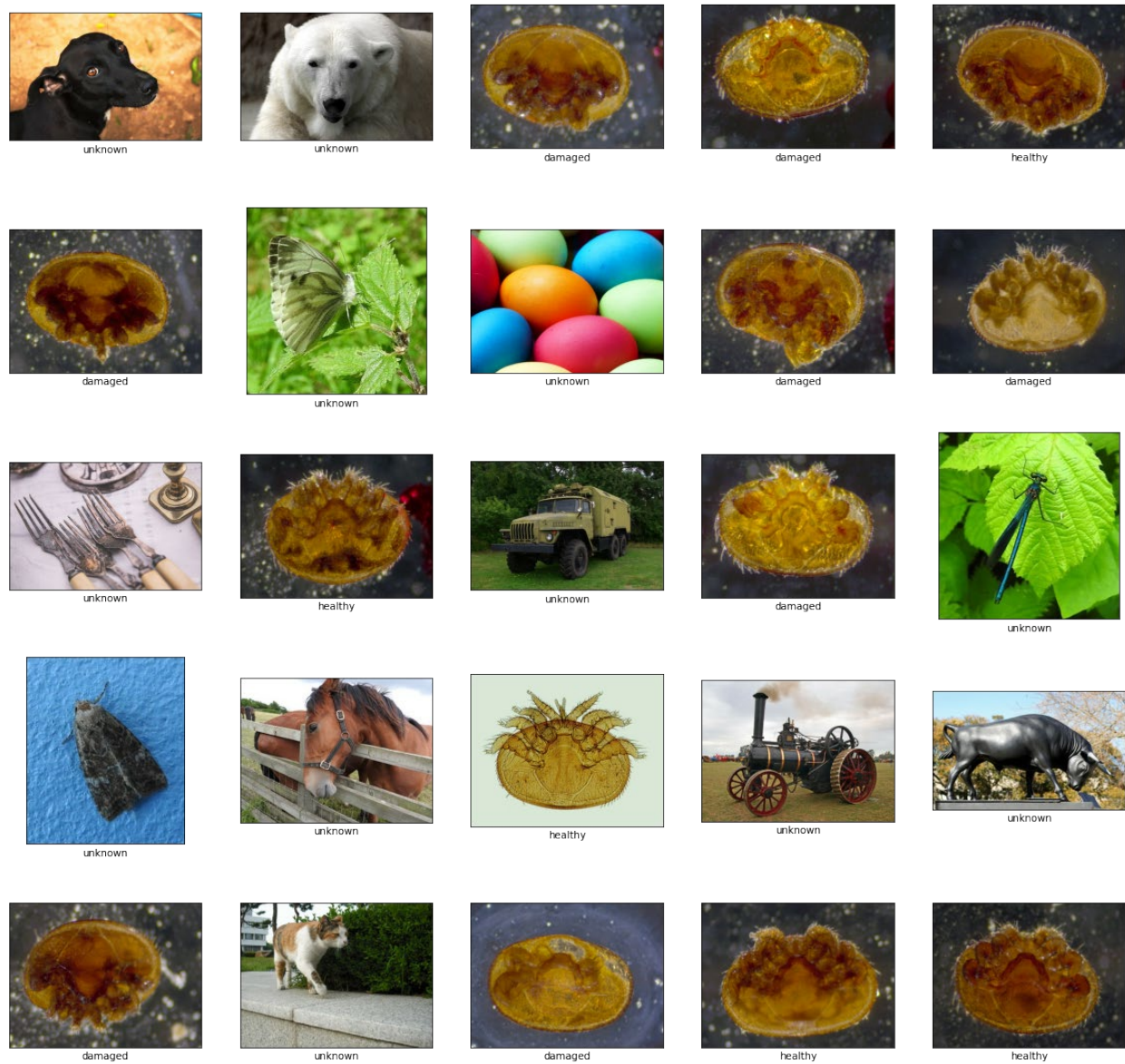
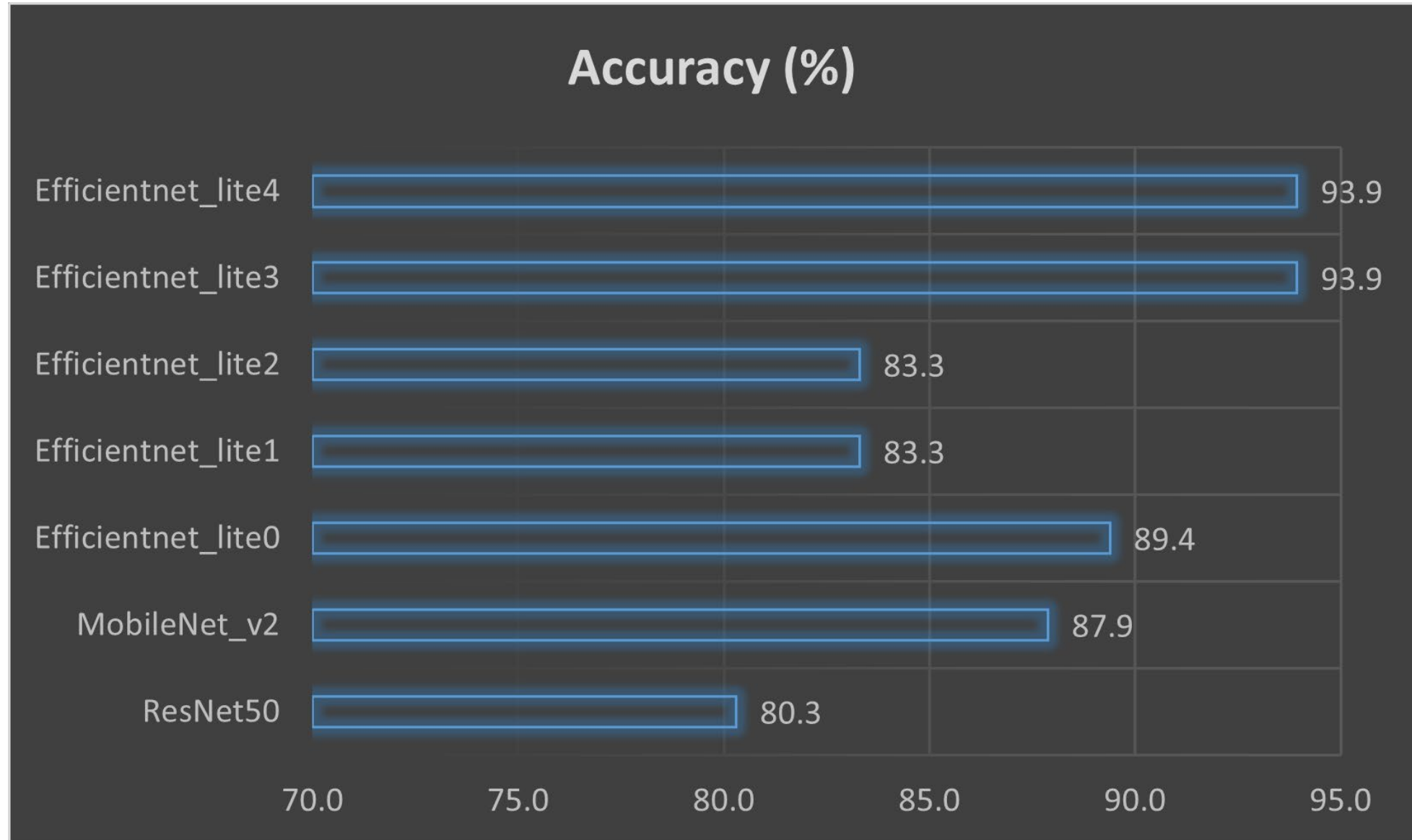




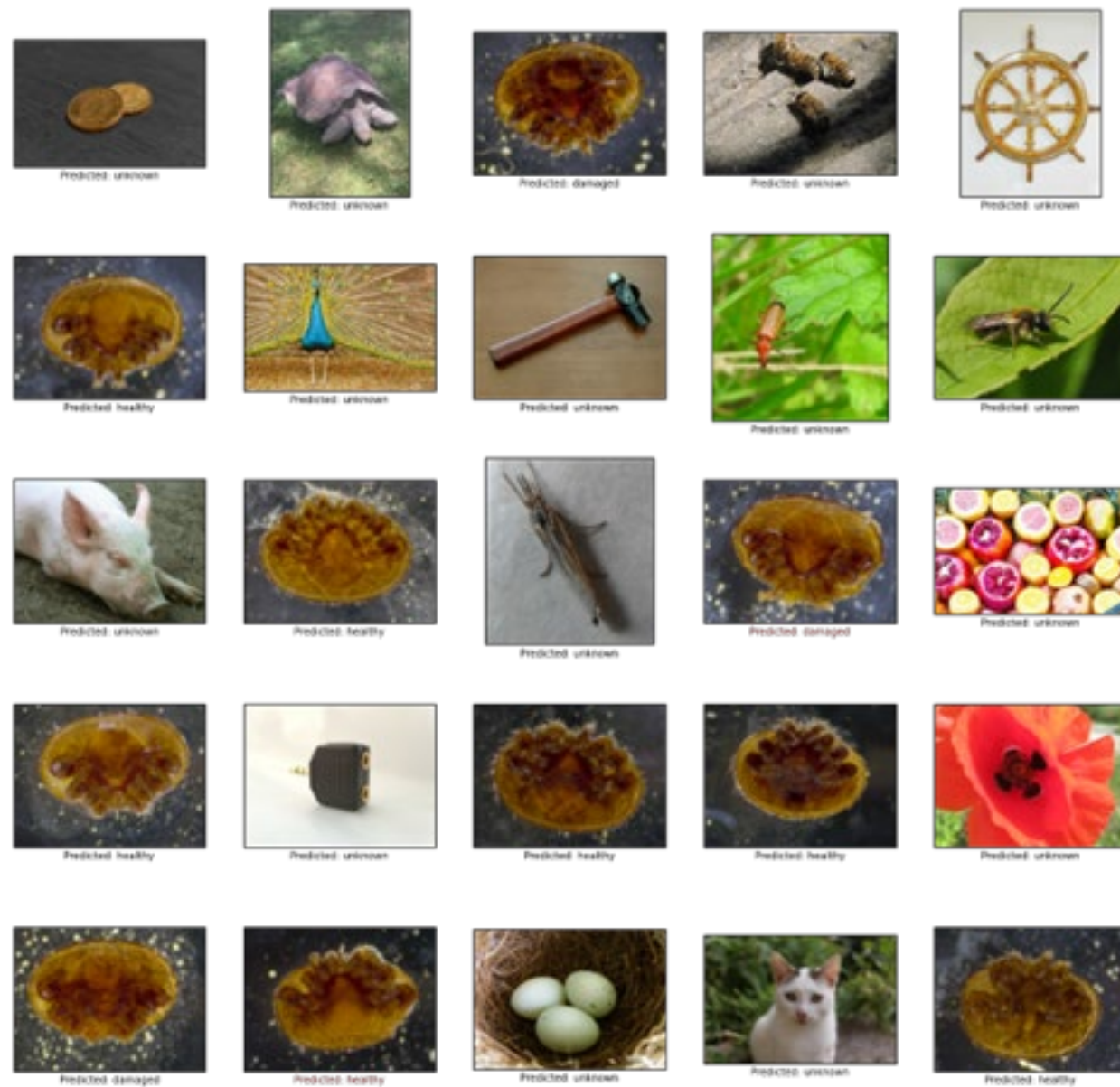
Supple Fig. 1. Sample images from the Mite Database.



Supplemental Fig. 2. Map of the locations of sample collection from the United States, Puerto Rico, and China. The United States site was Wilberforce, Ohio, for the Ohio feral *Apis mellifera ligustica* and commercial colonies. The Puerto Rico site was the University of Puerto Rico, Río Piedras Campus, Bee Laboratory Apiary for the *Apis mellifera scutellata*-hybrid. The China site was Beijing, China, for the *Apis cerana* colonies.



Supplemental Fig 3: Accuracy among the tested neural networks.



Supplemental Fig4: Classification results using EfficientNet B3. The red-labeled images are misclassified.