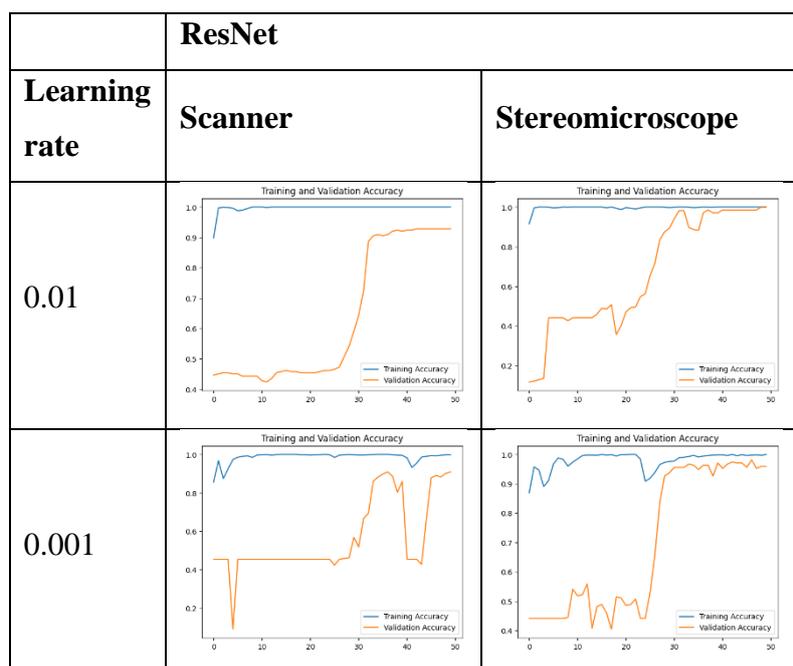
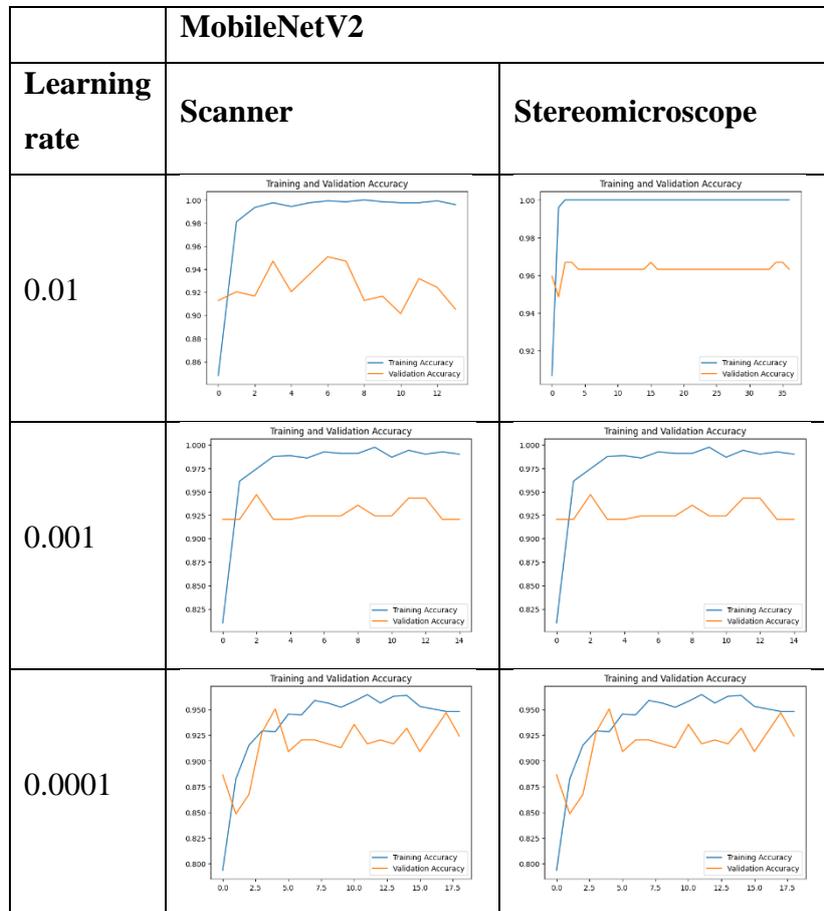
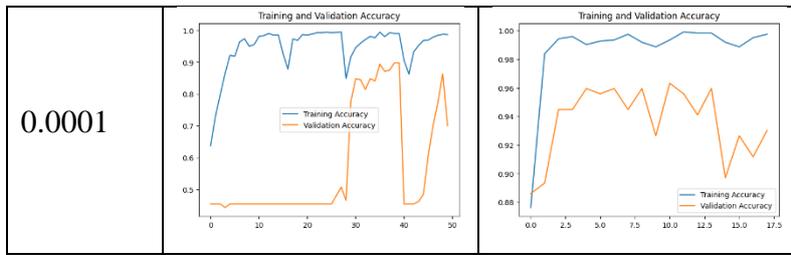


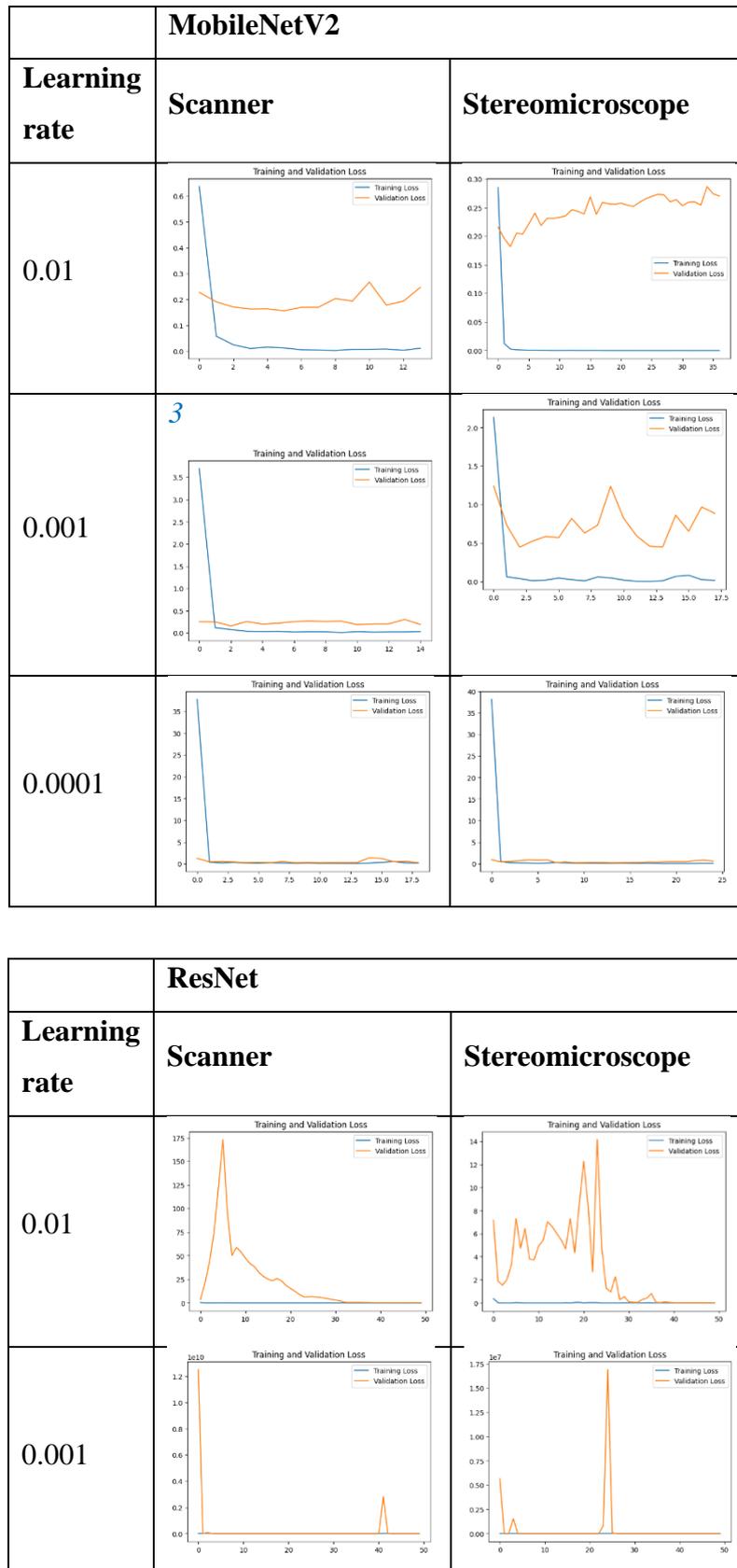
**Supplementary Figure S1.** Accuracy plotted against epochs for the training and test split of deep learning models developed and tested using flatbed scanner ‘ScannerVision’ - and stereomicroscope-generated images.

