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A STUDY OF ASSOCIATION IN INSANITY

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PART I.

ASSOCIATION IN NORMAL SUBJECTS.

Among the most striking and commonly observed manifestations of insanity are certain disorders of the flow of utterance which appear to be dependent upon a derangement of the psychical processes commonly termed association of ideas. These disorders have to some extent been made the subject of psychological experimentation, and the object of this investigation is to continue and extend the study of these phenomena by an application of the experimental method known as the association test.

§ 1. METHOD OF INVESTIGATION.

In this investigation we have followed a modified form of the method developed by Sommer,[1] the essential feature of which is the statistical treatment of results obtained by uniform technique from a large number of cases.

[Footnote 1: Diagnostik der Geisteskrankheiten, p. 112.]

The stimulus consists of a series of one hundred spoken words, to each of which the subject is directed to react by the first word which it makes him think of. In the selection of the stimulus words, sixty-six of which were taken from the list suggested by Sommer, we have taken care to avoid such words as are especially liable to call up personal experiences, and have so arranged the words as to separate any two which bear an obviously close relation to one another. After much preliminary experimentation we adopted the following list of words:

- 01 Table
- 02 Dark
- 03 Music
- 04 Sickness
- 05 Man
- 06 Deep
- 07 Soft
- 08 Eating
- 09 Mountain
- 10 House
- 11 Black
- 12 Mutton
- 13 Comfort
- 14 Hand
- 15 Short
- 16 Fruit
- 17 Butterfly
- 18 Smooth
- 19 Command
- 20 Chair
- 21 Sweet
- 22 Whistle
- 23 Woman
- 24 Cold
- 25 Slow
- 26 Wish
- 27 River
- 28 White
- 29 Beautiful
- 30 Window
- 31 Rough
- 32 Citizen
- 33 Foot
- 34 Spider
- 35 Needle
- 36 Red
- 37 Sleep

- 38 Anger
- 39 Carpet
- 40 Girl
- 41 High
- 42 Working
- 43 Sour
- 44 Earth
- 45 Trouble
- 46 Soldier
- 47 Cabbage
- 48 Hard
- 49 Eagle
- 50 Stomach

No attempt is made to secure uniformity of external conditions for the test; the aim has been rather to make it so simple as to render strictly experimental conditions unnecessary. The test may be made in any room that is reasonably free from distracting influences; the subject is seated with his back toward the experimenter, so that he cannot see the record; he is requested to respond to each stimulus word by one word, the first word that occurs to him other than the stimulus word itself, and on no account more than one word. If an untrained subject reacts by a sentence or phrase, a compound word, or a different grammatical form of the stimulus word, the reaction is left unrecorded, and the stimulus word is repeated at the close of the test.

In this investigation no account is taken of the reaction time. The reasons for this will be explained later.

The general plan has been first to apply the test to normal persons, so as to derive empirically a normal standard and to determine, if possible, the nature and limits of normal variation; and then to apply it to cases of various forms of insanity and to compare the results with the normal standard, with a view to determining the nature of pathological variation.

## § 2. THE NORMAL STANDARD.

In order to establish a standard which should fairly represent at least all the common types of association and which should show the extent of such variation as might be due to differences in sex, temperament, education, and environment, we have applied the test to over one thousand normal subjects.

Among these subjects were persons of both sexes and of ages ranging from eight years to over eighty years, persons following different occupations, possessing various degrees of mental capacity and education, and living in widely separated localities. Many were from Ireland, and some of these had but recently arrived in this country;

others were from different parts of Europe, but all were able to speak English with at least fair fluency. Over two hundred of the subjects, including a few university professors and other highly practiced observers, were professional men and women or college students. About five hundred were employed in one or another of the New York State hospitals for the insane, either as nurses and attendants or as workers at various trades; the majority of these were persons of common school education, but the group includes also, on the one hand, a considerable number of high school graduates; and on the other hand, a few laborers who were almost or wholly illiterate. Nearly one hundred and fifty of the subjects were boys and girls of high school age, pupils of the Ethical Culture School, New York City. The remaining subjects form a miscellaneous group, consisting largely of clerks and farmers.

### § 3. THE FREQUENCY TABLES.

From the records obtained from these normal subjects, including in all 100,000 reactions, we have compiled a series of tables, one for each stimulus word, showing all the different reactions given by one thousand subjects in response to that stimulus word, and the frequency with which each reaction has occurred. [1] These tables will be found at the end of this paper.

[Footnote 1: A similar method of treating associations has been used by Cattell (*Mind*, Vol. XII, p. 68; Vol. XIV, p. 230), and more recently by Reinhold (*Zeitschr. f. Psychol.*, Vol. LIV, p. 183), but for other purposes.]

With the exception of a few distinctive proper names, which are indicated by initials, we have followed the plan of introducing each word into the table exactly as it was found in the record. In the arrangement of the words in each table, we have placed together all the derivatives of a single root, regardless of the strict alphabetical order.[1]

[Footnote 1: It should be mentioned that we have discovered a few errors in these tables. Some of these were made in compiling them from the records, and were evidently due to the assistant's difficulty of reading a strange handwriting. Other errors have been found in the records themselves. Each of the stimulus words *\_butter\_*, *\_tobacco\_* and *\_king\_* appears from the tables to have been repeated by a subject as a reaction; such a reaction, had it occurred, would not have been accepted, and it is plain that the experimenter wrote the stimulus word in the space where the reaction word should have been written. Still other errors were due to the experimenter's failure to speak with sufficient distinctness when reading off the stimulus words; thus, the reaction *\_barks\_* in response to *\_dark\_* indicates that the stimulus word was probably understood as *\_dog\_*; and the reactions *\_blue\_* and *\_color\_* in response to *\_bread\_* indicate that the stimulus

word was understood as \_red\_.]

The total number of different words elicited in response to any stimulus word is limited, varying from two hundred and eighty words in response to \_anger\_ to seventy-two words in response to \_needle\_. Furthermore, for the great majority of subjects the limits are still narrower; to take a striking instance, in response to \_dark\_ eight hundred subjects gave one or another of the following seven words: \_light, night, black, color, room, bright, gloomy;\_ while only two hundred gave reactions other than these words; and only seventy subjects, out of the total number of one thousand, gave reactions which were not given by any other subject.

If any record obtained by this method be examined by referring to the frequency tables, the reactions contained in it will fall into two classes: the \_common\_ reactions, those which are to be found in the tables, and the \_individual\_ reactions, those which are not to be found in the tables. For the sake of accuracy, any reaction word which is not found in the table in its identical form, but which is a grammatical variant of a word found there, may be classed as

\_doubtful\_.

The value of any reaction may be expressed by the figure representing the percentage of subjects who gave it. Thus the reaction, \_table--chair\_, which was given by two hundred and sixty-seven out of the total of our one thousand subjects, possesses a value of 26.7 per cent. The significance of this value from the clinical standpoint will be discussed later.

#### § 4. NORMAL ASSOCIATIONAL TENDENCIES

The normal subjects gave, on the average. 6.8 per cent of individual reactions, 1.5 per cent of doubtful ones, and 91.7 cent of common ones. The range of variation was rather wide, a considerable number of subjects giving no individual reactions at all, while a few gave over 30 per cent.[1]

[Footnote 1: In the study of the reactions furnished by our normal subjects it was possible to analyze the record of any subject only by removing it from the mass of material which forms our tables, and using as the standard of comparison the reactions of the remaining 999 subjects.]

In order to determine the influence of age, sex, and education upon the tendency to give reactions of various values, we have selected three groups of subjects for special study: (1) one hundred persons of collegiate or professional education; (2) one hundred persons of common school education, employed in one of the State hospitals as attendants, but not as trained nurses; and (3) seventy-eight children

under sixteen years of age. The reactions given by these subjects have been classified according to frequency of occurrence into seven groups: (a) individual reactions (value 0); (b) doubtful reactions (value -); (c) reactions given by one other person (value 0.1 per cent); (d) those given by from two to five others (value 0.2--0.5 per cent); (e) those given by from six to fifteen others (value 0.6-1.5 per cent); (f) those given by from sixteen to one hundred others (value 1.6--10.0 per cent); and (g) those given by more than one hundred others (value over 10.0 per cent). The averages obtained from these groups of subjects are shown in Table 1, and the figures for men and women are given separately.

TABLE I

| Value of reaction                               |        | 0    | -   | 0.1 | 0.2-0.5 | 0.6-1.5 | 1.6-10 | >10  |      |
|---|--------|------|-----|-----|---------|---------|--------|------|------|
| Sex   | Number | %    | %   | %   | %       | %       | %      | %    |      |
| of cases  |        |      |     |     |         |         |        |      |      |
| Persons of<br>collegiate<br>education           | M..    | 60   | 9.2 | 1.8 | 5.2     | 9.7     | 11.0   | 27.8 | 85.5 |
|   | F...   | 40   | 9.5 | 1.8 | 8.0     | 9.8     | 11.7   | 28.0 | 83.4 |
|   | Both   | 100  | 9.3 | 1.8 | 4.7     | 8.7     | 11.8   | 28.2 | 84.4 |
| Persons of<br>common school<br>education        | M..    | 50   | 5.8 | 1.6 | 8.6     | 8.3     | 10.2   | 81.6 | 88.7 |
|   | F..    | 50   | 4.6 | 1.8 | 8.8     | 7.1     | 9.4    | 82.0 | 42.1 |
|   | Both   | 100  | 5.2 | 1.4 | 3.5     | 7.7     | 9.8    | 81.8 | 40.4 |
| School children<br>under 16 Jr.<br>years of age | M...   | 33   | 5.9 | 0.8 | 4.2     | 8.7     | 10.0   | 28.6 | 88.5 |
|   | F..    | 45   | 5.0 | 1.0 | 4.6     | 9.8     | 11.0   | 80.1 | 36.7 |
|   | Both   | 78   | 5.7 | 1.4 | 4.6     | 9.8     | 11.2   | 29.4 | 87.4 |
| General average.                                | Both.  | 1000 | 6.8 | 1.5 |         |         |        |      |      |

It will be observed that the proportion of individual reactions given by the subjects of collegiate education is slightly above the general average for all subjects, while that of each of the other classes is below the general average. In view, however, of the wide limits of variation, among the thousand subjects, these deviations from the general average are no larger than might quite possibly occur by chance, and the number of cases in each group is so small that the conclusion that education tends to increase the number of individual reactions would hardly be justified.

It will be observed also that this comparative study does not show any considerable differences corresponding to age or sex.

With regard to the type of reaction, it is possible to select groups of records which present more or less consistently one of the following special tendencies: (1) the tendency to react by contrasts; (2) the tendency to react by synonyms or other defining terms; and (3) the tendency to react by qualifying or specifying terms. How clearly the selected groups show these tendencies is indicated by Table II. The majority of records, however, present no such tendency in a consistent way; nor is there any evidence to show that these tendencies, when they occur, are to be regarded as manifestations of

permanent mental characteristics, since they might quite possibly be due to a more or less accidental and transient associational direction. No further study has as yet been made of these tendencies, for the reason that they do not appear to possess any pathological significance.

TABLE II.

Special group values.

| Stimulus word. | Reaction word. | General value. | Contrasting group 49 |         | Defining group 73 |       | Specifying group 84 |  |
|----------------|----------------|----------------|----------------------|---------|-------------------|-------|---------------------|--|
|                |                | subjects       | subjects             |         | subjects          |       |                     |  |
|                |                | ---- % No.     | % No.                | % No.   | % No.             | % No. |                     |  |
|                | chair.....     | 26.7 25        | 51.0 11              | 15.1 10 | 11.9              |       |                     |  |
| 1. Table....{  | furniture..... | 7.5 0 0        | 13 17.8              | 4 4.8   |                   |       |                     |  |
|                | round.....     | 1.0 1          | 2.0 0 0              | 4 4.5   |                   |       |                     |  |
|                | wood.....      | 7.6 2          | 4.1 9                | 12.3 10 | 11.9              |       |                     |  |
|                | cotton.....    | 2.8 0 0        | 1 1.4                | 5 6.0   |                   |       |                     |  |
|                | easy.....      | 3.4 0 0        | 8 11.0               | 1 1.2   |                   |       |                     |  |
|                | feathers.....  | 2.4 0 0        | 1 1.4                | 5 6.0   |                   |       |                     |  |
| 7. Soft....{   | hard.....      | 36.5 34        | 69.4 14              | 19.2 18 | 21.4              |       |                     |  |
|                | silk.....      | 1.0 0 0        | 0 0                  | 2 2.4   |                   |       |                     |  |
|                | sponge.....    | 2.2 0 0        | 0 0                  | 4 4.8   |                   |       |                     |  |
|                | cloth.....     | 1.7 1          | 2.0 0 0              | 3 3.6   |                   |       |                     |  |
|                | color.....     | 12.9 0 0       | 20 27.4              | 6 7.1   |                   |       |                     |  |
| 11. Black...{  | dress.....     | 2.9 1          | 2.0 1                | 1.4 9   | 10.7              |       |                     |  |
|                | ink.....       | 1.4 0 0        | 1 1.4                | 4 4.8   |                   |       |                     |  |
|                | white.....     | 33.9 31        | 63.3 17              | 23.3 18 | 21.4              |       |                     |  |
|                | desire.....    | 19.7 7         | 14.3 21              | 28.8 10 | 11.9              |       |                     |  |
| 26. Wish....{  | longing.....   | 1.9 1          | 2.0 6                | 8.2 2   | 2.4               |       |                     |  |
|                | money.....     | 3.2 0 0        | 1 1.4                | 3 3.6   |                   |       |                     |  |
|                | flowers.....   | 4.2 0 0        | 1 1.4                | 7 8.3   |                   |       |                     |  |
|                | girl.....      | 2.4 0 0        | 0 0                  | 5 0.0   |                   |       |                     |  |
| 29. Beau-      | homely.....    | 2.7 3          | 6.1 0 0              | 0 0     |                   |       |                     |  |
| tiful..{       | lovely.....    | 6.4 2          | 4.1 7                | 9.6 2   | 2.4               |       |                     |  |
|                | pleasing.....  | 1.6 0 0        | 3 4.1                | 0 0     |                   |       |                     |  |
|                | sky.....       | 1.6 0 0        | 0 0                  | 3 3.6   |                   |       |                     |  |
|                | ugly.....      | 6.6 13         | 26.5 3               | 4.1 0   | 0                 |       |                     |  |
|                | court.....     | 6.4 2          | 4.1 5                | 6.8 10  | 11.9              |       |                     |  |
| 56. Justice.{  | injustice..... | 2.6 6          | 12.2 1               | 1.4 0   | 0                 |       |                     |  |
|                | right.....     | 15.7 3         | 6.1 20               | 27.4 13 | 15.5              |       |                     |  |
|                | comfort.....   | 2.6 0 0        | 5 6.8                | 1 1.2   |                   |       |                     |  |
|                | disease.....   | 0.9 2          | 4.1 0 0              | 1 1.2   |                   |       |                     |  |
| 59. Health..{  | good.....      | 9.4 2          | 4.1 8                | 11.0 18 | 21.4              |       |                     |  |

sickness..... 15.3 23 46.9 6 8.2 1 1.2  
strength..... 11.2 2 4.1 12 16.4 4 4.8

arrow..... 1.3 0 0 0 0 2 2.4  
fast..... 22.2 0 0 25 34.2 15 17.9  
horse..... 2.8 1 2.0 1 1.4 6 7.1

65. Swift...{ quick..... 11.7 1 2.0 22 30.1 2 2.4  
run..... 1.9 0 0 0 0 4 4.8  
runner..... 1.3 0 0 0 0 1 1.2  
slow..... 19.0 30 61.2 2 2.7 4 4.8  
speed..... 2.9 1 2.0 5 6.8 0 0

disagreeable.... 1.0 0 0 2 2.7 0 0  
distasteful..... 1.0 0 0 4 5.5 0 0  
gall..... 4.2 0 0 2 2.7 8 9.5

76. Bitter..{ medicine..... 3.7 0 0 0 0 3 3.6  
quinine..... 2.3 0 0 0 0 6 7.1  
sweet..... 30.5 31 63.3 8 11.0 12 14.3  
taste..... 6.6 1 2.0 17 23.3 3 3.6

bread..... 20.6 17 34.7 4 5.5 18 21.4

eatable..... 1.2 0 0 9 12.3 0 0

81. Butter..{ food..... 6.3 1 2.0 14 19.2 3 3.6  
sweet..... 1.2 0 0 0 0 3 3.6  
yellow..... 8.0 0 0 0 0 18 21.4

gladness..... 4.4 0 0 7 9.6 1 1.2  
grief..... 1.8 4 8.2 0 0 0 0

86. Joy.....{ pleasure..... 12.1 1 2.0 13 17.8 7 8.3  
sadness..... 1.3 2 4.1 0 0 0 0  
sorrow..... 13.5 23 46.9 2 2.7 2 2.4

## § 5. PRACTICAL CONSIDERATIONS.

This method is so simple that it requires but little training on the part of the experimenter, and but little co-operation on the part of the subject. It is not to be assumed that every reaction obtained by it is a true and immediate association to the corresponding stimulus word; but we have found it sufficient for the purpose of the test if the subject can be induced to give, in response to each stimulus word, any one word other than the stimulus word itself. No attempt is made to determine the exact degree of co-operation in any case.

In the early stages of this investigation the reaction time was regularly recorded. The results showed remarkable variations, among both normal and insane subjects. In a series of twenty-five tests, made more recently upon normal subjects, ninety reactions occupied more than ten seconds, and fifty-four of the stimulus words elicited a

ten-second response from at least one subject.[1]

[Footnote 1: These tests were made by Dr. F. Lyman Wells, of the McLean Hospital, Waverley, Mass., and he has kindly furnished these data.]

It is noteworthy that these extremely long intervals occur in connection with reactions of widely differing values. That they are by no means limited to individual reactions is shown in Table III. by a group of selected reactions, all given by normal subjects.

