What is claimed is:

1. An object classification device comprising:

a keyword determining unit that determines keywords for one or plural objects;

a keyword ordering unit that orders the plural determined keywords based on a conceptual hierarchical structure which is a structure that hierarchically represents concept of words; and

a classifying unit that classifies the objects so as to be associated with the ordered keywords, wherein

the keyword ordering unit orders the keywords in the respective hierarchies in order from a highest hierarchy of the conceptual hierarchical structure in which the plural words are arranged, based on the conceptual hierarchical structure in which a group of words associated with each word, as a subordinate concept of the word, is rearranged based on a relevance of the group of words to a word arranged in a hierarchy which is higher than the hierarchy of the group of words.

2. The object classification device according to claim 1,

wherein the keyword ordering unit orders the keywords in the respective hierarchies in order from a highest hierarchy of the conceptual hierarchical structure in which the plural words are arranged, based on the conceptual hierarchical structure in which a group of words associated with each word, as a subordinate concept of the word, is rearranged based on a relevance of the group of words to plural words arranged in a hierarchy which is one higher than the hierarchy of the group of words.

3. The object classification device according to claim 2,

wherein the keyword ordering unit orders the plural keywords so as to correspond to the arrangement order of the plural keywords in the rearranged conceptual hierarchical structure.

4. The object classification device according to any one of claims 1 to 3,

wherein the keyword determining unit determines a candidate keyword having a highest appearance frequency, as the keyword, among plural candidate keywords which are candidates of the keywords for the one or plural objects.

5. The object classification device according to claim 2,

wherein the keyword determining unit determines a candidate keyword closest to an average position, as the keyword, among plural candidate words which are candidates of the keywords for the one or plural objects, in the conceptual hierarchical structure rearranged based on positions and appearance frequencies of the respective candidate keywords in the conceptual hierarchical structure in which the plural candidate keywords are rearranged.

6. The object classification device according to claim 2,

wherein the keyword determining unit determines a word indicating a common superordinate concept of plural candidate keywords, as the keyword, in the rearranged conceptual hierarchical structure, among the plural candidate keywords which are candidates of the keywords for the one or plural objects.

7. The object classification device according to any one of claims 1 to 6, further comprising:

a table displaying unit that displays a two-dimensional table in which the ordered keywords are arranged in one of row and column of a matrix and the objects classified so as to be associated with the keywords are arranged in elements, on a display unit.

8. The object classification device according to claim 7, further comprising:

a range designating unit that designates a range including one or more objects in the two-dimensional table in response to an operation of a user,

wherein the classifying unit classifies objects similar to an object included in the range into any of the keywords, and

the table displaying unit displays the two-dimensional table in which the object included in the range and similar objects similar to the object included in the range are arranged in elements, on the display unit.

9. The object classification device according to claim 8,

wherein the classifying unit does not classify the similar objects when the keywords into which the similar objects are classified are far away from the range by a threshold or more.

10. The object classification device according to any one of claims 7 to 9,

wherein in the two-dimensional table, contexts of the object are arranged in the order based on the rearranged conceptual hierarchical structure in the other of row and column of the matrix.

11. A program causing a computer to function as:

a keyword determining unit that determines keywords for one or plural objects;

a keyword ordering unit that orders the plural determined keywords based on a conceptual hierarchical structure which is a structure that hierarchically represents concept of words; and

a classifying unit that classifies the objects so as to be associated with the ordered keywords, wherein

the keyword ordering unit orders the keywords in the respective hierarchies in order from a highest hierarchy of the conceptual hierarchical structure in which the plural words are arranged, based on the conceptual hierarchical structure in which a group of words associated with each word, as a subordinate concept of the word, is rearranged based on a relevance of the group of words to a word arranged in a hierarchy which is higher than the hierarchy of the group of words.