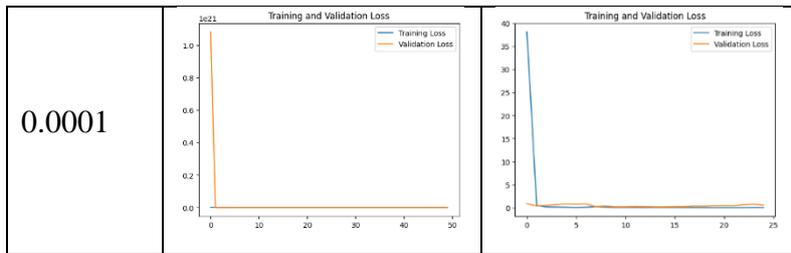




InceptionV3		
Learning rate	Scanner	Stereomicroscope
0.01		
0.001		
0.0001		

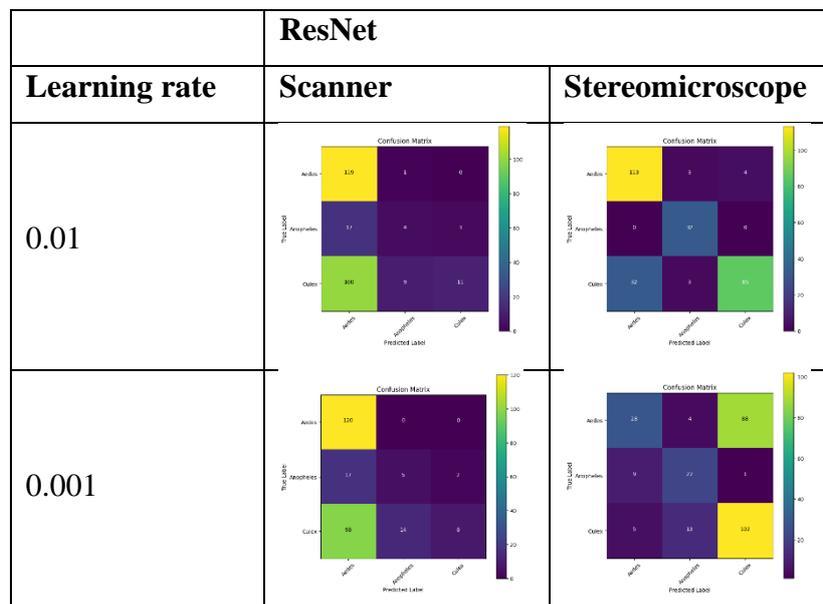
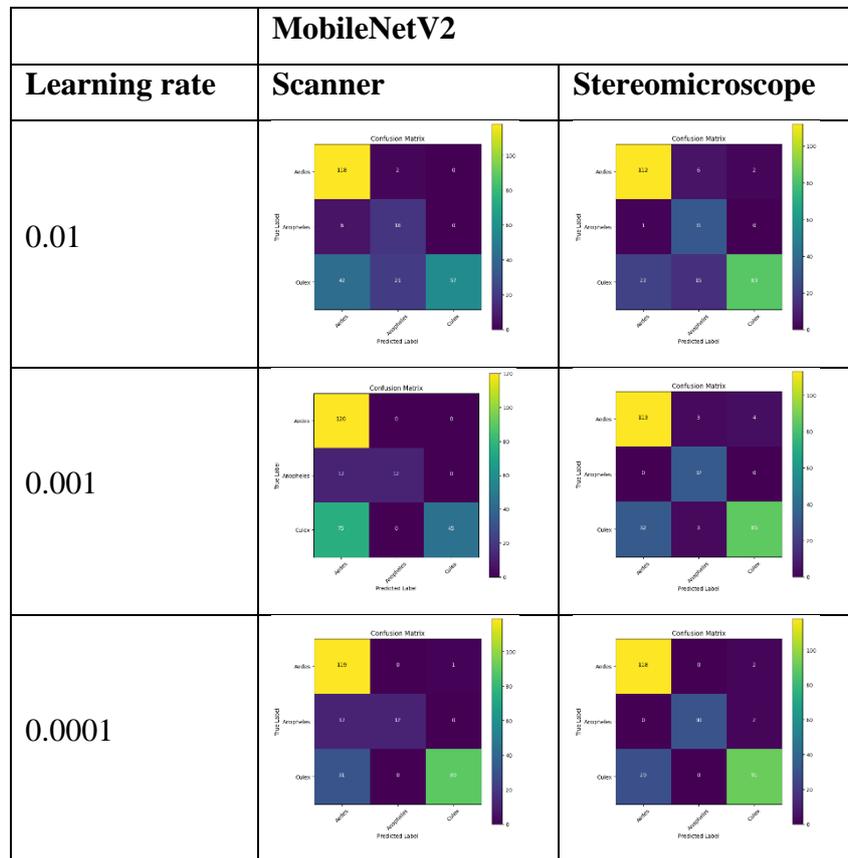
**Supplementary Figure S2.** Loss function plotted against epochs for the training and test split of deep