TABLE III.

| Word combination   | Reaction time<br>in seconds. | Value of<br>reaction. |
|--------------------|------------------------------|-----------------------|
| comfort--happiness | 20                           | 5.0%                  |
| short--long        | 11                           | 27.9%                 |
| smooth--plane      | 16                           | 2.3%                  |
| woman--lady        | 40                           | 4.1%                  |
| hard--iron         | 12                           | 2.4%                  |
| justice--judge     | 20                           | 9.1%                  |
| memory--thought    | 20                           | 8.1%                  |
| joy--pleasure      | 18                           | 12.1%                 |

It is apparent, even from a superficial examination of the material, that the factors which cause variations of reaction time, both in the normal state and in pathological states, are numerous and complex.

It has been the purpose of this study to establish as far as possible strictly objective criteria for distinguishing normal from abnormal associations, and for this reason we have made no attempt to determine by means of introspection the causes of variations of reaction time.

It would seem that the importance and magnitude of the problem of association time are such as to demand not merely a crude measurement of the gross reaction time in a large number of cases, but rather a special investigation by such exact methods as have been used by Cattell [1] and others in the analysis of the complex reaction. It would be impracticable for us to employ such methods in a study so extensive as this.

[Footnote 1: Mind, Vol. XI, 1886.]

In view of these considerations we discontinued the recording of the reaction time.

If the association test is to be useful in the study of pathological conditions, it is of great importance to have a reliable measure of the associational value of a pair of ideas. Many attempts have been made to modify and amplify the classical grouping of associations according to similarity, contrast, contiguity, and sequence, so as to

make it serviceable in differentiating between normal and abnormal associations.

In this study we attempted to apply Aschaffenburg's [1] classification of reactions, but without success. Our failure to utilize this system of classification is assigned to the following considerations: (1) Distinctions between associations according to logical relations are extremely difficult to define; in many cases there is room for difference of opinion as to the proper place for an association, and thus the application of a logical scheme depends largely upon the personal equation of the observer; that even experienced observers cannot, in all cases, agree in placing an association is shown by Aschaffenburg's criticisms of the opinions of other observers on this point.[2] (2) Logical distinctions do not bring out clearly the differences between the reactions of normal subjects and those of insane subjects; logically, the reaction `_bath--ink_`, which was given by a patient, might be placed in the class with the reaction `_bath--water_`, although there is an obvious difference between the two reactions. (3) Many of the reactions given by insane subjects possess no obvious logical value whatever; but since any combination of ideas may represent a relationship, either real or imagined, it would be arbitrary to characterize such a reaction as incoherent.

[Footnote 1: Experimentelle Studien über Association. Psychologische Arbeiten, Vol. I, p. 209; Vol. II, p. 1; Vol. IV, p. 235.]

[Footnote 2: Loc. cit, Vol. 1, pp. 226-227.]

The criterion of values which is used in this study is an empirical one. As has already been explained (p. 8), every word contained in the frequency tables possesses a value of at least 0.1 per cent, and other words have a zero value. With the aid of our method the difficulty of classifying the reactions quoted above is obviated, as it is necessary only to refer to the table to find their proper values: the value of the reaction `_bath--water_` is 33.9 per cent, while that of the reaction `_bath--ink_` is 0.

Logically the combination `_health--wealth_` may be placed in any one of four classes, as follows:

```
          / intrinsic / causal dependence
health--wealth /          \ coordination
          \
          \ extrinsic / speech reminiscence
                \ sound similarity
```

But since our table shows this association to have an empirical value of 7.6 per cent, it becomes immaterial which of its logical relations is to be considered the strongest. It is mainly important, from our point of view, to separate reactions possessing an empirical value from those whose value is zero.

## § 6. AN EMPIRICAL PRINCIPLE OF NORMAL ASSOCIATION.

On a general survey of the whole mass of material which forms the basis of the first part of this study, we are led to observe that \_the one tendency which appears to be almost universal among normal persons is the tendency to give in response to any stimulus word one or another of a small group of common reactions\_.

It appears from the pathological material now on hand that this tendency is greatly weakened in some cases of mental disease. Many patients have given more than 50 per cent of individual reactions.

It should be mentioned that occasionally a presumably normal subject has given a record very similar to those obtained from patients, in respect to both the number and the nature of the individual reactions. A few subjects who gave peculiar reactions were known to possess significant eccentricities, and for this reason we excluded their records from the thousand records which furnished the basis for the frequency tables; we excluded also a few peculiar records obtained from subjects of whom nothing was known, on the ground that such records would serve only to make the tables more cumbersome, without adding anything to their practical value. The total number of records thus excluded was seventeen.

It will be apparent to anyone who examines the frequency tables that the reactions obtained from one thousand persons fall short of exhausting the normal associational possibilities of these stimulus words. The tables, however, have been found to be sufficiently inclusive for the practical purpose which they were intended to serve. Common reactions, whether given by a sane or an insane subject, may, in the vast majority of instances, safely be regarded as normal. As to individual reactions, they cannot all be regarded as abnormal, but they include nearly all those reactions which are worthy of special analysis in view of their possible pathological significance. What can be said further of individual reactions, whether normal or abnormal, will appear in the second part of this contribution.

## PART II.

### ASSOCIATION IN INSANE SUBJECTS.

#### § 1. GENERAL SURVEY OF PATHOLOGICAL MATERIAL.

The pathological material which forms the basis of the present part of our study consists mainly of two hundred and forty-seven test records obtained for the most part from patients at the Kings Park State Hospital.

The different groups from which the cases were selected, together with the number from each group, are shown in Table I.

TABLE I.

|                           |            |
|---------------------------|------------|
| Dementia praecox          | 108 cases. |
| Paranoic conditions       | 33 "       |
| Epilepsy                  | 24 "       |
| General Paresis           | 32 "       |
| Manic-depressive insanity | 32 "       |
| Involuntary melancholia   | 8 "        |
| Alcoholic psychoses       | 6 "        |
| Senile dementia           | 4 "        |

A comparison of our pathological with our normal material \_en masse\_ reveals in the former evidence of a weakening of the normal tendency to respond by common reactions. This is shown in Table II.

TABLE II.

|                      | Common reactions. | Doubtful reactions. | Individual reactions. |
|----------------------|-------------------|---------------------|-----------------------|
| 1,000 normal subject | 91.7%             | 1.5%                | 6.8%                  |
| 247 insane subjects  | 70.7%             | 2.5%                | 26.8%                 |

It seems evident from this that pathological significance attaches mainly to individual reactions, so that our study resolves itself largely into (1) an analysis and classification of individual reactions and (2) an attempt to determine what relationship, if any, exists between the different types of reactions and the different clinical forms of mental disease.

## § 2. CLASSIFICATION OF REACTIONS.

Those who have attempted to use the association test in the study of insanity have felt the need of a practical classification of reactions, and have at the same time encountered the difficulty of establishing definite criteria for distinguishing the different groups from one another. It is a comparatively simple matter to make these

distinctions in a general way and even to formulate a more or less comprehensive theoretical classification, but there still remains much difficulty in practice. We have made repeated attempts to utilize various systems of classification which involve free play of personal equation in their application. Although for us the matter is greatly simplified by the elimination of all the common reactions with the aid of the frequency tables, we have nevertheless met with no success. The distinctions made by either of us have on no occasion fully satisfied, at the second reading, either the one who made them or the other, while a comparison of the distinctions made by each of us independently has shown a disagreement to the extent of 20-35 per cent.

We sought, therefore, to formulate a classification in which the various groups should be so defined as to obviate the interference of personal equation in the work of applying it, hoping thus to achieve greater accuracy. In this we can lay claim to only partial success; for, in the first place, having satisfactorily defined a number of groups, we found it necessary in the end to provide a special group for unclassified reactions, into which falls more than one-third of the total number of individual reactions; and, in the second place, in at least two of our groups the play of personal equation has not been entirely eliminated, so that there is still a possibility of error to the extent of five per cent of individual reactions, which means approximately one per cent of the total number of reactions. We have found, however, that in spite of these shortcomings the classification here proposed is more serviceable than others which, though more comprehensive, are at the same time lacking in definiteness.

Our classification consists of the following classes, groups and subdivisions:

I. \_Common reactions.\_

1. Specific reactions.
2. Non-specific reactions.

II. \_Doubtful reactions.\_

III. \_Individual reactions.\_

1. Normal reactions.
2. Pathological reactions:
  - A. Derivatives of stimulus words.
  - B. Partial dissociation:
    - (a) Non-specific reactions.
    - (b) Sound reactions:
      - a. Words.
      - b. Neologisms.
    - (c) Word complements.
    - (d) Particles of speech.
  - C. Complete dissociation:
    - (a) Perseveration:
      - a. Association to preceding stimulus.
      - b. Association to preceding reaction.

- c. Repetition of preceding stimulus.
  - d. Repetition of previous stimulus.
  - e. Repetition of preceding reaction.
  - f. Repetition of previous reaction.
  - g. Reaction repeated five times (stereotypy).
- (b) Neologisms without sound relation.
3. Unclassified.

### § 3. NON-SPECIFIC REACTIONS; DOUBTFUL REACTIONS.

\*Non-specific Reactions.\*--It has already been intimated that common reactions are in the vast majority of instances to be regarded as normal. From amongst them, however, a fairly definite group can be separated out which seems to possess some pathological significance, namely, the group which we have termed non-specific.

In this group are placed words which are so widely applicable as to serve as more or less appropriate reactions to almost any of our stimulus words. That such reactions are in value inferior to the remaining group of common reactions, which we have termed, in contradistinction, \_specific reactions\_, is perhaps sufficiently obvious; we shall speak later, however, of their occurrence in both normal and insane cases.

It is not always easy to judge whether or not a given reaction should be classed as non-specific. A study of our material made with special reference to this type of reactions has enabled us to select the following list of words, any of which, occurring in response to any stimulus word, is classed as a non-specific reaction:

article, articles  
 bad  
 beautiful, beauty  
 fine  
 good, goodness  
 great  
 happiness, happy  
 large  
 man  
 necessary, necessity  
 nice

object (noun)  
 people  
 person  
 pleasant, pleasantness, pleasing, pleasure  
 pretty  
 small  
 thinking, thought, thoughts  
 unnecessary

unpleasant  
use, used, useful, usefulness, useless, uselessness, uses, using  
woman  
work

It should be mentioned that some of these words occur as reactions to one or several stimulus words with such frequency (\_citizen--man\_, value 27.8 per cent; \_health--good\_, value 9.4 per cent) as to acquire in such instances a value as high as that of strictly specific reactions.

\*Doubtful Reactions\* have already been defined (p.40): any reaction word which is not found in the table in its identical form, but which is a grammatical variant or derivative of a word found there, is placed in this group.

#### § 4. INDIVIDUAL REACTIONS; EXPLANATION OF GROUPS AND METHODS OF APPLICATION.

\*Normal Reactions.\*--Inasmuch as the frequency tables do not exhaust all normal possibilities of reaction, a certain number of reactions which are essentially normal are to be found among the individual reactions. In order to separate these from the pathological reactions, we have compiled an appendix to the frequency tables, consisting mainly of specific definitions of groups of words to be included under each stimulus word in our list. This appendix will be found at the end of this paper.

A word of explanation is perhaps due as to the manner in which the appendix has been compiled. It was developed in a purely empirical way, the basis being such individual reactions, given by both normal and insane subjects, as seemed in our judgment to be obviously normal.

It must be acknowledged that the appendix falls short of all that might be desired. In the first place, its use involves to some slight extent the play of personal equation, and it therefore constitutes a source of error; in the second place, it is in some respects too inclusive while in other respects it is not sufficiently so. However, the error due to personal equation is slight; the inclusion of certain "far-fetched" or even frankly pathological reactions may be discounted by bearing in mind that the general value of this group is not equal to that of the group of common reactions; and the number of strictly normal reactions which are not included is after all small. Our experience has shown us that the appendix constitutes an important aid in the analysis of individual reactions.

\*Pathological Reactions. Derivatives of Stimulus Words.\*--We place here any reaction which is a grammatical variant or derivative of a stimulus word. The tendency to give such reactions seems to be dependent upon a suspension or inhibition of the normal process by

which the stimulus word excites the production of a new concept, for we have here not a production of a new concept but a mere change in the form of the stimulus word. As examples of such reactions may be mentioned: \_eating--eatables\_, \_short--shortness\_, \_sweet--sweetened\_, \_quiet--quietness\_.

**\*Partial Dissociation.\***--We have employed the term dissociation to indicate a rupture of that bond--whatever be its nature--which may be supposed to exist normally between stimulus and reaction and which causes normal persons to respond in the majority of instances by common reactions. And we speak of partial dissociation where there is still an obvious, though weak and superficial, connection. Under this heading we can differentiate four types:

**\*Non-specific Reactions\*** have already been defined; we distinguish those in this class from those in the class of common reactions by means of the frequency tables.

**\*Sound Reactions.\***--This type requires no explanation; the main difficulty is to decide what degree of sound similarity between stimulus and reaction should be deemed sufficient for placing a reaction under this heading. The total number of different sounds used in language articulation is, of course, small, so that any two words are liable to present considerable chance similarity. Some time ago we estimated the average degree of sound similarity between stimulus words and reaction words in a series of one hundred test records obtained from normal persons; we found that on the average 14.53 per cent of the sounds of the stimulus words were reproduced, in the same order, in the reaction word. Our experience finally led us to adopt the following general rule: A reaction is to be placed under this heading when fifty per cent of the sounds of the shorter word of the pair are identical with sounds of the longer word and are ranged in the same order.

Among sound reactions we occasionally find **\*neologisms\***; for these a separate heading is provided. Possibly their occurrence may be taken as an indication of an exaggerated tendency to respond by sound reactions.

**\*Word Compliments.\***--Here we include any reaction which, added to the stimulus word, forms a word, a proper name, or a compound word in common use.

**\*Particles of Speech.\***--Under this heading we include articles, numerals, pronouns, auxiliary verbs, adverbs of time, place and degree, conjunctions, prepositions, and interjections.

**\*Complete Dissociation.\***--Here are included reactions which appear to be entirely unrelated to the corresponding stimulus words; in the case of such reactions the stimulus words seem to act, as Aschaffenburg has pointed out, merely as signals for discharge. This subdivision contains several types of reactions which seem to be dependent upon the phenomenon of perseveration; it contains also the

rather important type of neologisms.

The phenomenon of \*preservation\* occurs in cases in which one may observe an abnormal immobility of attention. To react normally to a series of stimulus words requires on the part of the subject, in the first place, a certain alertness in order that he may grasp quickly and clearly the meaning of each word, and, in the second place, a prompt shifting of the mind from one reaction to the next. When such mental mobility is lacking the subject is liable to react not by a response adjusted to the stimulus word, but either by repeating a previous stimulus or reaction, or by giving a word associated to the preceding stimulus or reaction.

The names of the different types of reactions included under the heading of perseveration are sufficiently descriptive; we shall here refer only to those which require further definition.

\*Association to Preceding Stimulus.\*--Here is placed any reaction that is shown by the frequency tables to be related to the stimulus preceding the one in question. Seeming or even obvious relationship, if not established by reference to the frequency tables, is disregarded. In the tables, however, the combination may not exist in direct order but only in reverse order, in which case the reaction is included here. The following examples may serve as illustrations:

\_thief--night\_  
\_lion--pocket-book\_

\_Lion--pocket-book\_ is not found in the frequency tables, and is, therefore, an individual reaction; \_thief--pocket-book\_, however, is found there; \_pocket-book\_ is, therefore, classed in this case as an association to preceding stimulus.

\_table--fork\_  
\_dark--mutton\_

\_Dark--mutton\_ is not found in the frequency tables; \_table--mutton\_ is also not found there in the direct order, but is found in the reverse order, viz.: \_mutton--table; mutton\_ is, therefore, classed in this case as an association to preceding stimulus.

\*Association to Preceding Reaction.\*--If either the reaction in question or the preceding reaction happens to be one of the stimulus words in our list, and a relationship between the two be found to exist by reference to the frequency tables--whether in direct or in reverse order--the reaction in question is classed as an association to preceding reaction. This is illustrated by the following examples:

\_eating--table\_  
\_mountain--floor\_

\_Mountain--floor\_ is an individual reaction; \_table--floor\_

is found in the frequency tables; \_floor\_ is, therefore, classed as an association to preceding reaction.

\_beautiful--flowers\_  
\_window--red\_

\_Window--red\_ is an individual reaction; \_red--flowers\_ is found in the frequency tables; therefore, \_red\_ is classed as an association to preceding reaction.

In cases in which neither the reaction in question nor the preceding reaction happens to be one of our stimulus words, but a relationship between them may be judged to exist without considerable doubt, the reaction in question is also classed here. Example:

\_priest--father\_  
\_ocean--mother\_

\_Ocean--mother\_ is an individual reaction; neither the word \_father\_ nor the word \_mother\_ is among our stimulus words; but the association between the words \_father\_ and \_mother\_ may be judged to exist without considerable doubt; therefore, in this case \_mother\_ is classed as an association to preceding reaction.

In such cases as this personal equation must necessarily come into play; comparative uniformity of judgment may, however, be attained by systematically excluding any reaction the relationship of which to the preceding reaction is subject to any considerable doubt and by placing any such reaction in the unclassified group.

**\*Repetition of Previous Stimulus.\***--Here we place any reaction which is a repetition of any previous stimulus from amongst the ten next preceding, at the same time placing **\*repetition of preceding stimulus\*** under a separate heading.

**\*Neologisms.\***--Here we place the newly coined words, so commonly given by the insane, excepting such as possess a sound relationship to the stimulus word, for which, as already stated, a special place in the classification has been provided.

