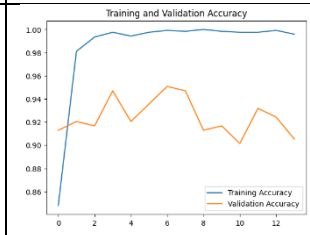
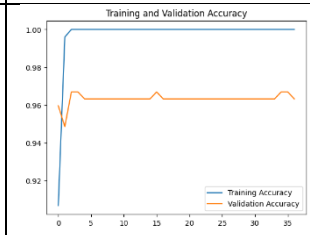
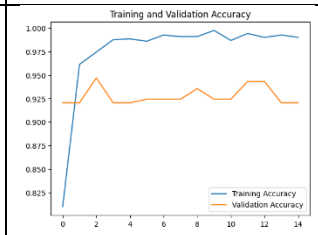
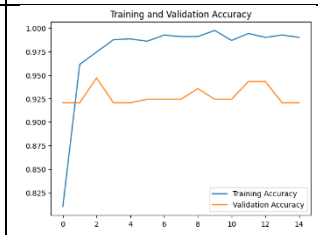
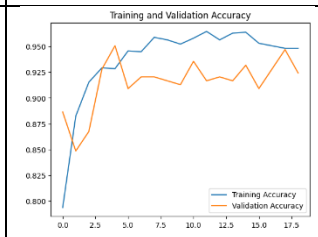
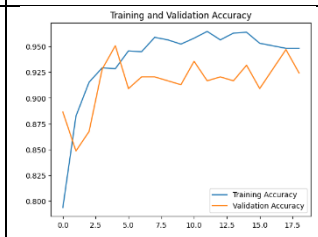
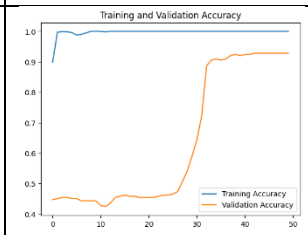
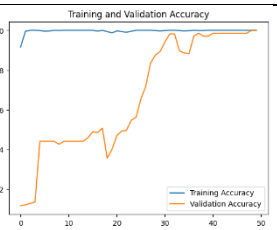
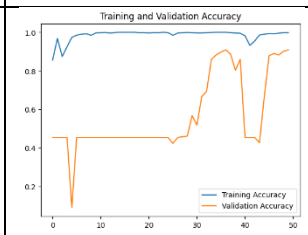
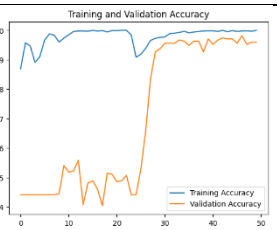
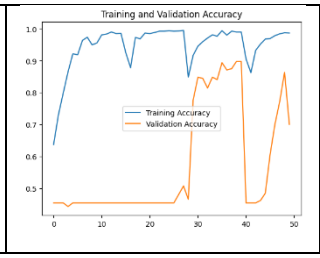
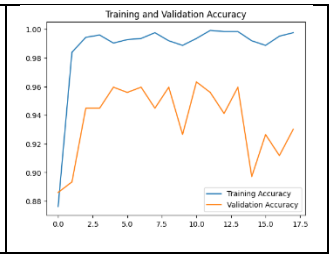
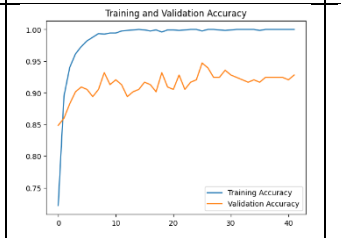
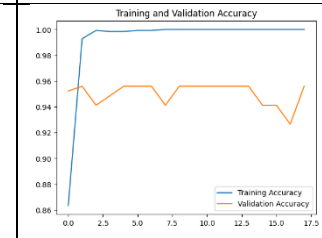
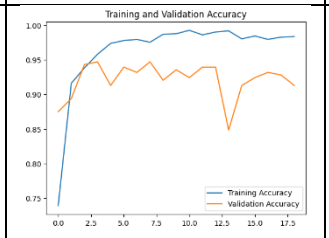
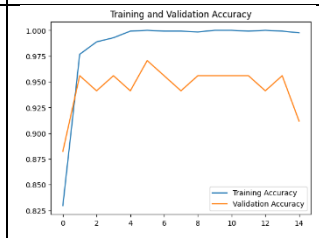
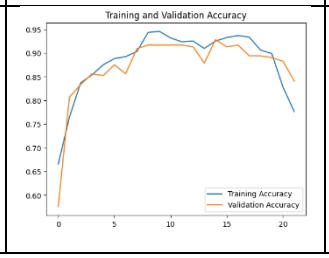
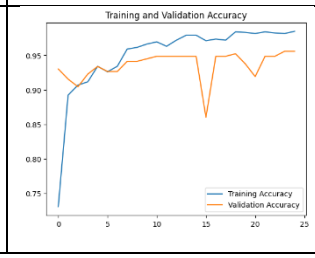
Supplementary Figure S1. Accuracy plotted against epochs for the training and test split of deep learning models developed and tested using flatbed scanner 'ScannerVision' - and stereomicroscope-generated images.

