|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| The Scientific Content Summary gives an approximation of how deeply science is imbedded in a novel and is used to obtain an overview of this body of literature and track its development over time. Data is provided by members of FMS and of the FMS Book Clubs. Numbers indicate how many readers assessed yes or no for a given trait. | | | | |
| **Title: *Properties of Light***  **Author: REbecca Goldstein**  **Updated on: 8 Dec 2014 Participants: 2** | **YES** | **NO** | **DON’T**  **KNOW** | **MAJORITY**  **OPINION** |
| **Scientist characters (ESTABLISHED OR IN TRAINING)**  (note yes or no for all that apply) |  |  |  |  |
| Main character | 2 |  |  | YES |
| Secondary characters (exclusively, or in addition to main character) | 2 |  |  | YES |
| Other minor characters (exclusively, or in addition to main or secondary characters) | 2 |  |  | YES |
| **Science in plot** (note yes or no for all that apply) |  |  |  |  |
| Pivotal or essential: central to critical events, without which plot could not proceed | 2 |  |  | YES |
| Incidental: science plays a role, but plot could proceed without it |  | 2 |  | NO |
| Underpins the novel’s structure: the order, pacing or arrangement of events mirrors a scientific structure or concept (e.g. chaos theory, structure of DNA, relativity theory, uncertainty principle, 2nd law of thermodynamics, etc) | 2 |  |  | YES |
| **Science in theme** (note yes or no for all that apply) |  |  |  |  |
| Main theme, the novel’s “meaning” | 2 |  |  | YES |
| Minor themes (exclusively or in addition to main themes) | 2 |  |  | YES |
| **Laboratory or fieldwork setting** (choose one) |  |  |  |  |
| Frequent |  |  |  |  |
| Occasional |  |  |  |  |
| One or two scenes |  |  |  |  |
| Absent | 2 |  |  | YES |
| **Scientific knowledge** (note yes or no for all that apply) |  |  |  |  |
| Reader learns scientific facts, theories, or hypotheses | 2 |  |  | YES |
| Understanding scientific content is essential to understanding the novel | 2 |  |  | YES |
| Most science is based on established knowledge or plausible speculation (sometimes in historic context) | 2 |  |  | YES |

Participant initials: SG, EH