learning models developed and tested using flatbed scanner ScannerVision' - and stereomicroscope-generated images.

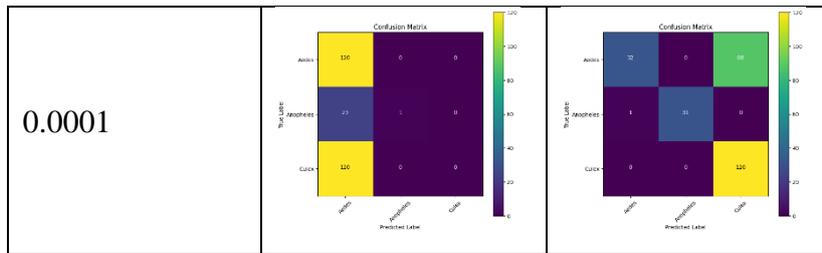




InceptionV3		
Learning rate	Scanner	Stereomicroscope
0.01		
0.001		
0.0001		

**Supplementary Figure S3.** Confusion matrix for the model performance of the deep learning models developed and tested for flatbed scanner ‘ScannerVision’ and stereomicroscope images. The x-axis shows the prediction of the deep learning model, the y-axis shows the actual class, the number in the matrices refers to the number of predictions for the actual class, the scale bar shows the density of the prediction (the denser the blue, the more true positives).





