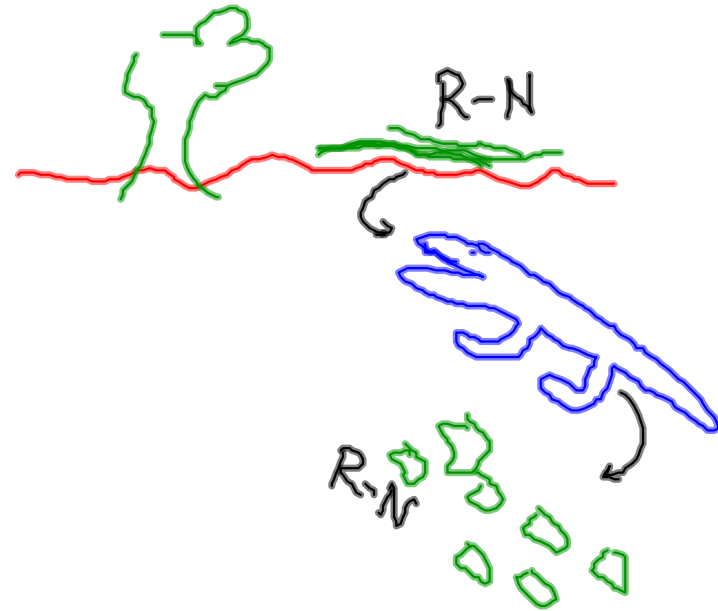


1. Plants & animals use nitrogen to make PROTEINS and DNA. Each organism is reusing nitrogen - to keep the supply going, we have to keep the whole cycle moving. Organisms transfer nitrogen from one stage to the next.

2. The first stage of soil organisms take large chunks of R-N and break it down into smaller pieces.



3. Two reasons:

- the charges of NO_3^- and NH_4^+ allow those molecules to stick to water as it's pulled into the plant roots
- organic nitrogen is too big!

4.

