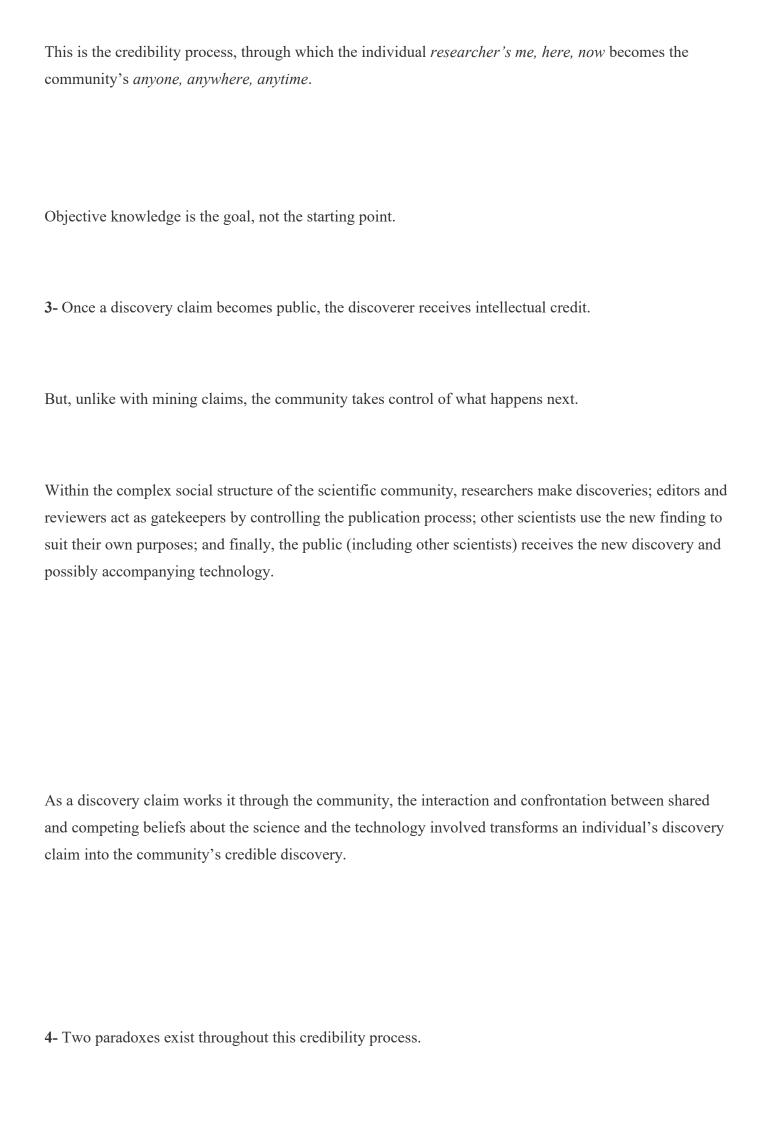
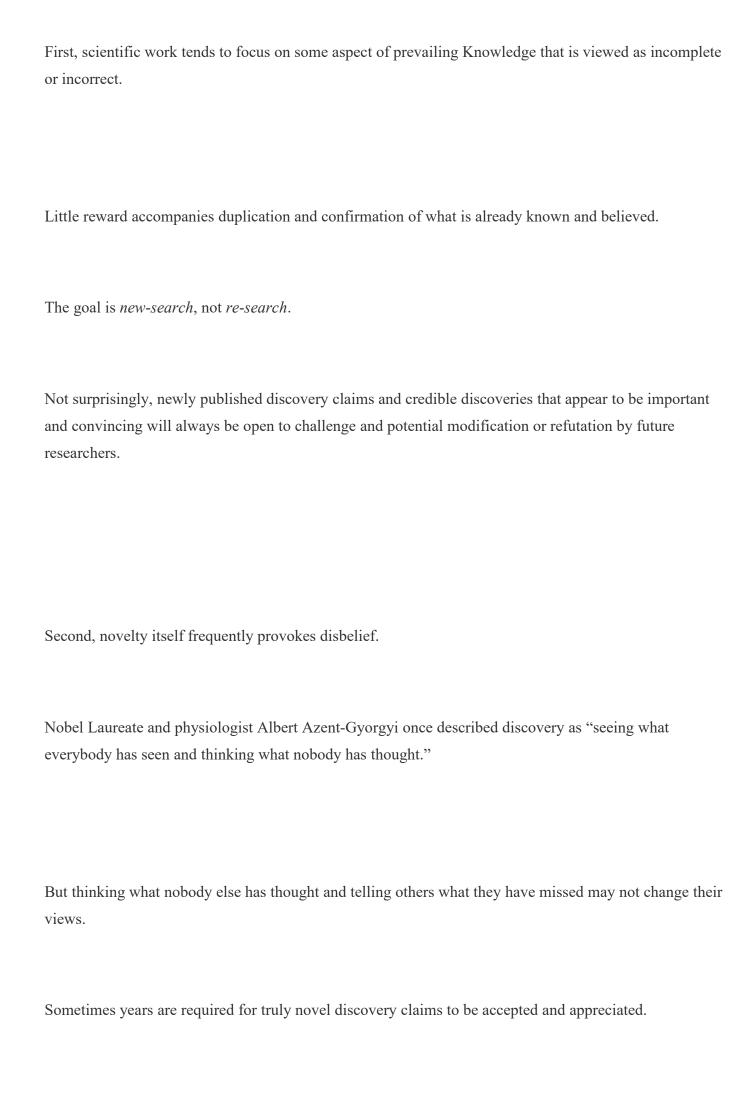
2012-1 Text 3

1- In the idealized version of how science is done, facts about the world are waiting to be observed and collected by objective researchers who use the scientific method to carry out their work.
But in the everyday practice of science, discovery frequently follows an ambiguous and complicated route.
We aim to be objective, but we cannot escape the context of our unique life experience.
Prior knowledge and interest influence what we experience, what we think our experiences mean, and the subsequent actions we take.
Opportunities for misinterpretation, error, and self-deception abound.
2- Consequently, discovery claims should be thought of as protoscience.
Similar to newly staked mining claims, they are full of potential.
But it takes collective scrutiny and acceptance to transform a discovery claim into a mature discovery.





5- In the end, credibility "happens" to a discovery claim – a process that corresponds to what philosopher Annette Baier has described as the <i>commons of the mind</i> .
"We reason together, challenge, revise, and complete each other's reasoning and each other's conceptions of reason."
31. According to the first paragraph, the process of discovery is characterized by its
[A] uncertainty and complexity.
[B] misconception and deceptiveness.
[C] logicality and objectivity.
[D] systematicness and regularity.
32. It can be inferred from Paragraph 2 that credibility process requires
[A] strict inspection.
[B]shared efforts.
[C] individual wisdom.
[D] persistent innovation.
33. Paragraph 3 shows that a discovery claim becomes credible after it
[A] has attracted the attention of the general public.
[B] has been examined by the scientific community.
[C] has received recognition from editors and reviewers.
[D] has been frequently quoted by peer scientists.

34. Albert Szent-Györgyi would most likely agree that
[A] scientific claims will survive challenges.
[B] discoveries today inspire future research.
[C] efforts to make discoveries are justified.
[D] scientific work calls for a critical mind.
35. Which of the following would be the best title of the test?
[A] Novelty as an Engine of Scientific Development.
[B] Collective Scrutiny in Scientific Discovery.
[C] Evolution of Credibility in Doing Science.
[D] Challenge to Credibility at the Gate to Science.