	InceptionV3																									
Learning rate	Scanner	Stereomicroscope																								
0.01	<p>Confusion Matrix for Scanner at 0.01 learning rate. True Labels: Anillo, Stereomicroscope, Culex. Predicted Labels: Anillo, Stereomicroscope, Culex.</p> <table border="1"> <tr><td>Anillo</td><td>100</td><td>0</td><td>1</td></tr> <tr><td>Stereomicroscope</td><td>15</td><td>3</td><td>1</td></tr> <tr><td>Culex</td><td>94</td><td>1</td><td>11</td></tr> </table>	Anillo	100	0	1	Stereomicroscope	15	3	1	Culex	94	1	11	<p>Confusion Matrix for Stereomicroscope at 0.01 learning rate. True Labels: Anillo, Stereomicroscope, Culex. Predicted Labels: Anillo, Stereomicroscope, Culex.</p> <table border="1"> <tr><td>Anillo</td><td>106</td><td>1</td><td>13</td></tr> <tr><td>Stereomicroscope</td><td>17</td><td>11</td><td>7</td></tr> <tr><td>Culex</td><td>3</td><td>0</td><td>117</td></tr> </table>	Anillo	106	1	13	Stereomicroscope	17	11	7	Culex	3	0	117
Anillo	100	0	1																							
Stereomicroscope	15	3	1																							
Culex	94	1	11																							
Anillo	106	1	13																							
Stereomicroscope	17	11	7																							
Culex	3	0	117																							
0.001	<p>Confusion Matrix for Scanner at 0.001 learning rate. True Labels: Anillo, Stereomicroscope, Culex. Predicted Labels: Anillo, Stereomicroscope, Culex.</p> <table border="1"> <tr><td>Anillo</td><td>100</td><td>0</td><td>0</td></tr> <tr><td>Stereomicroscope</td><td>9</td><td>74</td><td>0</td></tr> <tr><td>Culex</td><td>71</td><td>0</td><td>62</td></tr> </table>	Anillo	100	0	0	Stereomicroscope	9	74	0	Culex	71	0	62	<p>Confusion Matrix for Stereomicroscope at 0.001 learning rate. True Labels: Anillo, Stereomicroscope, Culex. Predicted Labels: Anillo, Stereomicroscope, Culex.</p> <table border="1"> <tr><td>Anillo</td><td>104</td><td>0</td><td>6</td></tr> <tr><td>Stereomicroscope</td><td>11</td><td>7</td><td>10</td></tr> <tr><td>Culex</td><td>6</td><td>0</td><td>114</td></tr> </table>	Anillo	104	0	6	Stereomicroscope	11	7	10	Culex	6	0	114
Anillo	100	0	0																							
Stereomicroscope	9	74	0																							
Culex	71	0	62																							
Anillo	104	0	6																							
Stereomicroscope	11	7	10																							
Culex	6	0	114																							
0.0001	<p>Confusion Matrix for Scanner at 0.0001 learning rate. True Labels: Anillo, Stereomicroscope, Culex. Predicted Labels: Anillo, Stereomicroscope, Culex.</p> <table border="1"> <tr><td>Anillo</td><td>100</td><td>0</td><td>1</td></tr> <tr><td>Stereomicroscope</td><td>17</td><td>4</td><td>6</td></tr> <tr><td>Culex</td><td>98</td><td>3</td><td>71</td></tr> </table>	Anillo	100	0	1	Stereomicroscope	17	4	6	Culex	98	3	71	<p>Confusion Matrix for Stereomicroscope at 0.0001 learning rate. True Labels: Anillo, Stereomicroscope, Culex. Predicted Labels: Anillo, Stereomicroscope, Culex.</p> <table border="1"> <tr><td>Anillo</td><td>104</td><td>4</td><td>2</td></tr> <tr><td>Stereomicroscope</td><td>9</td><td>71</td><td>4</td></tr> <tr><td>Culex</td><td>6</td><td>2</td><td>111</td></tr> </table>	Anillo	104	4	2	Stereomicroscope	9	71	4	Culex	6	2	111
Anillo	100	0	1																							
Stereomicroscope	17	4	6																							
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