Neologisms might be divided into three types, as follows: (1) those which arise from ignorance of language (\_comfort--uncomfort, short--diminiature\_); (2) distortions of actual words, apparently of pathological origin and not due to ignorance (\_hungry--foodation, thief--dissteal\_); and (3) those which seem to be without any meaning whatever (\_scack, gehimper, hanrow, dicut\_). It is, however, impossible to draw clear-cut distinctions between these types, and for this reason we have made no provision in our classification for such division.

**\*Unclassified Reactions.\***--This group is important, in the first place, because it is numerically a large one, and in the second place,

because it contains certain fairly definite types of reactions which are placed here for the sole reason that we have not been able to find strictly objective criteria for their differentiation from other types.

It has already been stated that the frequency tables, even together with the appendix, fail to exhaust all normal possibilities of association, so that a certain small number of perfectly normal reactions must fall into the unclassified group. We submit the following examples:

\_music--listen\_  
\_smooth--suave\_  
\_sour--curdled\_  
\_earth--mound\_

Another type of reactions found in the unclassified group, though also normal, yet not obviously so until explained by the subject, is represented by those which originate from purely personal experiences, such as the following, given by normal subjects:

\_blossom--T.....\_  
\_hammer--J.....\_

The first of these reactions is explained by the subject's acquaintance with a young lady, Miss T...., who has been nick-named "Blossom," and the second is explained by the subject's having among her pupils at school a boy by the name of J.... Hammer.

It would be difficult to estimate the proportion of such reactions in the unclassified group, but we have gained the general impression that it is small. An attempt to place them in a separate group could be made only with the aid of explanations from the subjects; such aid in the case of insane subjects is generally unreliable. Moreover, to class these reactions as strictly normal would perhaps be going too far, since their general value is obviously inferior to that of the common reactions; and in any case in which they are given in unusually large numbers they must be regarded as manifestation of a tendency to depart from the normal to the extent to which they displace common reactions. The next type of reactions met with in the unclassified group is characterized by a peculiarly superficial, or non-essential, or purely \_circumstantial\_ relationship to the stimulus. Such reactions, though occasionally given by normal subjects, are more often given by insane ones, and seem to be somewhat characteristic of states of mental deterioration which are clinically rather loosely described as puerilism. We offer the following examples, given by normal subjects:

\_music--town\_  
\_sickness--summer\_  
\_child--unknown\_  
\_house--enter\_

Still another type of reactions to be considered in this connection consists of words which are in no way related to the corresponding stimulus words, but which arise from \_distraction\_ of the subject by surrounding objects, sounds, and the like. In some cases the experimenter may be able to judge from the direction of the subject's gaze, from a listening attitude, and so on, that certain reactions are due to distraction. In other cases, particularly in cases of normal subjects, the fact that certain reactions are due to distraction may be determined by questioning the subject on this point immediately after making the test; In work with insane subjects, as we have several times had occasion to point out, such aid is generally not available.

The group of unclassified reactions includes also one more type of reactions which are of great importance both numerically and otherwise. These are the \*incoherent reactions\*, that is to say, reactions which are determined neither by the stimulus words, nor by the agency of perseveration, nor by distraction.

Although the occurrence of incoherent reactions is hardly subject to doubt, yet in no instance is it possible to establish with certainty that a given reaction is of this type, for in no instance can a remote, or an imagined, or a merely symbolic relationship between stimulus and reaction be positively excluded. Some, indeed, would assert that some such relationship must necessarily exist in every instance, at least in the domain of the subconscious. This circumstance necessitates the placing of this type of reactions in the unclassified group.

In practice it may be found advisable in some cases to analyze the unclassified reactions with a view to ascertaining to what extent each of the various types is represented among them. But one here treads on slippery ground, and one must be continually warned against the danger of erroneous conclusions.

## § 5. ORDER OF PREFERENCE.

After having developed the classification here proposed we found that there was still considerable room for difference of opinion in the placing of many reactions, owing to the circumstance that in many cases a reaction presents features which render it assignable under any one of two or more headings. To leave the matter of preference in grouping: to be decided in each case according to the best judgment of the experimenter would mean introducing again the play of personal equation, and would thus court failure of all our efforts to accomplish a standardization of the association test. Therefore, the necessity of establishing a proper order of preference for guidance in the application of the classification became to us quite apparent.

In the arrangement of the order of preference we were guided mainly by

two principles, namely: (i) as between two groups of unequal definition, the one which is more clearly defined and which, therefore, leaves less play for personal equation is to be preferred; (2) as between two groups of equal definition, the one which possesses the greater pathological significance is to be preferred. In accordance with these principles we have adopted the order of preference shown in Table III., placing every reaction under the highest heading on the list under which it may be properly classed.

TABLE III

1. Non-specific (common).
2. Doubtful reactions.  
INDIVIDUAL REACTIONS.
3. Sound reactions (neologisms).
4. Neologisms without sound relation.
5. Repetition of preceding reaction.
6. Reaction repeated five times.
7. Repetition of preceding stimulus.
8. Derivatives.
9. Non-specific reactions.
10. Sound reactions (words).
11. Word complements.
12. Particles of speech.
13. Association to preceding stimulus.
14. Association to preceding reaction (by frequency tables).
15. Repetition of previous reaction.
16. Repetition of previous stimulus.
17. Normal (by appendix).
18. Association to preceding reaction (without frequency tables).
19. Unclassified.

#### § 6. ERRORS INVOLVED IN THE USE OF ARBITRARY OBJECTIVE STANDARDS.

It may readily be seen that such definiteness and uniformity as this classification possesses results from the introduction of more or less arbitrary criteria for the differentiation of the various types of reactions. The question might arise, To what extent do the distinctions thus made correspond to reality? To consider, for instance, our rule for the placing of sound reactions (50 per cent of the sounds of the shorter word to be present, in the same order, in the other word): when a given reaction (\_man--minstrel\_) is in accordance with the rule assigned under the heading of sound reactions, can it be assumed that sound similarity and not some other relationship is the determining factor of the association in question? Or when in a given instance (\_cabbage--cobweb\_) the sound similarity falls somewhat short of the standard required by the rule, can it be assumed that sound similarity is not, after all, the determining factor?

Similar questions may, of course, arise in connection with other subdivisions.

It must, indeed, be conceded that objective methods can reveal but indirectly and with uncertainty the inner mechanism which produces any association and that in any given instance it would be impossible to establish the correctness of grouping in accordance with such

methods. However, to decide that question for any given reaction is really not necessary in practice, since an error made through wrongly placing one, two, or three reactions under any heading is of no significance; the types acquire importance only when represented by large numbers in a record under consideration; and when many reactions fall under a single heading the likelihood of error, as affecting the record as a whole, is by that fact alone greatly reduced.

The whole question might more profitably be approached from another point of view: To what extent are the distinctions of this classification useful? An answer to this question can be found only in the results.

## § 7. ANALYSIS OF PATHOLOGICAL MATERIAL

We present in Table IV, the results of a statistical examination of the records obtained from certain groups of normal subjects and from some groups of insane subjects.

The normal groups have been studied for the purpose of determining the frequency and manner of occurrence among normal subjects of the various of abnormal reactions. It seemed best for this purpose to consider separately the records of those subjects who gave an unusually large number of individual reactions. Fifty-three records containing fifteen or more individual reactions were found after a fairly diligent search among our normal test records. In the other groups of subjects--persons of common school education, persons of collegiate education, and children--we included no records containing more than ten individual reactions.

The more striking departures from average normal figures are indicated in the table by the use of heavy type.

This table reveals associational tendencies as occurring in connection with the psychoses studied. A better insight into the nature of these tendencies can be gained by a special analysis of the test of each clinical group.



- B. Average per cent of all reactions.
- C. Average per cent of individual reactions.

66 normal subjects, collegiate education; records containing not over 10 individual reactions.

- D. Median per cent of all reactions.
- E. Average per cent of all reactions.
- F. Average per cent of individual reactions.

46 normal subjects, school children; records containing not over 10 individual reactions.

- G. Median per cent of all reactions.
- H. Average per cent of all reactions.
- I. Average per cent of individual reactions.

53 normal subjects; records containing not under 15 individual reactions.

- J. Median per cent of all reactions.
- K. Average per cent of all reactions.
- L. Average per cent of individual reactions.

108 cases of dementia praecox.

- M. Median per cent of all reactions.
- N. Average per cent of all reactions.
- O. Average per cent of individual reactions.

33 cases of paranoic conditions.

- P. Median per cent of all reactions.
- Q. Average per cent of all reactions.
- R. Average per cent of individual reactions.

24 cases of epilepsy.

- S. Median per cent of all reactions.
- T. Average per cent of all reactions.
- U. Average per cent of individual reactions.

32 cases of general paresis.

- V. Median per cent of all reactions.
- W. Average per cent of all reactions.
- X. Average per cent of individual reactions.

32 cases of manic-depressive insanity.

- Y. Median per cent of all reactions.
- Z. Average per cent of all reactions.
- AA. Average per cent of individual reactions.

While almost every type of individual reactions shows here an increase over the normal averages, the most striking increases are shown by the table to be in the groups of unclassified reactions, neologisms, sound reactions, and some types of perseveration. A further examination of the individual test records shows that there is no uniformity of associational tendencies in this clinical group, but that several tendencies are more or less frequently met with either alone or in various combinations. Yet some of these tendencies, when appearing at all prominently, are so highly characteristic of dementia praecox as to be almost pathognomonic. Among these may be mentioned: (1) the tendency to give neologisms, particularly those of the senseless type; (2) the tendency to give unclassified reactions largely of the incoherent type; and (3) the tendency toward stereotypy manifested chiefly by abnormally frequent repetitions of the same reaction. Fairly characteristic also is the occasional tendency to give sound reactions. Again, occasionally one encounters pronounced perseveration, and at least two of our subjects gave a good many unclassified reactions obviously due to distraction.

It must be noted that not infrequently cases of dementia praecox give test records that cannot be distinguished from normal. It seems that the pathological associational tendencies constitute merely a special group of symptoms, some of which may be expected to be manifest in cases which have reached a state of advanced mental deterioration, but may not necessarily be present in the early stages of the disease. On the other hand there is evidence to show that these tendencies may in some cases appear among the earliest manifestations. This matter will be referred to again.

Thus the test records of dementia praecox depart from the normal not sharply but by a gradual shading off. We find similar gradual transitions between dementia praecox and other psychoses. For this work we selected cases in which the diagnoses were established with reasonable certainty. Whether or not in cases of doubtful clinical classification this association test may be of aid in determining the diagnosis, is a question that must for the present remain open.

We submit herewith copies of test records. The numbers which appear after the reactions indicate in each case the reaction type, in accordance with Table III. (p. 27); common specific reactions are not numbered.

CASE No. 4752.--H.J. Neologisms; some unclassified reactions, mostly incoherent.

Table--meadow.....19

Dark--black.....

Music--sweet.....

Sickness--dead..... 2

Man--manion..... 3  
Deep--near.....19  
Soft--sooner.....19  
Eating--formble..... 4  
Mountain--gair..... 4  
House--temble..... 4  
Black--benched..... 4  
Mutton--ranched..... 4  
Comfort--bumble..... 4  
Hand--semble..... 4  
Short--simber..... 4  
Fruit--narrow.....13  
Butterfly--Ben.....19  
Smooth--gum.....19  
Command--bramble.....19  
Chair--low.....  
Sweet--temper.....19  
Whistle--bensid..... 4  
Woman--hummary..... 4  
Cold--gunst..... 4  
Slow--bemper..... 4  
Wish--tip.....19  
River--gumper..... 4  
White--Andes.....19  
Beautiful--giinper.... 4  
Window--hummer..... 4  
Rough--geep..... 4  
Citizen--humper..... 4  
Foot--zuper..... 4  
Spider--gumper..... 4  
Needle--himper..... 4  
Red--gumper..... 4  
Sleep--moop..... 4  
Anger--rumble.....19  
Carpet--slamper..... 4  
Girl--Mnker..... 4  
High--bumper..... 4  
Working--gumpip..... 4  
Sour--imper..... 4  
Earth--gumper..... 4  
Trouble--humper..... 4  
Soldier--guipper..... 4  
Cabbage--phar..... 4  
Hard--her.....12  
Eagle--damnornott.... 4  
Stomach--dumper..... 4  
Stem--gumper..... 4  
Lamp--huntenit..... 4  
Dream--hungnot..... 4  
Yellow--bampir..... 4  
Bread--gumper..... 4  
Justice--sidnerber.... 4  
Boy--eeper..... 4

Light--huntznit..... 4  
Health--geeper..... 4  
Bible--himpier..... 4  
Memory--hummer.....19  
Sheep--hunner..... 4  
Bath--bemnitper..... 4  
Cottage--gumper..... 4  
Swift--dumper..... 4  
Blue--dipper.....19  
Hungry--hummer..... 3  
Priest--rump.....19  
Ocean--himmer..... 4  
Head--hiniper..... 4  
Stove--gamper..... 4  
Long--humble.....19  
Religion--gumper..... 4  
Whiskey--numper..... 4  
Child--himmer..... 4  
Bitter--gehimper..... 3  
Hammer--gueep..... 4  
Thirsty--humper..... 4  
City--deeper.....19  
Square--bummer..... 4  
Butter--bimper..... 3  
Doctor--harner..... 4  
Loud--harner..... 4  
Thief--himmer..... 4  
Lion--humor.....19  
Joy--gumpier..... 4  
Bed--hoomer..... 4  
Heavy--doomer..... 4  
Tobacco--per.....12  
Baby--hoomer..... 4  
Moon--gumper..... 4  
Scissors--gumper..... 4  
Quiet--humper..... 4  
Green--gueet..... 3  
Salt--rummer..... 4  
Street--numper..... 4  
King--himper..... 4  
Cheese--guinter..... 4  
Blossom--yunger..... 4  
Afraid--yunger..... 4

CASE No. 5183.--G. D. Neologisms; numerous unclassified reactions,  
mostly incoherent; some sound neologisms.

Table--muss.....19  
Dark--gone.....19  
Music--caffa..... 4  
Sickness--monk.....19  
Man--boy.....

Deep--lesson.....19  
Soft--ness..... 4  
Eating--pie.....  
Mountain--Gus.....19  
House--muss.....15  
Black--court.....19  
Mutton--beef.....  
Comfort--ness..... 4  
Hand--koy..... 4  
Short--ness..... 4  
Fruit--dalb..... 4  
Butterfly--flack..... 4  
Smooth--mess.....19  
Command--cork.....19  
Chair--ness..... 4  
Sweet--Bess.....17  
Whistle--toy.....  
Woman--girl.....  
Cold--cork.....15  
Slow--mass.....19  
Wish--veil..... 4  
River--mouth.....17  
White--cast.....17  
Beautiful--ness..... 4  
Window--crow.....19  
Rough--ratter.....19  
Citizen--zide..... 4  
Foot--malloy..... 4  
Spider--straw.....19  
Needle--cast.....15  
Red--Roman.....19  
Sleep--scack..... 4  
Anger--gois..... 4  
Carpet--noise.....13  
Girl--call.....18  
High--hort..... 4  
Working--kaffir.....19  
Sour--romerscotters... 4  
Earth--bell.....19  
Trouble--tramine..... 4  
Soldier--gas.....19  
Cabbage--cor..... 4  
Hard--kalbas..... 4  
Eagle--bell.....15  
Stomach--chenic..... 4  
Stem--trackstar..... 3  
Lamp--loss.....19  
Dream--melso..... 4  
Yellow--ormondo..... 4  
Bread--life.....  
Justice--quartz.....19  
Boy--nellan..... 4  
Light--cor..... 4

Health--hallenbee..... 4  
 Bible--book.....  
 Memory--bike.....19  
 Sheep--armen..... 4  
 Bath--cor..... 4  
 Cottage--callan..... 4  
 Swift--swar..... 3  
 Blue--blacksen..... 4  
 Hungry--scatterbuck... 4  
 Priest--canon.....17  
 Ocean--men.....19  
 Head--will.....19  
 Stove--somen..... 4  
 Long--lass.....19  
 Religion--cor..... 4  
 Whiskey--hanrow..... 4  
 Child--vand..... 4  
 Bitter--bike.....15  
 Hammer--hemmel..... 3  
 Thirsty--cass..... 4  
 City--cor..... 4  
 Square--malice.....19  
 Butter--back.....19  
 Doctor--ness..... 4  
 Loud--arman..... 4  
 Thief--cast.....15  
 Lion--loss.....15  
 Joy--kaffir.....15  
 Bed--banrow..... 4  
 Heavy--cast.....15  
 Tobacco--colrow..... 4  
 Baby--boil.....19  
 Moon--padoc..... 4  
 Scissors--kantow..... 4  
 Quiet--kilroe..... 4  
 Green--graft.....10  
 Salt--semen.....19  
 Street--pess..... 4  
 King--guess.....19  
 Cheese--tiffer..... 4  
 Blossom--cad.....19  
 Afraid--mellows.....19

CASE No. 1500.--D.V. Considerable number of neologisms; stereotypy manifested partly in a tendency toward frequent repetition of certain reactions but mainly in a persistent tendency to make use of the grammatical form of present participle, giving rise to numerous doubtful reactions.

Table--stand.....  
 Dark--lonesome.....  
 Music--playing.....