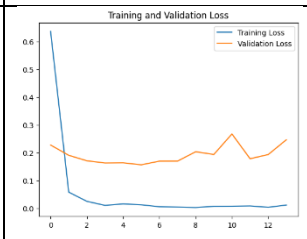
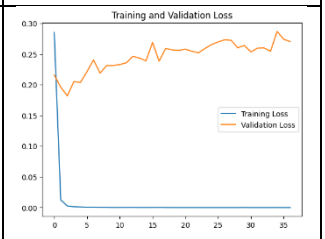
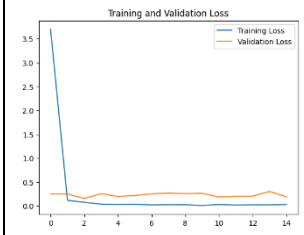
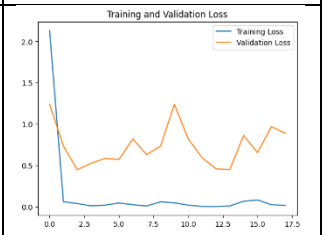
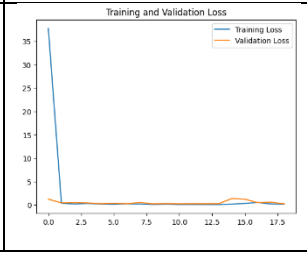
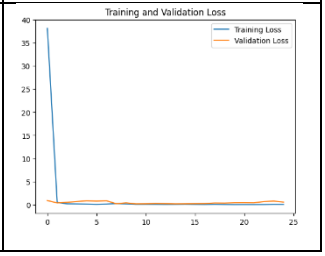
	MobileNetV2	
Learning rate	**Scanner**	**Stereomicroscope**
0.01		
0.001		
0.0001		

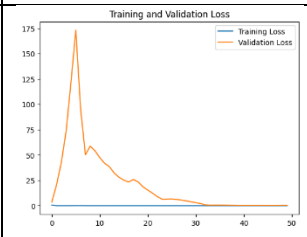
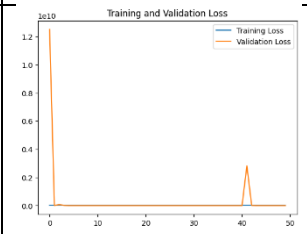
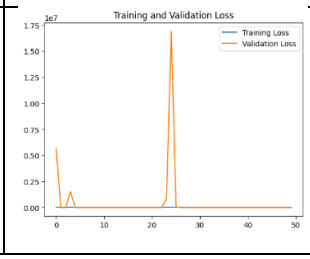
	ResNet	
Learning rate	**Scanner**	**Stereomicroscope**
0.01		
0.001		

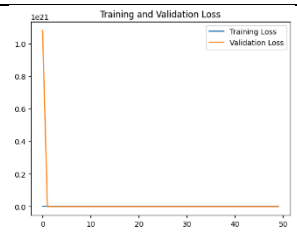
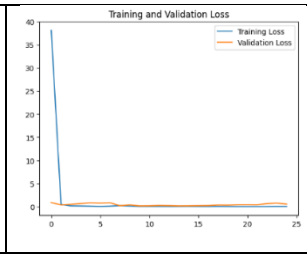
0.0001		

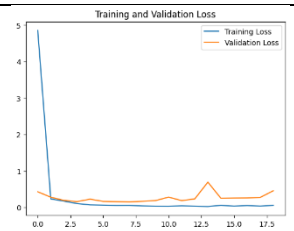
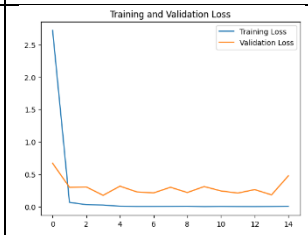
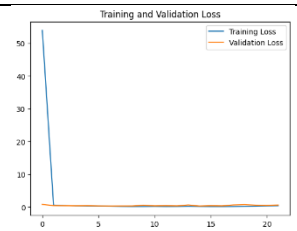
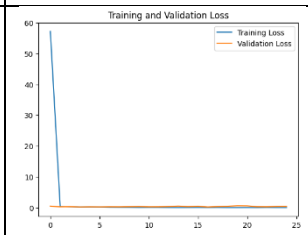
	InceptionV3	
Learning rate	**Scanner**	**Stereomicroscope**
0.01		
0.001		
0.0001		

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.

