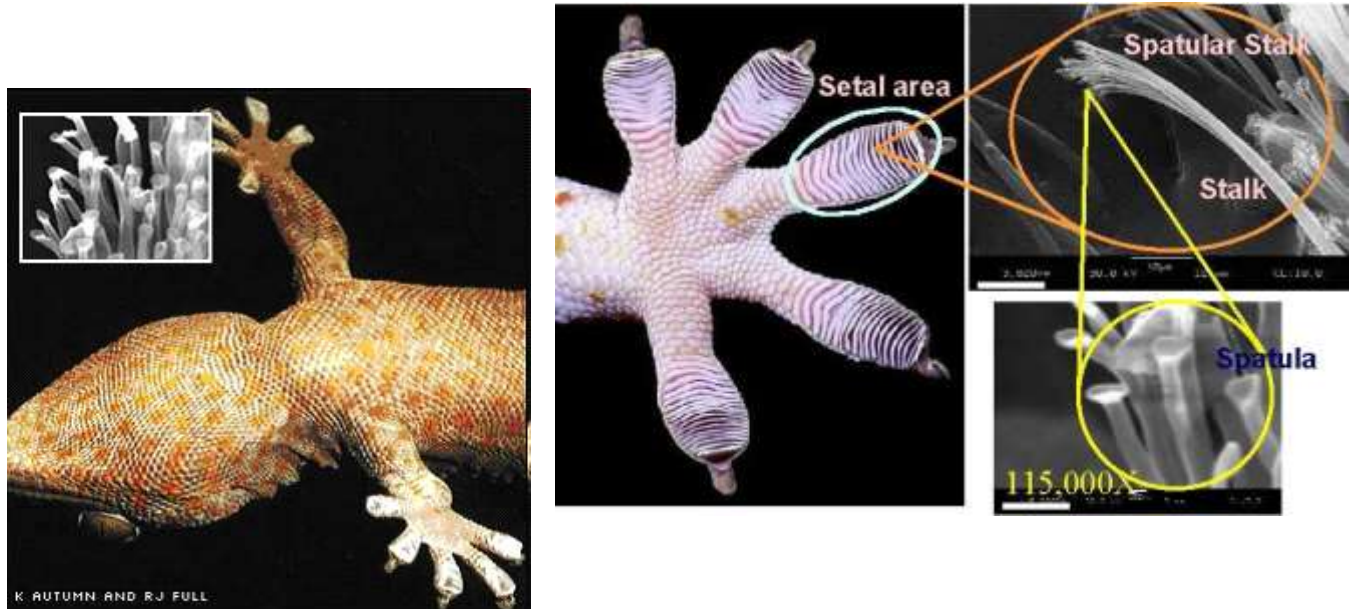


Did you know...?

Geckos have AMAZING feet!

Look closely at the Gecko's feet.



An example of nano in nature can be found on the feet of geckos. Geckos have the ability to run across walls and ceilings, sticking effortlessly to the slickest surface! On the bottom of each gecko foot are half a million microscopic hairs, each about one-tenth the diameter of a human hair. The end of each hair splits into hundreds of tinier hairs, measuring just 200 nanometers across. When a gecko presses its foot down, these tiny hairs spread out, pressing closely against the surface making use of the weak attraction between molecules called Van de Waals force.

Can you tell which environment our geckos live in based on their feet?



Freddy's foot



Sami's foot

One of these geckos is adapted to living in trees with smooth, slippery leaves.

The other gecko lives on the ground in rocky, sandy mountain valleys.

Can you figure out which gecko lives where?