Sickness--disease.....  
Man--hiding..... 19  
Deep--unreckless..... 4  
Soft--beginning.....19  
Eating--plenty.....  
Mountain--high.....  
House--standing..... 6  
Black--grivelling..... 4  
Mutton--plenty.....15  
Comfort--laying.....19  
Hand--disease.....15  
Short--writing.....13  
Fruit--coming.....19  
Butterfly--flying.....  
Smooth--glimming..... 4  
Command--master.....  
Chair--standing..... 6  
Sweet--sugar.....  
Whistle--blowing.....  
Woman--loving.....  
Cold--cellar.....19  
Slow--coming.....15  
Wish--dreaming..... 2  
River--divided.....19  
White--wall.....  
Beautiful--pleasant... 1  
Window--breaking..... 2  
Rough--tumble.....  
Citizen--gentleman....  
Foot--sweating.....19  
Spider--biting..... 2  
Needle--stinging..... 2  
Red--coloring.....  
Sleep--dreaming.....  
Anger--widing..... 4  
Carpet--cleaning.....  
Girl--pretty..... 1  
High--degrace..... 4  
Working--nobody.....19  
Sour--holling..... 4  
Earth--disgrace.....19  
Trouble--plenty.....  
Soldier--shooting.....13  
Cabbage--welldebell... 4  
Hard--earning..... 4  
Eagle--setting.....19  
Stomach--degrivel..... 4  
Stem--biting.....19  
Lamp--burning.....  
Dream--walking.....19  
Yellow--blowing.....15  
Bread--making.....  
Justice--unpossible... 4

Boy--growing..... 2  
Light--stand..... 6  
Health--raising.....19  
Bible--teaching..... 2  
Memory--together.....12  
Sheep--weeding.....19  
Bath--held.....19  
Cottage--standing..... 2  
Swift--incuriossable.. 4  
Blue--smooven..... 4  
Hungry--uncareless.... 4  
Priest--going.....19  
Ocean--moving..... 2  
Head--setting.....15  
Stove--warm.....  
Long--slowly..... 2  
Religion--everything..19  
Whiskey--burning.....  
Child--born.....  
Bitter--taking.....19  
Hammer--hitting..... 2  
Thirsty--drinking.....  
City--welldebell..... 4  
Square--taking.....15  
Butter--soft.....  
Doctor--instrument....19  
Loud--speaking..... 2  
Thief--gitting..... 4  
Lion--scared.....17  
Joy--playing..... 2  
Bed--laying..... 2  
Heavy--raisen..... 4  
Tobacco--eating.....19  
Baby--born.....  
Moon--shining.....  
Scissors--cutting.....  
  
Quiet--hitting.....15  
Green--landed.....19  
Salt--throwing.....19  
Street--walking.....  
King--tension.....19  
Cheese--eating.....  
Blossom--growing..... 2  
Afraid--nobody.....

CASE No. 5138.--C.J. Unclassified reactions, mostly incoherent.

Table--tablecloth.....  
Dark--forward.....19  
Music--instrument.....  
Sickness--fluid.....19

Man--hemale..... 4  
Deep--steep.....  
Soft--hard.....  
Eating--mountain.....19  
Mountain--raven.....19  
House--shutter.....17  
Black--blue.....  
Mutton--beef.....  
Comfort--discomfort...  
Hand--wrist.....  
Short--tall.....  
Fruit--vegetable.....  
Butterfly--bee.....  
Smooth--rough.....  
Command--orders.....  
Chair--sofa.....  
Sweet--sour.....  
Whistle--fife.....  
Woman--girl.....  
Cold--warm.....  
Slow--faster..... 2  
Wish--not..... 2  
River--neck.....17  
White--blue.....  
Beautiful--homely.....  
Window--sill.....  
Rough--paint.....19  
Citizen--pedestrian...19  
Foot--rose.....19  
Spider--towel.....19  
Needle--lifter.....19  
Red--dove.....19  
Sleep--coat.....13  
Anger--smile.....19  
Carpet--gas.....19  
Girl--kite.....19  
High--cow.....19  
Working--candy.....19  
Sour--peach.....17  
Earth--balloon.....19  
Trouble--grass.....13  
Soldier--brass.....17  
Cabbage--flea.....19  
Hard--cat.....19  
Eagle--negro.....10  
Stomach--winter.....19  
Stem--leaf.....  
Lamp--cloth.....19  
Dream--slumber.....  
Yellow--pink.....  
Bread--glass.....19  
Justice--coal.....19  
Boy--maid.....

Light--shine.....  
Health--pale.....17  
Bible--leaf.....  
Memory--grief.....19  
Sheep--giraffe.....19  
Bath--soap.....  
Cottage--scene.....19  
Swift--slow.....  
Blue--piece.....19  
Hungry--food.....  
Priest--minister.....  
Ocean--waves.....  
Head--black.....  
Stove--lid.....  
Long--short.....  
Religion--Christian...  
Whiskey--malt.....  
Child--baby.....  
Bitter--sweet.....  
Hammer--nail.....  
Thirsty--water.....  
City--steeple.....19  
Square--marble.....19  
Butter--bread.....  
Doctor--aster.....19  
Loud--fog.....19  
Thief--Mary.....19  
Lion--tiger.....  
Joy--glad.....  
Bed--sheet.....  
Heavy--light.....  
Tobacco--smoke.....  
Baby--powder.....  
Moon--sky.....  
Scissors--handle.....  
Quiet--sing.....19  
Green--pink.....  
Salt--chimney.....19  
Street--block.....  
King--crown.....  
Cheese--tea.....17  
Blossom--leaves.....  
Afraid--frighten.....

CASE No. 17979.--R.T. Unclassified reactions, mostly incoherent.

Table--full.....19  
Dark--coldness..... 2  
Music--aeronaut.....19  
Sickness--better.....  
Man--extension.....19  
Deep--electrician.....19

Soft--harden..... 2  
Eating--stomach.....  
Mountain--Lord.....19  
House--roof.....  
Black--darkness.....  
Mutton--working.....19  
Comfort--ahead.....12  
Hand--mercury.....19  
Short--have.....12  
Fruit--flavor.....19  
Butterfly--plant.....13  
Smooth--level.....  
Command--obedient.....  
Chair--rest.....  
Sweet--polish.....19  
Whistle--note.....  
Woman--comfort.....  
Cold--pleasant..... 1  
Slow--move.....  
Wish--wealth.....  
River--shell.....19  
White--change.....19  
Beautiful--sat.....19  
Window--temperature...39  
Rough--shell.....15  
Citizen--soldier.....  
Foot--travel.....  
Spider--web.....  
Needle--point.....  
Red--temperature.....15  
Sleep--rest.....  
Anger--temper.....  
Carpet--court.....10  
Girl--birth.....10  
High--dirt.....19  
Working--ease.....  
Sour--bait..... 4  
Earth--vexation.....19  
Trouble--business.....  
Soldier--obedient..... 2  
Cabbage--fell.....19  
Hard--solid.....  
Eagle--government.....19  
Stomach--chest.....  
Stem--wish.....19  
Lamp--brilliance.....17  
Dream--unso..... 4  
Yellow--color.....  
Bread--crust.....  
Justice--truth.....  
Boy--obedient.....  
Light--heart..... 2  
Health--feeling.....

Bible--scripture.....  
Memory--saying.....19  
Sheep--wool.....  
Bath--get.....19  
Cottage--morrell..... 4  
Swift--good..... 1  
Blue--look.....19  
Hungry--have.....12  
Priest--scripture.....15  
Ocean--supply.....19  
Head--manager.....17  
Stove--shake.....19  
Long--journey.....  
Religion--thought..... 1  
Whiskey--lusk..... 4  
Child--wish.....15  
Bitter--enmalseladiga. 4  
Hammer--efface.....19  
Thirsty--want.....  
City--comforts.....15  
Square--crown.....19  
Butter--flavor.....15  
Doctor--dram.....19  
Loud--temper.....15  
Thief--caught..... 2  
Lion--crown.....15  
Joy--pleasure..... 1  
Bed--comforts.....  
Heavy--thoughts..... 1  
Tobacco--changes.....15  
Baby--pleasure..... 1  
Moon--brilliance..... 2  
Scissors--edge.....  
Quiet--baptism.....19  
Green--autumn.....19  
Salt--gather.....19  
Street--thoroughfare..  
King--crown.....  
Cheese--flavor.....15  
Blossom--wood.....17  
Afraid--downhearted...17

CASE No. 3307.--G.F. Unclassified reactions, mostly incoherent; slight tendency to respond by sound reactions.

Table--desk.....  
Dark--blue.....  
Music--stars.....13  
Sickness--trees.....19  
Man--menace.....10  
Deep--soap.....19  
Soft--excited.....19

Eating--spelling.....10  
Mountain--marbles.....19  
House--train.....19  
Black--bed.....19  
Mutton--button.....10  
Comfort--steak.....13  
Hand--flexible.....19  
Short--umbrella.....17  
Fruit--blanket.....19  
Butterfly--grass.....  
Smooth--sheet.....19  
Command--carpet.....19  
Chair--store.....19  
Sweet--flower.....  
Whistle--linen.....19  
Woman--water.....19  
Cold--coal.....  
Slow--ferry.....17  
Wish--sample.....19  
River--shades.....19  
Whiter--blue.....  
Beautiful--suspender..19  
Window--wood.....  
Rough--chisel.....19  
Citizen--ruler.....  
Foot--snake.....19  
Spider--fly.....  
Needle--bird.....13  
Red--green.....  
Sleep--opening.....19  
Anger--angry.....  
Carpet--stitching.....19  
Girl--madam.....17  
High--ceiling.....  
Working--easy.....  
Sour--warm.....19  
Earth--heaven.....  
Trouble--astonished...19  
Soldier--man..... 1  
Cabbage--carrot.....  
Hard--softness..... 2  
Eagle--parrot.....  
Stomach--mind.....19  
Stem--stable.....10  
Lamp--oil.....  
Dream--awake.....  
Yellow--darkness..... 2  
Bread--rough.....19  
Justice--male.....19  
Boy--buoy.....10  
Light--standing.....19  
Health--very.....12  
Bible--ashamed.....19

Memory--staring.....19  
Sheep--stock.....  
Bath--sponge.....  
Cottage--house.....  
Swift--mouse.....19  
Blue--fall.....19  
Hungry--appetite.....  
Priest--pastor.....  
Ocean--waves.....  
Head--hat.....  
Stove--blackening..... 2  
Long--garden.....19  
Religion--goodness.... 1  
Whiskey--Kummell.....17  
Child--woman..... 1  
Bitter--coughing.....19  
Hammer--sofa.....19  
Thirsty--pillow.....18  
City--united.....19  
Square--oblong.....  
Butter--lard.....  
Doctor--physician.....  
Loud--easy.....  
Thief--burglar.....  
Lion--tiger.....  
Joy--healthy..... 2  
Bed--thread.....10  
Heavy--gloves.....17  
Tobacco--cigar.....  
Baby--hood.....11  
Moon--stars.....  
Scissors--knife.....  
Quiet--recollect..... 17  
Green--ring.....19  
Salt--pencil.....19  
Street--bushes.....19  
King--Germany.....17  
Cheese--rice.....17  
Blossom--pepper.....19  
Afraid--allspice..... 18

CASE NO. 971.--O.M. Unclassified reactions, mostly incoherent.

Table--vote.....19  
Dark--plenty.....19  
Music--health.....19  
Sickness--fright.....  
Man--manager.....10  
Deep--slow.....19  
Soft--pepper.....19  
Eating--vanity.....19  
Mountains--slept.....19

House--courage.....19  
Black--funeral.....  
Mutton--age..... 19  
Comfort--slide.....19  
Hand--credit.....19  
  
Short--Simpson.....17  
Fruit--physician.....19  
Butterfly--torment....19  
Smooth--button.....17  
Command--scarf.....19  
Chair--rage.....19  
Sweet--cider.....17  
Whistle--lace.....19  
Woman--debt.....19  
Cold--powderly..... 4  
Slow--telephone.....19  
Wish--regret.....17  
River--herald.....19  
White--black.....  
Beautiful--jolly.....19  
Window--pane.....  
Rough--duty.....19  
Citizen--ward.....17  
Foot--minister.....19  
Spider--handsome.....19  
Needle--pin.....  
Red--white.....  
Sleep--apple.....13  
Anger--sour.....19  
Carpet--wood.....  
Girl--boy.....  
High--low.....  
Working--height.....13  
Sour--pitcher.....19  
Earth--clam.....19  
Trouble--necessity.... 9  
Soldier--marine.....  
Cabbage--watermelon...17  
Hard--cracker.....17  
Eagle--bright.....19  
Stomach--back.....  
Stem--stimulant.....10  
Lamp--hair.....19  
Dream--knees.....19  
Yellow--amen.....12  
Bread--general.....19  
Justice--no..... 2  
Boy--grass.....19  
Light--thought..... 9  
Health--depression....17  
Bible--judger..... 4  
Memory--stomach.....19

Sheep--crusade.....19  
Bath--labor.....19  
Cottage--cotton.....10  
Swift--depth.....19  
Blue--crimson.....17  
Hungry--alloyed.....19  
Priest--politicians...17  
Ocean--sea.....  
Head--cranium.....  
Stove--soft.....19  
Long--biles..... 4  
Religion--bunion.....10  
Whiskey--vinegar.....17  
Child--edge.....19  
Bitter--born.....10  
Hammer--wood.....  
Thirsty--cradle.....19  
City--flames.....19  
Square--eating.....19  
Butter--dirt.....19  
Doctor--malefactor....19  
Loud--quinine.....19  
Thief--joy.....19  
Lion--sage.....19  
Joy--thorn.....19  
Bed--draper.....19  
Heavy--close.....19  
Tobacco--weed.....  
Baby--stop.....19  
Moon--starch.....19  
Scissors--crepe.....17  
Quiet--bustle.....19  
Green--color.....  
Salt--throw.....19  
Street--ferment.....19  
King--jaunce..... 4  
Cheese--tepid.....19  
Blossom--woman..... 9  
Afraid--shame.....17

CASE No. 01665.--E.H. Unclassified reactions, mostly incoherent.

Table--cent.....19  
Dark--sweet.....19  
Music--delighted..... 2  
Sickness--pop.....19  
Man--change.....19  
Deep--pass.....19  
Soft--drop.....19  
Eating--fair.....19  
Mountains--heavy.....19  
House--fate.....19

Black--right.....19  
Mutton--with.....12  
Comfort--indeed.....12  
Hand--span.....10  
Short--stop.....  
Fruit--dip.....19  
Butterfly--home.....19  
Smooth--days.....19  
Command--stop.....15  
Chair--pledge.....19  
Sweet--right.....15  
Whistle--home.....15  
Woman--Louisa.....17  
Cold--chair.....16  
Slow--aid.....19  
Wish--book..... 2  
River--shoes.....19  
White--ouch.....12  
Beautiful--not.....12  
Window--papers.....19  
Rough--lettuce.....19  
Citizen--money.....17  
Foot--stand.....  
Spider--socks.....19  
Needle--drops.....15  
Red--glass.....17  
Sleep--suits.....19  
Anger--suits..... 5  
Carpet--hat.....19  
Girl--president.....19  
High--pass.....19  
Working--knock.....19  
Sour--cake.....19  
Earth--home.....  
Trouble--news.....17  
Soldier--name.....19  
Cabbage--rule.....19  
Hard--rope.....19  
Eagle--in.....12  
Stomach--potato.....17  
Stem--pick.....  
Lamp--berry.....18  
Dream--book.....  
Yellow--lettuce.....19  
Bread--chews.....17  
Justice--night.....15  
Boy--bat.....17  
Light--rasp.....19  
Health--off.....12  
Bible--comforter..... 2  
Memory--candy.....19  
Sheep--eat.....  
Bath--sweet.....19

Cottage--walk.....19  
Swift--reason.....19  
Blue--dot.....19  
Hungry--swift.....16  
Priest--birth.....19  
Ocean--stop.....15  
Head--strap.....19  
Stove--pot.....17  
Long--name.....  
Religion--day.....13  
Whiskey--take.....19  
Child--jaw.....17  
Bitter--licorice.....17  
Hammer--sound.....  
Thirsty--cards.....19  
City--dice.....18  
Square--muff.....19  
Butter--stick.....19  
Doctor--perfect.....19  
Loud--walk.....15  
Thief--jail.....  
Lion--cow.....  
Joy--nail.....19  
Bed--new.....19  
Heavy--down.....12  
Tobacco--prize.....19  
Baby--new.....15  
Moon--new.....  
Scissors--teach.....19  
Quiet--man..... 1  
Green--water.....17  
Salt--money.....19  
Street--right.....15  
King--girl.....19  
Cheese--house.....19  
Blossom--work..... 1  
Afraid--jars.....19

CASE M.F. (from Hudson River State Hospital).--Unclassified reactions,  
mostly incoherent.

Table--heat.....19  
Dark--succeed.....19  
Music--benefit.....19  
Sickness--steep.....19  
Man--dicut..... 4  
Deep--rectify.....19  
Soft--bed.....  
Eating--dozy.....19  
Mountain--tulu..... 4  
House--sails.....19  
Black--sunrise.....19

Mutton--tuition.....19  
Comfort--blasphemous..19  
Hand--doing.....  
Short--pest.....19  
Fruit--charm.....19  
Butterfly--doctor.....19  
Smooth--border.....19  
Command--right.....  
Chair--distill.....19  
Sweet--noticed.....19  
Whistle--stead.....19  
Woman--splice.....19  
Cold--strap.....19  
Slow--chief.....19  
Wish--shame.....19  
River--word.....19  
White--color.....  
Beautiful--better.....19  
Window--dull.....19  
Rough--bright.....18  
Citizen--chum.....19  
Foot--relax.....19  
Spider--float.....19  
Needle--action.....19  
Red--stout.....19  
Sleep--lazy.....17  
Anger--anguish.....  
Carpet--knowledge.....19  
Girl--first.....10  
High--hand.....19  
Working--power.....17  
Sour--mud.....19  
Earth--sky.....  
Trouble--sorrow.....  
Soldier--manhood..... 2  
Cabbage--righteous....19  
Hard--beaten.....17  
Eagle--dog.....19  
Stomach--paste.....19  
Stem--dust.....10  
Lamp--fall.....19  
Dream--idle.....17  
Yellow--zone.....19  
Bread--pan.....17  
Justice--tricks.....17  
Boy--barrel.....19  
Light--powers.....15  
Health--kindness.....19  
Bible--story.....  
Memory--pillow.....19  
Sheep--veil.....19  
Bath--ink.....19  
Cottage--paper.....19

Swift--arrow.....  
Blue--cold.....  
Hungry--dyes.....19  
Priest--cloak.....19  
Ocean--pilot.....17  
Head--tin.....19  
Stove--plate.....17  
Long--trouble.....19  
Religion--soap.....19  
Whiskey--starch.....18  
Child--night.....19  
Bitter--contentment...19  
  
Hammer--shortness.....19  
Thirsty--knife.....19  
City--mind.....19  
Square--truth..... 2  
Butter--biscuit.....  
Doctor--piles.....17  
Loud--distrust.....19  
Thief--babies.....19  
Lion--hair.....  
Joy--eyesight.....19  
  
Bed--dievos..... 4  
Heavy--determined.....19  
Tobacco--health.....19  
Baby--wood.....19  
Moon--heat.....15  
Scissors--squeeze.....19  
Quiet--tears.....19  
Green--fall.....15  
Salt--soft.....10  
Street--wait.....19  
King--inches.....19  
Cheese--doctor.....15  
Blossom--fades.....19  
Afraid--hearts..... 2

CASE No. 01552.--E.J.D. Unclassified reactions, mostly incoherent.

