

For Release
April 2, 1938

By Major A. H. Thiessen
Science Service Meteorologist

Condensation nuclei! Everyone now knows that fog and cloud particles are actual droplets of water, not little hollow spheres as was once taught. The little cloud droplets were formed by the water vapor in the air condensing on little particles called condensation nuclei. These nuclei are not the common atmospheric dust. It is now believed that they come from the flue gases escaping from chimneys and from all fires rich in sulphur dioxide. This gas turns to another which has a great affinity for water. Another source is the salt spray of the sea whose particles also have great chemical thirsts.