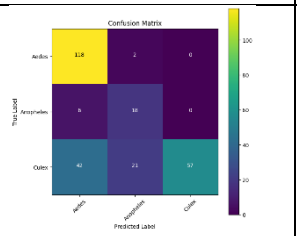
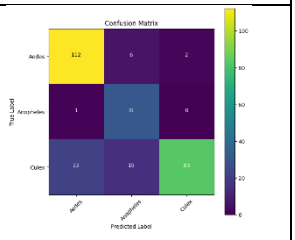
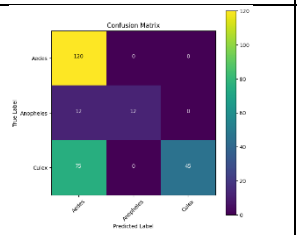
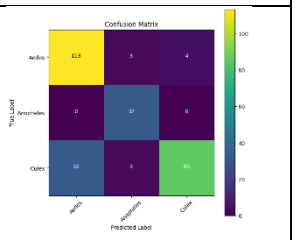
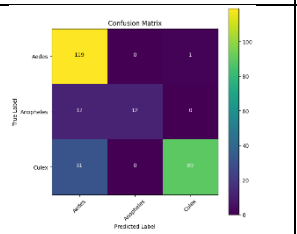
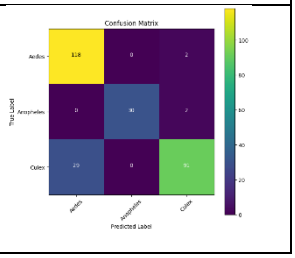
	MobileNetV2	
Learning rate	**Scanner**	**Stereomicroscope**
0.01		
0.001	*3* 	
0.0001		

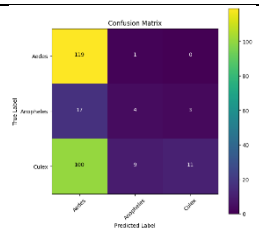
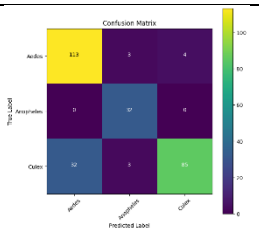
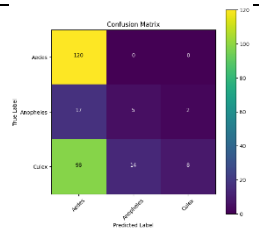
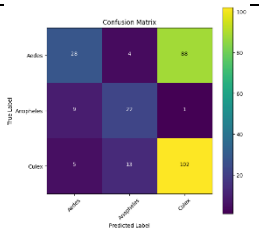
	ResNet	
Learning rate	**Scanner**	**Stereomicroscope**
0.01		
0.001		

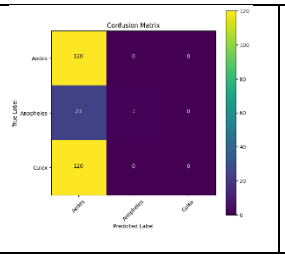
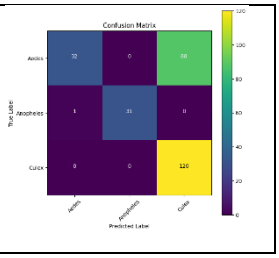
0.0001		

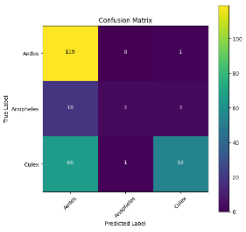
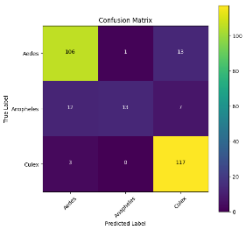
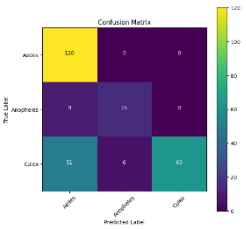
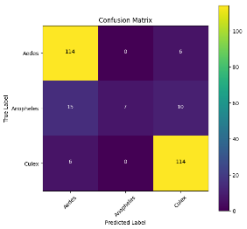
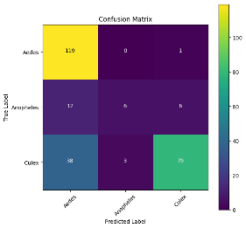
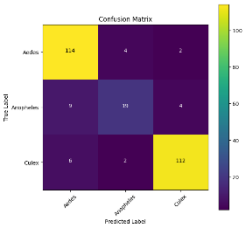
	InceptionV3	
Learning rate	**Scanner**	**Stereomicroscope**
0.01		
0.001		
0.0001		

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).

	MobileNetV2	
Learning rate	**Scanner**	**Stereomicroscope**
0.01		
0.001		
0.0001		

	ResNet	
Learning rate	**Scanner**	**Stereomicroscope**
0.01		
0.001		

0.0001		

	InceptionV3	
Learning rate	**Scanner**	**Stereomicroscope**
0.01		
0.001		
0.0001