Table--unicorn.....19  
Dark--African.....17  
Music--love.....  
Sickness--slumber.....17  
Man--minstrel.....10  
Deep--river.....  
Soft--highwayman.....19  
Eating--England.....19  
Mountain--pleasure..... 1  
House--Christianity.....19  
Black--directory.....19

Mutton--capers.....19  
Comfort--mankind.....12  
Hand--surface.....19  
Short--court.....10  
Fruit--pleasure.....  
Butterfly--dispatcher...19  
Smooth--navigation.....19  
Command--administration. 9  
Chair--time.....19  
Sweet--office.....13  
Whistle--foreign.....19  
Woman--usefulness.....  
Cold--frigid.....  
Slow--vocation.....19  
Wish--longing.....  
River--tributary.....17  
White--island.....  
Beautiful--unseen.....19  
Window--frugal.....19  
Rough--nautical.....19  
Citizen--pedestrian.....19  
Foot--laugh.....19  
Spider--jungle.....19  
Needle--man..... 9  
Red--monde..... 4  
Sleep--resuscitation... 4  
Anger--uncared.....19  
Carpet--foreign.....15  
Girl--celt.....19  
High--wine.....10  
Working--prayer.....19  
Sour--flower.....10  
Earth--tariff.....19  
Trouble--ledger.....19  
Soldier--work.....  
Cabbage--ancient.....19  
Hard--provender.....19  
Eagle--school.....19  
Stomach--bowels.....  
Stem--tide.....  
Lamp--scientific.....19  
Dream--somno.....4  
Yellow--pain.....19  
Bread--populous.....19  
Justice--thwart.....19  
Boy--globe.....19  
Light--female.....13  
Health--linen.....19  
Bible--divine.....17  
Memory--current.....19  
Sheep--water.....  
Bath--rain.....18  
Cottage--journal.....19

|                          |    |
|--------------------------|----|
| Swift--yacht.....        | 17 |
| Blue--novel.....         | 19 |
| Hungry--viand.....       | 2  |
| Priest--pedestrian.....  | 15 |
| Ocean--commotion.....    | 10 |
| Head--sugar.....         | 19 |
| Stove--writer.....       | 19 |
| Long--mingle.....        | 19 |
| Religion--tent.....      |    |
| Whiskey--copulency.....  | 4  |
| Child--editor.....       | 19 |
| Bitter--backward.....    | 19 |
| Hammer--youth.....       | 19 |
| Thirsty--salt.....       | 17 |
| City--gentler.....       | 19 |
| Square--angelus.....     | 19 |
| Butter--pastry.....      | 17 |
| Doctor--veterinary.....  | 17 |
| Loud--muslin.....        | 19 |
| Chief--grocer.....       | 19 |
| Lion--trip.....          | 19 |
| Joy--penance.....        | 17 |
| Bed--granite.....        | 19 |
| Heavy--note.....         | 19 |
| Tobacco--vanese.....     | 4  |
| Baby--school.....        | 15 |
| Moon--element.....       | 19 |
| Scissors--elderly.....   | 19 |
| Quiet--trinity.....      | 19 |
| Green--commissioner..... | 19 |
| Salt--strength.....      | 19 |
| Street--voyager.....     | 19 |
| King--sorrow.....        | 19 |
| Cheese--holiday.....     | 19 |
| Blossom--parks.....      | 19 |
| Afraid--stamina.....     | 17 |

CASE No. 667.--C.L. Pronounced stereotypy. Following note on test record: "Many attempts were made to secure a reaction other than 'cat,' but usually without success; the reaction \_cold--warm\_ was given spontaneously and with apparent interest; most reactions were given only in response to much urging, or else mechanically, without attention."

|                    |    |
|--------------------|----|
| Table--cat.....    | 6  |
| Dark--rat.....     | 18 |
| Music--shoe.....   | 19 |
| Sickness--cat..... | 6  |
| Man--boy.....      |    |
| Deep--cat.....     | 6  |
| Soft--hat.....     | 19 |
| Eating--cat.....   | 6  |

Mountain--hit.....19  
House--gold.....19  
Black--woman..... 9  
Mutton--get.....19  
Comfort--cousin.....19  
Hand--Jesus.....19  
Short--hat.....15  
Fruit--hand.....16  
Butterfly--going.....19  
Smooth--hat.....15  
Command--boy.....  
Chair--hat.....15  
Sweet--cat..... 6  
Whistle--boy.....  
Woman--cat.....  
Cold--warm.....  
Slow--button.....19  
Wish--cat..... 6  
River--cat..... 5  
White--rat.....15  
Beautiful--good..... 1  
Window--wheel.....19  
Rough--good..... 9  
Citizen--candy.....19  
Foot--cat..... 6  
Spider--dog.....19  
Needle--cat..... 6  
Red--button.....15  
Sleep--cat..... 6  
Anger--go.....15  
Carpet--cat..... 6  
Girl--in.....12  
High--little.....19  
Working--cold.....19  
Sour--cat..... 6  
Earth--tag.....19  
Trouble--cat..... 6  
Soldier--cat..... 5  
Cabbage--cat..... 5  
Hard--cat..... 5  
Eagle--cat..... 5  
Stomach--cat.....  
Stem--hat.....15  
Lamp--cat..... 6  
Dream--cat..... 5  
Yellow--cat.....  
Bread--cat..... 5  
Justice--cat..... 5  
Boy--cat..... 5  
Light--cat..... 5  
Health--cat..... 5  
Bible--cat..... 5  
Memory--cat..... 5

Sheep--cat..... 5  
Bath--cat..... 5  
Cottage--cat..... 5  
Swift--cat.....  
Blue--cat..... 5  
Hungry--cat..... 5  
Priest--cat..... 5  
Ocean--cat..... 5  
Head--cat..... 5  
Stove--cat..... 5  
Long--cat..... 5  
Religion--cat..... 5  
Whiskey--cat..... 5  
Child--cat..... 5  
Bitter--cat..... 5  
Hammer--cat..... 5  
Thirsty--cat..... 5  
City--cat..... 5  
Square--cat..... 5  
Butter--cat..... 5  
Doctor--cat..... 5  
Loud--cat..... 5  
Thief--cat..... 5  
Lion--cat.....  
Joy--cat..... 5  
Bed--cat..... 5  
Heavy--cat..... 5  
Tobacco--cat..... 5  
Baby--cat..... 5  
Moon--cat..... 5  
Scissors--cat..... 5  
Quiet--cat..... 5  
Green--cat..... 5  
Salt--cat..... 5  
Street--cat..... 5  
King--cat..... 5  
Cheese--cat..... 5  
Blossom--cat..... 5  
Afraid--cat.....

CASE No. 6006.--E.T.S. Stereotypy

Table--eat.....  
Dark--unkindness.....19  
Music--beautiful..... 1  
Sickness--suffering...  
Man--good..... 1  
Deep--unkindness.....15  
Soft--unkindness..... 5  
Eating--digesting....  
  
Mountain--low.....

House--small..... 1  
Black--darkness.....  
Mutton--good..... 1  
Comfort--home.....  
Hand--useful..... 1  
Short--useful..... 5  
Fruit--healthy.....  
Butterfly--beautiful.. 1  
Smooth--unkindness....15  
Command--great..... 9  
Chair--useful..... 1  
Sweet--healthy.....15  
Whistle--beautiful... 6  
Woman--good..... 1  
Cold--unhealthy.....19  
Slow--good..... 6  
Wish--always.....12  
River--needed..... 6  
White--pretty..... 1

Beautiful--trees.....  
Window--needed..... 6  
Rough--unneeded..... 4  
Citizen--needed..... 6  
Foot--needed..... 2  
Spider--needed..... 5  
Needle--needed..... 5  
Red--beautiful..... 2  
Sleep--beautiful..... 1  
Anger--needed..... 6  
Carpet--needed..... 5  
Girl--needed..... 5  
High--height.....  
Working--needed..... 6  
Sour--needed..... 5  
Earth--needed..... 5  
Trouble--trust.....10  
Soldier--needed..... 6  
Cabbage--needed..... 5  
Hard--trouble.....  
Eagle--beautiful..... 6  
Stomach--trouble.....  
Stem--shoot.....10  
Lamp--light.....  
Dream--pleasant..... 1  
Yellow--pretty..... 1  
Bread--good..... 1  
Justice--needed..... 6  
Boy--needed..... 5  
Light--Pretty..... 6  
Health--needed.....  
Bible--needed..... 5  
Memory--needed..... 2

Sheep--needed..... 5  
 Bath--needed..... 5  
 Cottage--needed..... 5  
 Swift--needed..... 5  
 Blue--pretty..... 1  
 Hungry--food.....  
 Priest--Father.....  
  
 Ocean--fresh.....19  
 Head--unhealthy.....15  
 Stove--warmth.....  
 Long--length.....  
 Religion--needed..... 2  
 Whiskey--needed..... 5  
 Child--needed.....  
 Bitter--needed..... 5  
 Hammer--needed..... 5  
 Thirsty--water.....  
 City--pretty..... 6  
 Square--honest.....  
 Butter--good..... 1  
 Doctor--needed.....  
 Loud--needed..... 5  
 Theft--trust.....  
 Lion--love.....19  
 Joy--laughter.....  
 Bed--comfortable.....  
 Heavy--sleepiness..... 2  
 Tobacco--needed..... 6  
 Baby--needed..... 5  
 Moon--needed..... 5  
 Scissors--needed..... 5  
 Quiet--pleasure..... 1  
 Green--me.....18  
 Salt--needed.....  
 Street--needed..... 5  
 King--needed..... 5  
 Cheese--needed..... 5  
 Blossom--needed..... 5  
 Afraid--nervous.....

CASE No. 2292.--C.M. Perseveration: numerous instances of association to preceding reaction; unclassified reactions, mostly incoherent.

Table--tree.....19  
 Dark--night.....  
 Music--instrument.....  
 Sickness--smoke.....19  
 Man--woman..... 1  
 Deep--water.....  
 Soft--tide.....18

Eating--potato.....  
Mountain--milk.....13  
House--clay.....17  
Black--polish.....17  
Mutton--goat.....  
Comfort--cream.....10  
Hand--hay.....19  
Short--meat.....19  
Fruit--pears.....  
Butterfly--flower.....  
Smooth--smell.....10  
Command--drink.....19  
Chair--wine.....18  
Sweet--honey.....  
Whistle--wind.....  
Woman--whiskey.....19

Cold--fire.....  
Slow--speed.....  
Wish--go.....  
River--boat.....  
White--stem.....13  
Beautiful--cloak.....17  
Window--drift.....19  
Rough--storm.....  
Citizen--citron.....10  
Foot--feed.....19  
Spider--web.....  
Needle--thread.....  
Red--sew.....13  
Sleep--rest.....  
Anger--health.....13  
Carpet--carrots.....10  
Girl--eat.....19  
High--horse.....19  
Working--hay.....15  
Sour--cut.....19  
Earth--machine.....19  
Trouble--repair.....18  
Soldier--mow.....19  
Cabbage--plant.....  
Hard--seed.....18  
Eagle--bird.....  
Stomach--egg.....17  
Stem--join.....  
Lamp--oil.....  
Dream--burn.....13  
Yellow--gas.....18  
Bread--flour.....  
Justices--drink.....19  
Boy--girl.....  
Light--man..... 9  
Health--woman..... 1

Bible--baby.....10  
 Memory--want.....19  
 Sheep--lamb.....  
 Bath--water.....  
 Cottage--hay.....15  
 Swift--corn.....18  
 Blue--eat.....18  
 Hungry--ham.....17  
 Priest--pickle.....18  
 Ocean--turnip.....18  
 Head--hair.....  
 Stove--coal.....  
 Long--wood.....13  
 Religion--lemon.....10  
 Whiskey--wheat.....17  
 Child--rye.....18  
 Bitter--medicine.....  
 Hammer--nail.....  
 Thirsty--beer.....  
 City--cake.....19  
 Square--pie.....18  
 Butter--cream.....  
 Doctor--herb.....19  
 Loud--duck.....19  
 Thief--feathers.....18  
 Lion--animal.....  
 Joy--peace.....  
 Bed--sleep.....  
 Heavy--rest.....13  
 Tobacco--chew.....  
 Baby--chair.....19  
 Moon--sun.....  
 Scissors--cut.....  
 Quiet--hair.....18  
 Green--grapes.....  
 Salt--bag.....19  
 Street--stone.....  
 King--cement.....18  
 Cheese--money.....19  
 Blossom--flower.....  
 Afraid--fast.....19

CASE No. 17880.--E.D. Numerous repetitions of reactions previously given; unclassified reactions, mostly incoherent; neologisms.

Table--eating.....  
 Dark--night.....  
 Music--piano.....  
 Sickness--stopper.... 4  
 Man--manly.....  
 Deep--knowing..... 6  
 Soft--undoable..... 4

Eating--oblong.....19  
Mountain--guide.....19  
House--residing..... 2  
Black--dress.....  
Mutton--aiding.....19  
Comfort--escorted..... 6  
Hand--escorted..... 5  
Short--unescorted.....18  
Fruit--eating.....  
Butterfly--interfere..19  
Smooth--knowing..... 6  
Command--unerrorer.... 4  
Chair--seated.....  
Sweet--durable.....19  
Whistle--treated.....19  
Woman--help..... 2  
Cold--stoppery..... 4  
Slow--unknowing..... 4  
Wish--treated.....15  
River--boats.....  
White--treasurer.....19  
Beautiful--form.....  
Window--outlook.....  
Rough--unescorted.....15  
Citizen--residing..... 2  
Foot--travel.....  
Spider--stoppery..... 4  
Needle--clothing..... 2  
Red--color.....  
Sleep--stoppery..... 4  
Anger--unguarded.....17  
Carpet--residence.....15  
Girl--help..... 6  
High--escorted..... 6  
Working--man..... 1  
Sour--form.....15  
Earth--platformer.... 4  
Trouble--unguarded....15  
Soldier--sentinel..... 2  
Cabbage--dinners..... 2  
Hard--escorted..... 6  
Eagle--newspaper.....17  
Stomach--health.....  
Stem--winding.....  
Lamp--reading.....  
Dream--guarded.....19  
Yellow--aged.....19  
Bread--knowing..... 6  
Justice--bar.....17  
Boy--help..... 6  
Light--advice.....19  
Health--doableness.... 4  
Bible--church.....

Memory--knowing..... 2  
 Sheep--aided.....15  
 Bath--stopper..... 4  
 Cottage--seashore.....  
 Swift--business.....17  
 Blue--help..... 6  
 Hungry--unadded..... 4  
 Priest--Rome.....19  
 Ocean--help..... 6  
 Head--knowing..... 2  
 Stove--cooking.....  
 Long--bank.....19  
 Religion--church.....  
 Whiskey--drink.....  
 Child--help..... 6  
 Bitter--error.....16  
 Hammer--builder..... 2  
 Thirsty--drink.....  
 City--building.....  
 Square--unerrorer..... 4  
 Butter--eating.....  
 Doctor--destroyer.....10  
 Loud--notoriety.....17  
 Thief--error.....15  
 Lion--lord.....19  
 Joy--escorted..... 6  
 Bed--unescorted.....15  
 Heavy--unescorted..... 5  
 Tobacco--chewing.....  
 Baby--help..... 6  
 Moon--knowing..... 6  
 Scissors--tailor.....  
 Quiet--form.....15  
 Green--moneyed.....19  
 Salt--eating.....  
 Street--city.....  
 King--adds.....19  
 Cheese--eating.....  
 Blossom--escorted..... 6  
 Afraid--unguarded.....15

CASE No. 6065.--A.F. Unclassified reactions, mostly incoherent;  
 perseveration: instances of association to preceding reaction and to  
 preceding stimulus.

Table--stove.....19  
 Dark--clear.....19  
 Music--calm.....19  
 Sickness--exact.....19  
 Man--particular.....18  
 Deep--personal.....18  
 Soft--frank.....19

Eating--determined....19  
Mountain--idea.....19  
House--street.....  
Black--water.....  
Mutton--ground.....19  
Comfort--country.....18  
Hand--fire.....19  
Short--straight.....10  
Fruit--flowers.....  
Butterfly--horn.....19  
Smooth--farm.....19  
Command--forbidden.... 2  
Chair--bed.....  
Sweet--sugar.....  
Whistle--noise.....  
Woman--boy.....  
Cold--house.....13  
Slow--store.....14  
Wish--work.....19  
River--sound.....17  
White--blue.....  
Beautiful--fair.....  
Window--door.....  
Rough--glass.....13  
Citizen--dress.....19  
Foot--exact.....15  
Spider--fly.....  
Needle--pins.....  
Red--person..... 9  
Sleep--nervous.....17  
Anger--determined....15  
Carpet--floor.....  
Girl--man..... 1  
High--fruit.....19  
Working--wear.....10  
Sour--sweet.....  
Earth--early.....10  
Trouble--state.....19  
Soldier--girl.....18  
Cabbage--woman..... 9  
Hard--heart.....  
Eagle--bird.....  
Stomach--friend.....19  
Stem--tree.....  
Lamp--couch.....19  
Dream--desk.....19  
Yellow--table.....  
Bread--chair.....14  
Justice--truth.....  
Boy--honor.....13  
Light--tails.....19  
Health--care.....  
Bible--book.....

