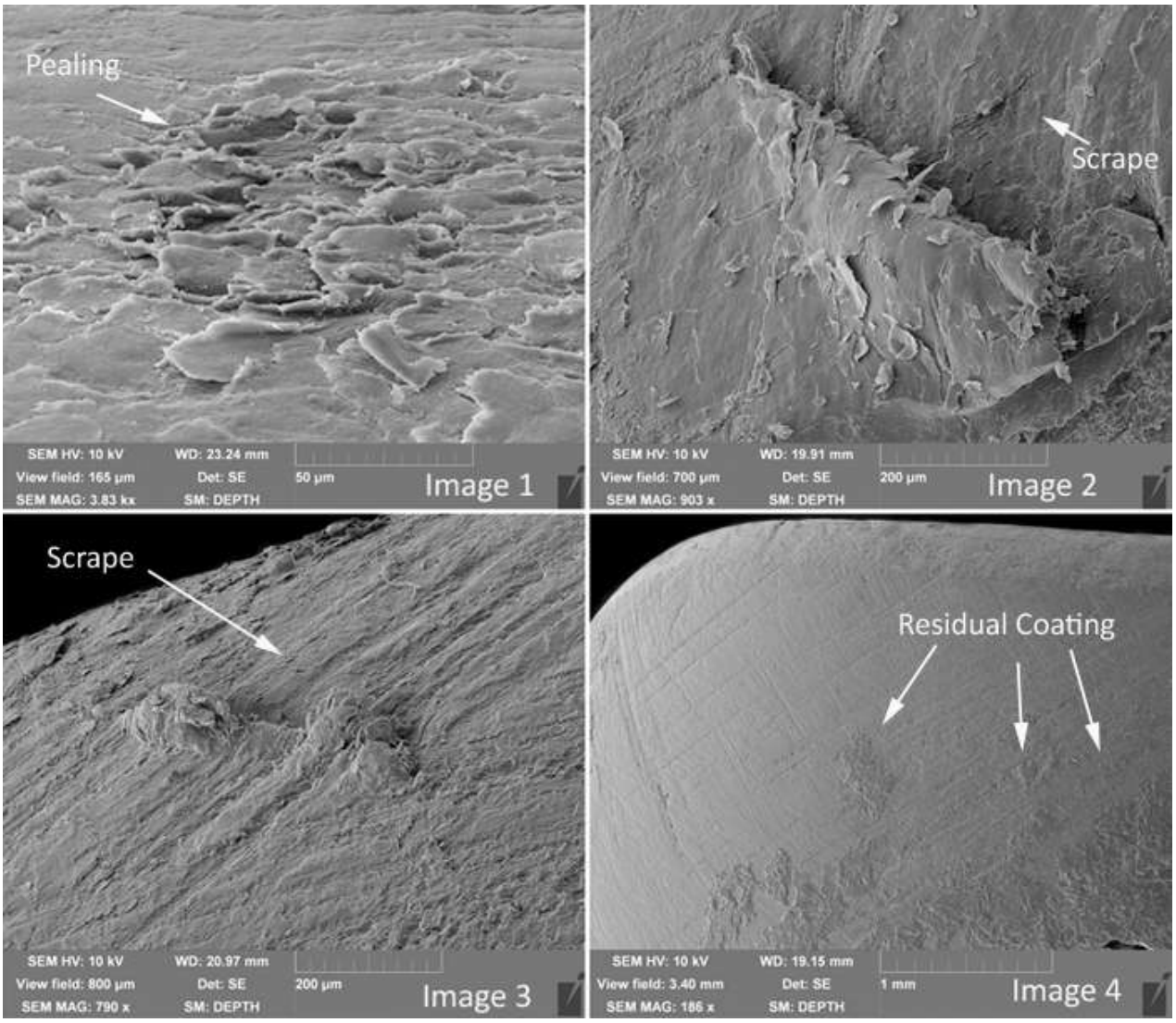
Natural Nail Plate

These are scientific views of the natural nail plate after various product applications. Before you start to apply nails it is important to know what happens to the nail plate during the preparation and removal process. Below are the results of various conditions of product removal.



Photos taken from the archives of educator and scientific expert Doug Shoon.

Image 1- is a nail plate damaged by 'ripping' or 'biting' acrylic product off the nail plate. This action will peel the cells of the nail plate and cause damage that will make the nail plate weak, thin, split and eventually crack.

Image 2&3 - shows the nail plate damaged by soaking off product and using a tool to scrape off products from the nail plate. When the nail is 'soaked' the nail plate will weaken and at that point is vulnerable to tools used to force off products. As you can see in the picture the surface of the nail plate is scraped up from the tools. This damage cannot be reversed.

Image 4 – show the nail plate scraped and scratched up so much that there is no more scales 'cells' to keep the nail strong. This is what a thin nail looks like under a microscope. The result is sore nails, and difficulty in keeping product on the nails. Remember the only solution to the damaged nail is time. Growing out the nails to replace the damaged surface is one of the solutions that can be done.