Supplementary Table S3: Entity types and descriptions.

Entity type	Description
Culture-loaded Word	Core entities of the knowledge graph, recording attributes such as orthography and pinyin. It is further divided by expression granularity into three subtypes—character, word, and sentence—to support retrieval and question answering at different granularities.
Context	Characterizes contextual evidence for culture-loaded words and is subdivided into four subtypes: allusion, quotation, source, and explanation. Quotations and sources provide concrete usage examples and provenance localization; explanations supplement meanings and necessary translation; allusions provide additional historical and cultural background.
Cultural Content Classification	Enables retrieval and constraints from a cultural perspective: the five upper-level categories provide macro cultural dimensions, while the eight sub-level categories capture finer-grained cultural knowledge types (see Table S1 and Table S2).
Cultural Source	Provides verifiable provenance pointers and includes three subtypes: article, book, and website entry. It can be further linked to chapters or content units to support fine-grained retrieval.
Chapter/Content Unit	Anchors provenance information to finer locations (e.g., chapters, entries, and paragraphs), enabling verification from contextual evidence back to the original materials.
Person	Unifies key person-name entities related to culture-loaded words, including creators of cultural sources as well as historical figures, event-related participants, or speakers mentioned in contextual evidence.
Time Period	Records temporal information for cultural sources or related persons, providing chronological cues.