Memory--remembrance...  
Sheep--free.....19  
Bath--court.....19  
Cottage--pitcher.....19  
Swift--strong.....  
Blue--delicate.....18  
Hungry--bread.....  
Priest--church.....  
Ocean--ship.....  
Head--height..... 2  
Stove--people..... 9  
Long--heart.....15  
Religion--Catholic...  
Whiskey--Brooklyn.....19  
Child--New York.....18  
Bitter--frost.....19  
Hammer--summer.....10  
Thirsty--fall.....18  
City--autumn.....18  
Square--winter.....18  
Butter--daily.....19  
Doctor--midnight.....19  
Loud--forenoon.....18  
Thief--afternoon.....18  
Lion--evening.....18  
Joy--sorrow.....  
Bed--obstinate.....19  
Heavy--indifferent...19  
Tobacco--pipe.....  
Baby--mother.....  
Moon--daughter.....18  
Scissors--son.....18  
Quiet--sister.....18  
Queen--brother.....18  
Salt--forward.....19  
Street--proper.....19  
King--vulgar.....18  
Cheese--personal.....15  
Blossom--tree.....  
Afraid--fear.....

CASE No. 17188.--G.B. Sound reactions; unclassified reactions, mostly  
incoherent

Table--tablet.....10  
Dark--dot.....10  
Music--Lizzie.....19  
Sickness--Josh.....17  
Man--McMahon.....10  
Deep--deaf (deef).....10  
Soft--sulphur.....10  
Eating--itching.....10

Mountain--mouth.....10  
House--horse.....10  
Black--back.....10  
Mutton--button.....10  
Comfort--community....10  
Hand--hat.....10  
Short--shore.....10  
Fruit--Freehoff.....10  
Butterfly--busty..... 3  
Smooth--small..... 1  
Command--Cummings.....10  
Chair--cherries.....10  
Sweet--sweeten..... 8  
Whistle--Walters.....19  
Woman--wayman.....10  
Cold--laboratory.....19  
Slow--slaw.....10  
Wish--wishbone.....  
River--Ontario.....17  
White--William.....19  
Beautiful--bureau.....10  
Window--Weldon.....10  
Rough--saw.....17  
Citizen--Sendow.....17  
Foot--hoof.....17  
Spider--web.....  
Needle--shoe.....19  
Red--book.....  
Sleep--sitting.....19  
Anger--Freeman.....19  
Carpet--longing.....19  
Girl--gone.....19  
High--law.....19  
Working--back.....15  
Sour--clock.....19  
Earth--flower.....  
Trouble--sensibility..17  
Soldier--sodder.....10  
Cabbage--Cabot.....10  
Hard--done..... 2  
Eagle--time.....19  
Stomach--mat.....19  
Stem--water.....  
Lamp--florist.....19  
Dream--Conners.....19  
Yellow--flower.....  
Bread--water.....  
Justice--Gaynor.....17  
Boy--passion.....19  
Light--life.....  
Health--wealth.....  
Bible--gone.....15  
Memory--Hans.....19

Sheep--pasture.....  
Bath--Rogan.....19  
Cottage--house.....  
Swift--swim.....10  
Blue--Thompson.....19  
Hungry--memory.....18  
Priest--golden.....18  
Green--hat.....15  
Head--broom.....19  
Stove--fan.....19  
Long--time.....  
Religion--Yukon.....19  
Whiskey--Freeman.....15  
Child--Hopkins.....17  
Bitter--brown.....19  
Hammer--hands.....19  
Thirsty--thirty.....10  
City--sure.....19  
Square--squire.....10  
Butter--Tam O'Shanter.10  
Doctor--Dorsan.....10  
Loud--law.....15  
Thief--child.....19  
Lion--dirty.....19  
Joy--commerce.....19  
Bed--strike.....19  
Heavy--Walden.....19  
Tobacco--Alice.....19  
Baby--water.....15  
Moon--handsome.....19  
Scissors--comet.....19  
Quiet--tiger.....19  
Green--tree.....  
Salt--salary.....10  
Street--prunes.....19  
King--kind.....19  
Cheese--handsome.....15  
Blossom--pretty..... 1  
Afraid--Africa.....10

CASE No. 6238.--M.H. Sound reactions; unclassified reactions, mostly incoherent.

Table--token.....19  
Dark--dye.....17  
Music--meat.....10  
Sickness--sorrow.....  
Man--mother.....17  
Jeep--dark.....  
Soft--silk.....  
Eating--elephant.....19

Mountain--many.....10  
House--home.....  
Black--brown.....  
Mutton--men.....10  
Comfort--cat.....10  
Hand--hat.....10  
Short--shift.....10  
Fruit--free.....10  
Butterfly--baby.....19  
Smooth--soft.....  
Command--cat.....10  
Chair--comfort.....  
Sweet--sugar.....  
Whistle--wine.....19  
Woman--when.....10  
Cold--cat.....15  
Slow--short.....  
Wish--when.....12  
River--Rhine.....  
White--when.....10  
Beautiful--baby.....  
Window--wide.....  
Rough--red.....19  
Citizen--company.....19  
Foot--feeling.....19  
Spider--speck.....10  
Needle--nothing.....18  
Red--rose.....  
Sleep--should.....12  
Anger--after.....10  
Carpet--cat.....10  
Girl--God.....19  
High--heaven.....  
Working--will.....2  
Sour--sweet.....  
Earth--eaten.....14  
Trouble--tea.....10  
Soldier--sailor.....  
Cabbage--cobweb.....19  
Hard--haven't.....12  
Eagle--eaten.....15  
Stomach--sat.....10  
Stem--should.....12  
Lamp--little.....19  
Dream--did.....12  
Yellow--you.....10  
Bread--butter.....  
Justice--Jesus.....10  
Boy--baby.....  
Light--love.....14  
Health--heaven.....  
Bible--bitch.....19  
Memory--man.....1

Sheep--shepherd.....  
 Bath--both.....10  
 Cottage--cat.....10  
 Swift--said.....19  
 Blue--bad..... 9  
 Hungry--haven't.....12  
 Priest--Pope.....  
 Ocean--open.....10  
 Head--heart.....  
 Stove--steel.....  
 Long--little.....15  
 Religion--right.....  
 Whiskey--when.....12  
 Child--chimney.....19  
 Bitter--both.....19  
 Hammer--heart.....15  
 Thirsty--think..... 9  
 City--church.....17  
 Square--swift.....19  
 Butter--bread.....  
 Doctor--debtor.....10  
 Loud--loaf.....19  
 Thief--theatre.....10  
 Lion--liar.....10  
 Joy--jam.....19  
 Bed--broom.....19  
 Heavy--hard.....  
 Tobacco--Tom.....19  
 Baby--brother.....17  
 Moon--men..... 2  
 Scissors--shift.....10  
 Quiet--quilt.....10  
 Green--grass.....  
 Salt--said.....19  
 Street--Stevens.....10  
 King--kite.....19  
 Cheese--cat.....15  
 Blossom--bad..... 9  
 Afraid--anger.....

CASE No. 12720.--J.B. Unclassified reactions, many of which are probably due to distraction; some stereotypy. Note on test record states: "Influenced by sensory impressions, but gave good attention to each stimulus word. Had some difficulty in limiting his response to one word, but made all possible effort to comply with every request. On one occasion he was asked to react with his eyes closed, but was unable, under the unnatural conditions, to respond with one word."

Table--floor.....  
 Dark--light.....  
 Music--shoe.....19

Sickness--well.....  
Man--boy.....  
Deep--sea.....  
Soft--soap.....  
Eating--tea.....17  
Mountain--forest.....17  
House--horse.....10  
Black--sill.....19  
Mutton--tablecloth....17  
Comfort--black.....16  
Hand--fingers.....  
Short--wrist.....13  
Fruit--soup.....17  
Butterfly--grape.....13  
Smooth--coat.....  
Command--vest.....18  
Chair--pillow.....19  
Sweet--brick.....19  
Whistle--knuckles.....19  
Woman--wall.....19  
Cold--eating.....19  
Slow--swift.....  
Wish--knob.....19  
River--pad.....19  
White--book.....19  
Beautiful--shadow.....6  
Window--stockings.....19  
Bough--stand.....19  
Citizen--blue.....19  
Foot--brass.....19  
Spider--shoelace.....19  
Needle--name.....19  
Red--sunlight.....19  
Sleep--flag.....18  
Anger--slant.....19  
Carpet--rip.....19  
Girl--lady.....  
High--stripe.....19  
Working--steam.....17  
Sour--handkerchief....19  
Earth--ground.....  
Trouble--insect.....19  
Soldier--army.....  
Cabbage--sill.....15  
Hard--washstand.....19  
Eagle--blue.....15  
Stomach--tap.....19  
Stem--sill.....15  
Lamp--back.....19  
Dream--shadow.....2  
Yellow--blanket.....19  
Bread--horizontal....19  
Justice--ink.....19

Boy--taste.....19  
 Light--yellow.....  
 Health--book.....19  
 Bible--Joseph.....17  
 Memory--Joe.....18  
 Sheep--pillow.....19  
 Bath--Mott.....19  
 Cottage--globe.....19  
 Swift--continue.....19  
 Blue--notice.....19  
 Hungry--Josephine.....19  
 Priest--sixteen.....12  
 Ocean--flag.....15  
 Head--cabbage.....  
 Stove--rivet.....17  
 Long--floor.....19  
 Religion--priest.....  
 Whiskey--tin.....19  
 Child--shadow..... 6  
 Bitter--black.....15  
 Hammer--buttons.....15  
 Thirsty--shadow..... 6  
 City--back.....15  
 Square--oval.....  
 Butter--table.....  
 Doctor--doorway.....10  
 Loud--shadow..... 6  
 Thief--butter.....16  
 Lion--difference.....19  
 Joy--ink.....15  
 Bed--butter.....15  
 Heavy--shadow..... 6  
 Tobacco--wood.....13  
 Baby--wall.....15  
 Moon--lightning.....17  
 Scissors--book.....15  
 Quiet--yellow.....15  
 Green--sole.....19  
 Salt--ink.....15  
 Street--sides.....19  
 King--stripes.....19  
 Cheese--butter.....  
 Blossom--trees.....  
 Afraid--boy.....

CASE No. 5374.--J.F. Perseveration; some stereotypy; sound reactions; unclassified reactions many of which are probably due to distraction. Note on test record states: "Understood what was expected, but could not be induced to give much attention to the stimulus words; sat facing a window, and showed a strong tendency to merely name objects in sight. Reaction time very short, in some cases so short that it is doubtful if he recognized the stimulus word at all."

Table--God.....19  
Dark--angel.....18  
Music--bird.....  
Sickness--woman..... 9  
Man--male.....  
Deep--dove.....19  
Soft--dog.....19  
Eating--horse.....18  
Mountain--mule.....18  
House--dog.....  
Black--rabbit.....18  
Mutton--hen.....18  
Comfort--dog.....15  
Hand--clock.....  
Short--myself.....  
Fruit--post.....19  
Butterfly--bricks.....19  
Smooth--glass.....  
Command--sand.....10  
Chair--leaf.....19  
Sweet--wood.....19  
Whistle--earth.....19  
Woman--grass.....14  
Cold--mustard.....19  
Slow--kale.....19  
Wish--lampsquob..... 4  
River--ten.....12  
White--rock.....17  
Beautiful--water.....17  
Window--scene.....  
Rough--been.....12  
Citizen--house.....13  
Foot--stable..... 2  
Spider--horse.....13  
Needle--pin.....  
Red--cushion.....18  
Sleep--black.....13  
Anger--white.....14  
Carpet--vingency..... 4  
Girl--noodles.....19  
High--macaroni.....18  
Working--tomatoes.....18  
Sour--asparagus.....18  
Earth--oakry..... 4  
Trouble--peas.....19  
Soldier--beans.....18  
Cabbage--greens.....  
Hard--cow.....19  
Eagle--robin.....  
Stomach--hawk.....13  
Stem--fishes.....19  
Lamp--whale.....18

Dream--shark.....18  
Yellow--crabs.....18  
Bread--red.....10  
Justice--jam.....19  
Boy--be..... 2  
Light--girl.....13  
Health--filth.....10  
Bible--book.....  
Memory--bad..... 1  
Sheep--dat..... 4  
Bath--oval.....19  
Cottage--nurse.....19  
Swift--begin.....19  
Blue--joy.....19  
Hungry--wonder.....10  
Priest--apostle.....17  
Ocean--preacher.....13  
Head--dead.....10  
Stove--store.....10  
Long--lone.....10  
Religion--world.....19  
Whiskey--whisper.....10  
Child--gule..... 4  
Bitter--Rugby.....19  
Hammer--ball.....18  
Thirsty--sun.....19  
City--Christ.....10  
Square--Jesus.....18  
Butter--Joe.....19  
Doctor--John.....17  
Loud--Luke.....18  
Thief--St. Matthew....18  
Lion--lie.....10  
Joy--George.....10  
Bed--Beth.....10  
Heavy--tither..... 4  
Tobacco--iron.....13  
Baby--blade.....10  
Moon--stars.....  
Scissors--sun.....13  
Quiet--wired.....10  
Green--mean.....10  
Salt--Lou.....19  
Street--vault.....19  
King--sepulchre.....18  
Cheese--Presbyterian..19  
Blossom--Baptist.....18  
Afraid--Methodist....18

CASE No. 1431.--A.L. Sound reactions; particles; unclassified reactions, mostly incoherent.

Table--ammitting..... 4  
Dark--cat.....  
Music--hello.....12  
Sickness--spelling....19  
Man--then.....12  
Deep--heap.....10  
Soft--deep..... 7  
Eating--people..... 1  
Mountain--striking....19  
House--pat.....19  
Black--and.....12  
Mutton--it.....12  
Comfort--herself.....12  
Hand--self.....19  
Short--length.....  
Fruit--long.....13  
Butterfly--quick.....19  
Smooth--edges.....19  
Command--first.....17  
Chair--exact.....19  
Sweet--nicest..... 2  
Whistle--thistle.....10  
Woman--pins.....19  
Cold--waving.....19  
Slow--swift.....  
Wish--choice.....17  
River--never..... 10  
White--black.....  
Beautiful--much.....19  
Window--such.....19  
Rough--exact.....15  
Citizen--just.....  
Foot--root.....10  
Spider--diving.....19  
Needle--Hercules.....19  
Red--green.....  
Sleep--deep.....  
Anger--grief.....  
Carpet--cheap.....19  
Girl--ink.....19  
High--I.....10  
Working--loafing.....  
Sour--hour.....10  
Earth--hurt.....10  
Trouble--bubble.....10  
Soldier--yes.....12  
Cabbage--garbage.....10  
Hard--hitting.....17  
Eagle--fitting.....19  
Stomach--pitting.....19  
Stem--condemned.....10  
Lamp--stamp.....10  
Dream--stained.....19

Yellow--purple.....  
Bread--pimple.....19  
Justice--suit.....17  
Boy--ahoy.....12  
Light--night.....  
Health--wealth.....  
Bible--indeed.....12  
Memory--remembering...  
Sheep--cow.....  
Bath--sponge.....  
Cottage--people..... 1  
Swift--left.....10  
Blue--shift.....19  
Hungry--property.....19  
Priest--judge..... 2  
Ocean--river.....  
Head--sea.....13  
Stove--Venus.....19  
Long--hog.....19  
Religion--pigeon.....10  
Whiskey--gin.....  
Child--thing.....19  
Bitter--better.....10  
Hammer--happy..... 9  
Thirsty--whiskey.....17  
City--fitting.....10  
Square--round.....  
Butter--shut.....10  
Doctor--exercise.....19  
Loud--accounts.....10  
Thief--endless.....19  
Lion--tiger.....  
Joy--fast.....19  
Bed--grass.....19  
Heavy--heaving.....10  
Tobacco--queen.....19  
Baby--water.....19  
Moon--room.....19  
Scissors--pants.....17  
Quiet--razor.....13  
Green--steel.....18  
Salt--sharp.....  
Street--fence.....19  
King--bring.....10  
Cheese--eggs.....  
Blossom--see.....19  
Afraid--awaiting.....19

CASE No. 6251.--C.D. Some stereotypy; particles; unclassified reactions, mostly incoherent.

Table--doctor.....19

Dark--nigger.....17  
Music--violin.....  
Sickness--whores.....19  
Man--Mulcane.....17  
Deep--deaf.....19  
Soft--hearing.....18  
Eating--pillow.....13  
Mountain--sight.....19  
House--pure.....19  
Black--nigger.....  
Mutton--plenty..... 6  
Comfort--middle.....19  
Hand--left.....17  
Short--one.....12  
Fruit--up.....12  
Butterfly--bird.....  
Smooth--never..... 6  
Command--commodore....10  
Chair--seat.....  
Sweet--sugar.....  
Whistle--highest.....19  
Woman--Constance.....17  
Cold--temperature.....  
Slow--walk.....  
Wish--wishbone.....  
River--love.....19  
White--Dr. White.....17  
Beautiful--pretty..... 1  
Window--dove.....19  
Rough--fine..... 1  
Citizen--United States  
Foot--left.....15  
Spider--web.....  
Needle--ether.....19  
Red--pot.....  
Sleep--wake.....  
Anger--mad.....  
Carpet--pretty..... 1  
Girl--boy.....  
High--Heidel.....10  
Working--never.....  
Sour--sweet.....  
Earth--bride.....19  
Trouble--mischief.....  
Soldier--war.....  
Cabbage--head.....  
Hard--never..... 6  
Eagle--fly.....  
Stomach--go.....19  
Stem--study.....10  
Lamp--light.....  
Dream--behave.....19  
Yellow--false.....19

Bread--plenty..... 6  
 Justice--just.....  
 Boy--come.....19  
 Light--Davie.....19  
 Health--wealth.....  
 Bible--Constance.....15  
 Memory--fine..... 1  
 Sheep--plenty..... 6  
 Bath--bother.....10  
 Cottage--mansion.....  
 Swift--hurry.....  
 Blue--flowers..... 2  
 Hungry--never.....  
 Priest--highest..... 2  
 Ocean--land.....  
 Head--millionaire.....19  
 Stove--twenty-five....12  
 Long--thirty-four.....12  
 Religion--churches....  
 Whiskey--plenty..... 6  
 Child--baby.....  
 Bitter--sorrow.....  
 Hammer--court.....19  
 Thirsty--blood.....11  
 City--this.....12  
 Square--I.....12  
 Butter--plenty..... 6  
 Doctor--millionaire...15  
 Loud--tell.....17  
 Thief--rich.....19  
 Lion--west.....19  
 Joy--ever.....12  
 Bed--Constance.....15  
 Heavy--fine..... 9  
 Tobacco--back.....10  
 Baby--millionaire.....15  
 Moon--always.....12  
 Scissors--large..... 9  
 Quiet--stay.....19  
 Green--flowers.....  
 Salt--perfume.....18  
 Street--floor.....19  
 King--Haaken.....19  
 Cheese--kiss.....19  
 Blossom--flower.....  
 Afraid--never.....

CASE No. 17607.--P.D. Test record somewhat approaching the normal: 24 individual reactions, of which 16 are unclassified, mostly "far fetched" and not strictly incoherent. Patient is a well-marked case of dementia praecox but only moderately deteriorated; works well at the hospital.

Table--oak.....  
Dark--brown.....  
Music--falsetto..... 17  
Sickness--typhoid.....  
Man--gender..... 19  
Deep--feet..... 19  
Soft--feeling.....  
Eating--partaking..... 19  
Mountain--hunter..... 19  
House--dwelling.....  
Black--color.....  
Mutton--sheep.....  
Comfort--coziness..... 2  
Hand--anatomy.....  
Short--stature.....  
Fruit--apples.....  
Butterfly--insect.....  
Smooth--plain.....  
Command--order.....  
Chair--furniture.....  
Sweet--sugar.....  
Whistle--steam.....  
Woman--sex.....  
Cold--degree.....  
Slow--speedless.....  
Wish--expression.....  
River--Amazon.....  
White--pulp..... 17  
Beautiful--description..  
Window--opaque..... 19  
Rough--uncouth.....  
Citizen--qualification.. 19  
Foot--anatomy.....  
Spider--bug.....  
Needle--steel.....  
Red--color.....  
Sleep--slumber.....  
Anger--aroused.....  
Carpet--texture..... 2  
Girl--female.....  
High--up.....  
Working--doing.....  
Sour--lemon.....  
Earth--dirt.....  
Trouble--distress.....  
Soldier--uniform.....  
Cabbage--crop..... 19  
Hard--metal.....  
Eagle--bird.....  
Stomach--anatomy.....  
Stem--pipe.....  
Lamp--glass.....

Dream--atmosphere.....19  
 Yellow--color.....  
 Bread--flour.....  
 Justice--equality.....  
 Boy--male.....  
 Light--sun.....  
 Health--color.....  
 Bible--nonsense.....19  
 Memory--retentiveness... 2  
 Sheep--quadruped.....  
 Bath--water.....  
 Cottage--stories.....19  
 Swift--speed.....  
 Blue--navy.....  
 Hungry--appetite.....  
 Priest--uniform.....15  
 Ocean--Atlantic.....  
 Head--stature.....15  
 Stove--iron.....  
 Long--inches.....17  
 Religion--creed.....  
 Whiskey--hops.....  
 Child--neuter.....19  
 Bitter--horehound.....17  
 Hammer--steel.....  
 Thirsty--degree.....15  
 City--population.....  
 Square--sides.....  
 Butter--cream.....  
 Doctor--physician.....  
 Loud--noise.....  
 Thief--characterization.19  
 Lion--menagerie.....  
 Joy--openness.....19  
 Bed--furniture.....  
 Heavy--weight.....  
 Tobacco--plant.....  
 Baby--egg.....19  
 Moon--astronomy.....  
 Scissors--blades.....  
 Quiet--noiseless.....  
 Green--Paris.....11  
 Salt--crystal.....17  
 Street--lane.....  
 King--usurper.....19  
 Cheese--milk.....  
 Blossom--bud.....  
 Afraid--scared.....

CASE No. 5537.--J.H. Test record approaching the normal: 21  
 individual reactions, 8 classed as normal, 1 non-specific, 12  
 unclassified, mostly "far fetched" but not strictly incoherent.

Well-marked dementia præcox, but of recent origin and but slight deterioration.

Table--eat.....  
Dark--night.....  
Music--pleasure..... 1  
Sickness--suffering...  
Man--farmer.....17  
Deep--low.....  
Soft--hard.....  
Eating--life.....  
Mountain--earth.....  
House--dwelling.....  
Black--color.....  
Mutton--food.....  
Comfort--rest.....  
Hand--limb.....  
Short--small..... 1  
Fruit--nourishing....  
Butterfly--flower.....

Smooth--straight.....  
Command--obey.....  
Chair--furniture.....  
Sweet--palate..... 8  
Whistle--noise.....  
Woman--marriage.....  
Cold--indisposed.....17  
Slow--weary.....19  
Wish--work..... 9  
River--tug.....  
White--sheets..... 2  
Beautiful--rare.....19  
Window--ventilation...  
Rough--uneven.....  
Citizen--public.....17  
Foot--walk.....  
Spider--web.....  
Needle--sew.....  
Red--marine..... 1  
Sleep--repose.....  
Anger--assault.....17  
Carpet--cloth.....  
Girl--sister.....  
High--above.....  
Working--labor.....  
Sour--bitter.....  
Earth--farm.....  
Trouble--fight.....  
Soldier--duty.....  
Cabbage--vegetable....  
Hard--stone.....  
Eagle--large..... 1

Stomach--body.....  
Stem--leaf.....  
Lamp--light.....  
Dream--unconsciousness  
Yellow--flag.....  
Bread--hunger.....  
Justice--freedom.....  
Boy--school.....  
Light--electricity....  
Health--business.....19  
Bible--religion.....  
Memory--brain.....  
Sheep--pasture.....  
Bath--clean.....  
Cottage--property.....17  
Swift--current.....  
Blue--uniform.....17  
Hungry--appetite.....  
Priest--church.....  
Ocean--commerce.....19  
Head--thought..... 1  
Stove--iron.....  
Long--distance.....  
Religion--belief.....  
Whiskey--alcohol.....  
Child--parent.....  
Bitter--taste.....  
Hammer--trade.....19  
Thirsty--beverage....  
City--position.....19  
Square--block.....  
Butter--yellow.....  
Doctor--profession....  
Loud--fiddle.....17  
Thief--police.....  
Lion--Africa.....  
Joy--sensation.....  
Bed--rest.....  
Heavy--burden.....  
Tobacco--store.....19  
Baby--care.....  
Moon--atmosphere.....  
Scissors--dressmaker..  
Quiet--lonesome.....  
Green--color.....  
Salt--house.....19  
Street--neighborhood..17  
King--beast.....19  
Cheese--merchant.....19  
Blossom--flowers.....  
Afraid--train.....10

CASE No. 6190.--L.L. Test record not distinguishable from normal.

Case of recent onset, with little, if any deterioration.

Table--chair.....  
Dark--light.....  
Music--note.....  
Sickness--health.....  
Man--woman..... 1  
Deep--shallow.....  
Soft--hard.....  
Eating--breakfast.....  
Mountain--rock.....  
House--chimney.....  
Black--white.....  
Mutton--animal.....  
Comfort--chair.....  
Hand--foot.....  
Short--long.....  
Fruit--ripe.....  
Butterfly--fields.....  
Smooth--hard.....  
Command--army.....  
Chair--straw.....19  
Sweet--bitter.....  
Whistle--engine.....  
Woman--man..... 1  
Cold--hot.....  
Slow--fast.....  
Wish--desire.....  
River--brook.....  
White--black.....  
Beautiful--girl.....  
Window--glass.....  
Rough--smooth.....  
Citizen--city.....  
Foot--ankle.....  
Spider--web.....  
Needle--cotton.....  
Red--brick.....  
Sleep--night.....  
Anger--joy.....  
Carpet--cloth.....  
Girl--mouth.....17  
High--low.....  
Working--idle.....  
Sour--vinegar.....  
Earth--round.....  
Trouble--sickness.....  
Soldier--gun.....  
Cabbage--garden.....  
Hard--rock.....  
Eagle--fly.....  
Stomach--man..... 1

Stem--watch.....  
Lamp--oil.....  
Dream--sleep.....  
Yellow--sunflower.....  
Bread--butter.....  
Justice--peace.....  
Boy--girl.....  
Light--window.....  
Health--man..... 1  
Bible--God.....  
Memory--mind.....  
Sheep--pasture.....  
Bath--water.....  
Cottage--trees.....  
Swift--engine.....  
Blue--sky.....  
Hungry--bread.....  
Priest--church.....  
Ocean--ships.....  
Head--mind.....  
Stove--chimney.....  
Long--wind..... 19  
Religion--God.....  
Whiskey--alcohol.....  
Child--mother.....  
Bitter--fruit.....  
Hammer--nails.....  
Thirsty--water.....  
City--cars.....  
Square--angles.....  
Butter--cow.....  
Doctor--sickness.....  
Loud--noise.....  
Thief--sinner..... 2  
Lion--jungle.....  
Joy--gladness.....  
Bed--pillow.....  
Heavy--iron.....  
Tobacco--leaf.....  
Baby--mother.....  
Moon--stars.....  
Scissors--thread.....  
Quiet--room.....  
Green--grass.....  
Salt--ocean.....  
Street--men..... 15  
King--queen.....  
Cheese--butter.....  
Blossom--bud.....  
Afraid--coward.....

Case of several years standing, but showing almost complete remission of all symptoms.

Table--chair.....  
Dark--day.....  
Music--instrument.....  
Sickness--health.....  
Man--woman..... 1  
Deep--thoughts..... 1  
Soft--apple.....  
Eating--food.....  
Mountain--rock.....  
House--building.....  
Black--dark.....  
Mutton--meat.....  
Comfort--home.....  
Hand--from..... 12  
Short--stout.....  
Fruit--eating.....  
Butterfly--bird.....  
Smooth--glossy.....  
Command--general.....  
Chair--floor.....  
Sweet--taste.....  
Whistle--tune.....  
Woman--man..... 1  
Cold--chilly.....  
Slow--fast.....  
Wish--something.....  
River--water.....  
White--black.....  
Beautiful--pretty.....  
Window--pane.....  
Rough--ugly.....  
Citizen--papers.....  
Foot--shoe.....  
Spider--bug.....  
Needle--thread.....  
Red--white.....  
Sleep--slumber.....  
Anger--kindness.....  
Carpet--mat.....  
Girl--boy.....  
High--short.....  
Working--idle.....  
Sour--sweet.....  
Earth--land.....  
Trouble--sorrow.....  
Soldier--hero.....  
Cabbage--turnip.....  
Hard--soft.....  
Eagle--owl.....  
Stomach--head.....

Stem--pipe.....  
Lamp--cover.....19  
Dream--sleep.....  
Yellow--brown.....  
Bread--biscuit.....  
Justice--peaceful..... 2  
Boy--girl.....  
Light--dark.....  
Health--well.....  
Bible--book.....  
Memory--lost..... 2  
Sheep--animal.....  
Bath--wash.....  
Cottage--house.....  
Swift--movements..... 2  
Blue--red.....  
Hungry--thirst.....  
Priest--minister.....  
Ocean--sea.....  
Head--body.....  
Stove--iron.....  
Long--length.....  
Religion--too.....12  
Whiskey--drink.....  
Child--baby.....  
Bitter--taste.....  
Hammer--nails.....  
Thirsty--drink.....  
City--town.....  
Square--man..... 1  
Butter--bread.....  
Doctor--patient.....  
Loud--howl.....17  
Thief--steal.....  
Lion--bear.....  
Joy--happiness..... 1  
Bed--blanket.....  
Heavy--weight.....  
Tobacco--smoke.....  
Baby--cradle.....  
Moon--sun.....  
Scissors--thimble.....  
Quiet--stillness.....  
Green--plaid.....17  
Salt--pepper.....  
Street--sidewalk.....  
King--queen.....  
Cheese--crackers.....  
Blossom--leaf.....  
Afraid--frightened....

PARANOIC CONDITIONS.

The clinical group of psychoses included under the designation paranoid conditions is far from being homogeneous. We have here cases that are more or less closely allied to the paranoid form of dementia præcox, other cases that are apparently dependent upon involuntional changes (Kraepelin's \_praeseniler Beeinträchtigungswah\_), still other cases that are characterized by absence or at least delay of mental deterioration, etc.

In some of these cases disturbance of the flow of utterance is not observed, and the test records obtained from them present no striking abnormalities. Distinctly pathological records are obtained mainly from those cases which clinically resemble dementia præcox; in these records the nature of the pathological reactions would seem to indicate that the diagnosis of dementia præcox would be more justifiable than that of paranoid condition.

The following test records will serve to illustrate the types of reactions met with in this group of psychoses:

CASE No. 3039.--F.A. Normal record.

Table--purpose.....19  
 Dark--obscure.....  
 Music--pleasant..... 1  
 Sickness--confinement.17  
 Man--twenty-one.....12  
 Deep--down.....  
 Soft--smooth.....  
 Eating--nourishment...  
 Mountain--high.....  
 House--living.....  
 Black--dark.....  
 Mutton--eating.....  
 Comfort--pleasant..... 1  
 Hand--limb.....  
 Short--low.....  
 Fruit--eat.....  
 Butterfly--miller....  
 Smooth--soft.....  
 Command--obey.....  
 Chair--sitting.....  
 Sweet--tasting.....  
 Whistle--noise.....  
 Woman--female.....  
 Cold--unpleasant..... 1  
 Slow--easy.....  
 Wish--want.....  
 River--water.....  
 White--colorless.....  
 Beautiful--handsome...  
 Window--glass.....

Rough--unpleasant..... 1  
Citizen--vote.....  
Foot--limb.....  
Spider--insect.....  
Needle--sewing.....  
Red--color.....  
Sleep--bed.....  
Anger--cross.....  
Carpet--floor.....  
Girl--young.....  
High--up.....  
Working--labor.....  
Sour--unpleasant..... 1  
Earth--dirt.....  
Trouble--worryment....  
Soldier--fight.....  
Cabbage--vegetable....  
Hard--tough.....  
Eagle--bird.....  
Stomach--anatomy.....  
  
Stem--growth.....  
Lamp--burn.....  
Dream--restlessness...  
Yellow--color.....  
Bread--eat.....  
Justice--right.....  
Boy--young.....  
Light--see.....  
Health--well.....  
Bible--religion.....  
Memory--thoughtful....  
Sheep--animal.....  
Bath--wash.....  
Cottage--house.....  
Swift--fast.....  
Blue--color.....  
Hungry--appetite.....  
Priest--Christian.....17  
Ocean--large.....  
Head--trunk.....  
Stove--fire.....  
Long--distance.....  
Religion--Christianity  
Whiskey--drinkable....  
Child--young.....  
Bitter--bad.....  
Hammer--knock.....  
Thirsty--dry.....  
City--government.....  
Square--block.....  
Butter--eat.....  
Doctor--cure.....

Loud--noisy.....  
Thief--steal.....  
Lion--animal.....  
Joy--pleasant.....  
Bed--laying.....  
Heavy--weighty.....  
Tobacco--smoking.....  
Baby--new-born.....  
Moon--planet.....  
Scissors--cutting....  
Quiet--easy.....  
Green--color.....  
Salt--preservative....  
Street--lane.....  
King--monarch.....  
Cheese--eatable.....  
Blossom--budding.....  
Afraid--fear.....

CASE No. 5803.--D.E.D. Slight tendency to give sound reactions.

Table--tree.....19  
Dark--bright.....  
Music--song.....  
Sickness--health.....  
Man--woman..... 1  
Deep--shallow.....  
Soft--hard.....  
Eating--digesting....  
Mountain--hill.....  
House--horse.....10  
Black--red.....  
Mutton--tallow.....  
Comfort--wealth.....  
Hand--arm.....  
Short--long.....  
Fruit--plate.....17  
Butterfly--net.....  
Smooth--surface.....  
Command--obey.....  
Chair--table.....  
Sweet--sour.....  
Whistle--call.....  
Woman--lady.....  
Cold--lukewarm.....19  
Slow--not.....12  
Wish--receive.....  
River--lake.....  
White--black.....  
Beautiful--graceful...  
Window--door.....  
Rough--smooth.....

Citizen--city.....  
Foot--leg.....  
Spider--soap.....10  
Needle--pin.....  
Red--yellow.....  
Sleep--slumber.....  
Anger--amiable.....  
Carpet--mat.....  
Girl--boy.....  
High--hill.....  
Working--playing.....  
Sour--sweet.....  
Earth--land.....  
Trouble--tranquillity.10  
Soldier--boy.....  
Cabbage--plant.....  
Hard--easy.....  
Eagle--bird.....  
Stomach--bowels.....  
Stem--head.....  
Lamp--chimney.....  
Dream--myth.....17  
Yellow--blue.....  
Bread--biscuit.....  
Justice--balance.....17  
Boy--girl.....  
Light--gray.....17  
Health--wealth.....  
Bible--prayerbook....  
Memory--understanding.  
Sheep--lamb.....  
Bath--swim.....  
Cottage--house.....  
Swift--slow.....  
Blue--yellow.....  
Hungry--eat.....  
Priest--bishop.....  
Ocean--river.....  
Head--neck.....  
Stove--covers.....  
Long--short.....  
Religion--optional....  
Whiskey--wine.....  
Child--baby.....  
Bitter--sweet.....  
Hammer--gimlet.....  
Thirsty--drink.....  
City--town.....  
Square--compass.....  
Butter--butterfly....  
Doctor--lawyer.....  
Loud--lord.....  
Thief--beggar.....

Lion--lioness.....  
Joy--sorrow.....  
Bed--couch.....  
Heavy--light.....  
Tobacco--cigarette....  
Baby--child.....  
Moon--stars.....  
Scissors--knife.....  
Quiet--quilt.....  
Green--envy.....  
Salt--sewing.....  
Street--lane.....  
King--queen.....  
Cheese--cracker.....  
Blossom--flower.....  
Afraid--courageous....

CASE No. 2133.--M.F. Unclassified reactions, mostly "far fetched" or incoherent; perseveration.

Table--eat.....  
Dark--night.....  
Music--sing.....  
Sickness--sadness.....  
Man--home.....  
Deep--light.....  
Soft--sleep.....13  
Eating--drink.....  
Mountain--hills.....  
House--home.....  
Black--stove.....17  
Mutton--lamb.....  
Comfort--pleasure..... 1  
Hand--write.....  
Short--short-cake.....10  
Fruit--grapes.....  
Butterfly--butter.....  
Smooth--ironing.....  
Command--correct.....19  
Chair--see.....19  
Sweet--apples.....  
Whistle--happiness.... 1  
Woman--girl.....  
Cold--warm.....  
Slow--fast.....  
Wish--like.....  
River--water.....  
White--blue.....  
Beautiful--red.....13  
Window--light.....  
Rough--easy.....  
Citizen--spring.....19

Foot--run.....  
Spider--fly.....  
Needle--Carrie.....19  
Red--pink.....  
Sleep--awake.....  
Anger--jolly.....19  
Carpet--curtains.....  
Girl--yellow.....19  
High--green.....14  
Working--bed.....19  
Sour--dishes.....19  
Earth--grapes.....13  
Trouble--work.....1  
Soldier--sing.....15  
Cabbage--potatoes.....  
Hard--sewing.....17  
Eagle--daisy.....19  
Stomach--flowers.....18  
Stem--vine.....  
Lamp--flatiron.....19  
Dream--sleep.....  
Yellow--awake.....13  
Bread--children.....  
Justice--dresses.....14  
Boy--mother.....  
Light--dark.....  
Health--wealth.....  
Bible--commands.....2  
Memory--black.....13  
Sheep--chickens.....17  
Bath--carpet.....19  
Cottage--worsted.....14  
Swift--silk.....18  
Blue--cotton.....18  
Hungry--chair.....19  
Priest--church.....  
Ocean--spring.....15  
Head--canary.....19  
Stove--board.....  
Long--dishes.....18  
Religion--piano.....19  
Whiskey--home.....15  
Child--baby.....  
Bitter--shoes.....19  
Hammer--tacks.....  
Thirsty--longing.....  
City--Flushing.....17  
Square--store.....10  
Butter--butcher.....10  
Doctor--hat.....19  
Loud--chair.....15  
Thief--picture.....19  
Lion--house.....13

Joy--gladness.....  
Bed--sleep.....  
Heavy--sick..... 2  
Tobacco--album.....19  
Baby--basket.....17  
Moon--stars.....  
Scissors--knife.....  
Quiet--spoon.....18  
Green--scar.....19  
Salt--pepper.....  
Street--sugar.....18  
King--blackening.....19  
Cheese--meat.....  
Blossom--flowers.....  
Afraid--red.....18

CASE No. 4569.--L.K. Marked stereotypy; unclassified reactions,  
mostly incoherent.

Table--fruit.....17  
Dark--light.....  
Music--pleasure..... 1  
Sickness--illness.....  
Man--parent..... 6  
Deep--verse.....19  
Soft--fruit.....  
Eating--illness.....15  
Mountain--parent..... 6  
House--privilege.....19  
Black--colors..... 2  
Mutton--parent..... 6  
Comfort--family.....18  
Hand--comfort..... 7  
Short--parent..... 6  
Fruit--parent..... 5  
Butterfly--insect.....  
Smooth--surface.....  
Command--privilege....15  
Chair--house.....  
Sweet--dairy.....19  
Whistle--nature.....19  
Woman--parent..... 6  
Cold--house..... 6  
Slow--light.....15  
Wish--desire.....  
River--house..... 6  
White--suspicion.....19  
Beautiful--house..... 6  
Window--light.....  
Rough--surface.....  
Citizen--parent..... 6  
Foot--house.....

Spider--insect.....  
Needle--house..... 6  
Red--colors.....  
Sleep--God..... 6  
Anger--God..... 5  
Carpet--house.....  
Girl--God..... 6  
High--house.....  
Working--parent..... 6  
Sour--desire.....15  
Earth--God..... 6  
Trouble--God..... 5  
Soldier--house..... 6  
Cabbage--desire.....15  
Hard--vegetable.....  
Eagle--animal.....  
Stomach--doctor.....  
Stem--growth.....  
Lamp--house.....  
Dream--God..... 6  
Yellow--color.....  
Bread--God..... 6  
Justice--fright.....19  
Boy--parent..... 6  
Light--God..... 6  
Health--God..... 5  
Bible--teachings.....  
Memory--teaching..... 2  
Sheep--God..... 6  
Bath--cleanness.....  
Cottage--home.....  
Swift--fear.....19  
Blue--color.....  
Hungry--appetite.....  
Priest--servant.....  
Ocean--God..... 6  
Head--servant..... 6  
Stove--house.....  
Long--God..... 6  
Religion--servant..... 6  
Whiskey--doctor.....15  
Child--house..... 6  
Bitter--taste.....  
Hammer--household.....19  
Thirsty--drink.....  
City--God..... 6  
Square--touch.....19  
Butter--taste.....  
Doctor--servant..... 6  
Loud--thought..... 9  
Thief--slave.....19  
Lion--animal.....  
Joy--pleasure..... 1

Bed--household.....15  
Heavy--weight.....  
Tobacco--doctor.....15  
Baby--care.....  
Moon--heavens.....  
Scissors--household...15  
Quiet--nerve.....19  
Green--substance.....19  
Salt--taste.....  
Street--heavens.....15  
King--servant..... 6  
Cheese--taste.....  
Blossom--sight.....  
Afraid--fear.....

CASE No. 6164.--L.E. Remarkably persistent tendency to give sound reactions; numerous sound neologisms; no reactions given in response to some of the stimulus words on the ground that she had "no word to match."

Table--witchhazel.....10  
Dark--frog.....19  
Music--lessons..... 2  
Sickness--badness..... 2  
Man--wife.....  
Deep--seef..... 4  
Soft--shoft..... 3  
Eating--feeding.....  
Mountain--sounding....10  
House--shmouse..... 3  
Black--fake.....19  
Mutton--shutton..... 3  
Comfort--somfort..... 3  
Hand--land.....10  
Short--court.....10  
Fruit--shrewd.....10  
Butterfly--shuddergergy.. 3  
Smooth--slude..... 3  
Command--noman..... 3  
Chair--sash.....19  
Sweet--leaf.....19  
Whistle--noshissel.... 3  
Woman--lemon.....19  
Cold--shoal.....10  
Slow--snow.....10  
Wish--dish.....  
River--liberty.....10  
White--size.....10  
Beautiful--.....  
Window--Hilda.....19  
Rough--shoff..... 3  
Citizen--shiffizen.... 3

Foot--shoot.....10  
Spider--shider..... 3  
Needle--dreedle..... 3  
Red--shred.....10  
Sleep--seef..... 3  
Anger--.....  
Carpet--shloppet..... 3  
Girl--shirl..... 3  
High--fie.....10  
Working--shlirking.... 3  
Sour--bower.....10  
Earth--world.....  
Trouble--shuttle.....19  
Soldier--polster..... 3  
Cabbage--sheffies..... 4  
Hard--shward..... 3  
Eagle--.....  
Stomach--.....  
Stem--lamp.....19  
Lamp--sant..... 4  
Dream--leam..... 3  
Yellow--cherry.....19  
Bread--dread.....10  
Justice--chestnuts....10  
Boy--.....  
Light--shwife..... 3  
Health--felt..... 2  
Bible--.....  
Memory--.....  
Sheep--sheet.....10  
Bath--scab.....19  
Cottage--foppach..... 3  
Swift--shift.....10  
Blue--shoe.....10  
Hungry--angry.....  
Priest--sheaf.....19  
Ocean--notion.....10  
Head--shred.....10  
Stove--shove..... 3  
Long--song.....10  
Religion--switching...19  
Whiskey--chiston..... 4  
Child--kile..... 3  
Bitter--shitter..... 3  
Hammer--lemon.....13  
Thirsty--flrsten..... 3  
City--.....  
Square--birds.....19  
Butter--shudder.....10  
Doctor--shoctor..... 3  
Loud--souse.....10  
Thief--sheaf.....10  
Lion--Zion.....10

Joy--bloy..... 3  
Bed--wading.....19  
Heavy--shleavy..... 3  
Tobacco--confecker.... 4  
Baby--savey..... 3  
Moon--shoon..... 3  
Scissors--.....  
Quiet--shiet..... 3  
Green--sheel..... 4  
Salt--shawlt..... 3  
Street--freet..... 3  
King--sing.....10  
Cheese--seefs..... 4  
Blossom--pleasant..... 9  
Afraid--shraid..... 3

CASE No. 3606.--F.W. Neologisms; some particles; many unclassified reactions, mostly incoherent.

Table--pleasure..... 9  
Dark--air.....19  
Music--walking.....19  
Sickness--gloves.....19  
Man--fields.....19  
Deep--courtesy.....19  
Soft--spoons.....19  
Eating--oranges.....  
Mountain--ice.....17  
House--paintings..... 2  
Black--blue.....  
Mutton--hemisphere....19  
Comfort--flowers.....19  
Hand--sawdust.....19  
Short--peanuts.....19  
Fruit--autoharp.....19  
Butterfly--disease....19  
Smooth--ice.....  
Command--botheration..19  
Chair--tea.....19  
Sweet--arrangement....19  
Whistle--steadfast....19  
Woman--flowers.....15  
Cold--grandeur.....19  
Slow--present.....19  
Wish--mania.....19  
River--courtesy.....15  
White--ink.....17  
Beautiful--flowers....  
Window--air.....  
Rough--enjoyment.....19  
Citizen--queer.....19  
Foot--hatred.....19

Spider--carousy..... 4  
Needle--pleasant..... 9  
Red--permit.....19  
Sleep--indeed.....12  
Anger--benevolence....19  
Carpet--disorder..... 19  
Girl--caterer.....19  
High--aside.....10  
Working--among..... 12  
Sour--destroy.....19  
Earth--confusion.....19  
Trouble--frivolous....19  
Soldier--air..... 15  
Cabbage--temptation...19  
Hard--among..... 12  
Eagle--quality..... 19  
Stomach--debasteur... 4  
Stem--counteract.....19  
Lamp--testament.....19  
Dream--connexus..... 4  
Yellow--division.....19  
Bread--atherey..... 4  
Justice--anger.....19  
Boy--quality.....15  
Light--among.....12  
Health--frivolous....15  
Bible--permit.....15  
Memory--usual.....19  
Sheep--astray.....  
Bath--conscientious...19  
Cottage--texalous.... 4  
Swift--patience.....19  
Blue--community.....19  
Hungry--confusion....15  
Priest--second.....19  
Ocean--apology.....19  
Head--trinity.....19  
Stove--compartment....19  
Long--terminal.....19  
Religion--abundant...19  
Whiskey--approvement.. 4  
Child--anger..... 15  
Bitter--courageous....19  
Hammer--correction....19  
Thirsty--afterwards...12  
City--cataract.....19  
Square--plenty.....19  
Butter--accost..... 19  
Doctor--southern.....19  
Loud--triangular.....19  
Thief--cannery.....19  
Lion--practice.....19  
Joy--summons.....19

Bed--avron..... 4  
 Heavy--olenthegolis... 4  
 Tobacco--abundant.....15  
 Baby--parenthus..... 4  
 Moon--otherwise.....12  
 Scissors--cartridge...19  
 Quiet--outside.....12  
 Green--abouty..... 4  
 Salt--calonry..... 4  
 Street--abyss.....19  
 King--cavenry..... 4  
 Cheese--perplex.....19  
 Blossom--cartridge...15  
 Afraid--stubborn.....19

#### EPILEPSY.

Most of the cases of epilepsy in our collection show advanced dementia and in some the clinical history would indicate also original mental inferiority, that is to say, imbecility or feeble-mindedness.

In these cases the dominant characteristic, so far as shown in the test records, seems to be a narrowing of the mental horizon manifested firstly by a tendency to repeat many times one or another word, and secondly by an abnormally pronounced tendency to make use of non-specific reactions or particles of speech. Occasionally other abnormalities are noted, such as perseveration or distraction.

We submit here copies of some test records.

CASE No. 5410.--W.T.K. Repetition of words previously given; nonspecific reactions.

Table--article..... 1  
 Dark--light.....  
 Music--tone.....  
 Sickness--ill.....  
 Man--person..... 1  
 Deep--distant..... 2  
 Soft--condition..... 6  
 Eating--chew.....  
 Mountain--high.....  
 House--abode.....  
 Black--color.....  
 Mutton--meat.....  
 Comfort--peace.....  
 Hand--limb.....  
 Short--distance.....  
 Fruit--result.....  
 Butterfly--animal.....  
 Smooth--plain.....

Command--order.....  
Chair--seat.....  
Sweet--pleasant..... 1  
Whistle--sound.....  
Woman--female.....  
Cold--chilly.....  
Slow--pace.....  
Wish--desire.....  
River--body.....  
White--clear.....  
Beautiful--grand.....  
Window--place.....13  
Rough--unsmooth..... 4  
Citizen--member.....  
Foot--member.....  
Spider--animal.....  
Needle--article..... 1  
Bed--color.....  
Sleep--rest.....  
Anger--condition..... 6  
Carpet--covering.....  
Girl--female.....  
High--distance.....  
Working--occupation...  
Sour--condition..... 6  
Earth--planet.....  
Trouble--condition.... 6  
Soldier--member..... 6  
Cabbage--vegetable....  
Hard--condition..... 6  
Eagle--animal.....  
Stomach--member.....  
Stem--branch.....  
Lamp--article..... 1  
Dream--thinking..... 1  
Yellow--shade.....  
Bread--article..... 6  
Justice--position.....19  
Boy--male.....  
Light--clear.....  
Health--condition....  
Bible--book.....  
Memory--condition.... 6  
Sheep--animal.....  
Bath--position.....15  
Cottage--house.....  
Swift--fast.....  
Blue--color.....  
Hungry--condition.... 6  
Priest--office.....  
Ocean--body.....  
Head--member.....  
Stove--article..... 1

Long--distance.....  
Religion--profession..  
Whiskey--liquid.....  
Child--person..... 1  
Bitter--condition..... 6  
Hammer--article..... 1  
Thirsty--condition.... 6  
City--place.....  
Square--honest.....  
Butter--article..... 6  
Doctor--profession....  
Loud--sound.....  
Thief--position.....15  
Lion--animal.....  
Joy--pleasant..... 1  
Bed--article..... 6  
Heavy--weight.....  
Tobacco--plant.....  
Baby--person..... 1  
Moon--planet.....  
Scissors--article..... 1  
Quiet--peaceful.....  
Green--shade.....  
Salt--article..... 1  
Street--place.....  
King--ruler.....  
Cheese--article..... 6  
Blossom--plant.....  
Afraid--fear.....

CASE No. 2208.--J.A. Repetition of words previously given;  
non-specific reactions.

Table--wood.....  
Dark--chairs.....13  
Music--wood.....14  
Sickness--dropsy.....17  
Man--body.....  
Deep--well.....  
Soft--lady.....19  
Eating--man..... 6  
Mountain--hills.....  
House--barns..... 2  
Black--horse.....  
Mutton--sheep.....  
Comfort--poison.....19  
Hand--man..... 1  
Short--people..... 1  
Fruit--trees.....  
Butterfly--tree.....  
Smooth--people..... 6  
Command--general.....

Chair--hands.....16  
Sweet--fruit.....  
Whistle--man..... 1  
Woman--people..... 1  
Cold--ice.....  
Slow--people..... 6  
Wish--dead.....19  
River--lakes.....  
White--foam.....17  
Beautiful--man..... 1  
Window--glass.....  
Rough--people..... 6  
Citizen--man..... 1  
Foot--people..... 6  
Spider--barn.....15  
Needle--clothes.....  
Red--blood.....  
Sleep--bed.....  
Anger--angry.....  
Carpet--stores.....19  
Girl--ladies..... 2  
High--mountain.....  
Working--people..... 6  
Sour--fruit.....  
Earth--clay.....  
Trouble--bad..... 1  
Soldier--man..... 1  
Cabbage--field.....  
Hard--case.....19  
Eagle--bird.....  
Stomach--man..... 1  
Stem--pipe.....  
Lamp--fire.....  
Dream--bad..... 1  
Yellow--chair.....15  
Bread--rye.....  
Justice--right.....  
Boy--bad..... 1  
Light--ship.....19  
Health--pig.....19  
Bible--man..... 6  
Memory--mind.....  
Sheep--mutton.....  
Bath--water.....  
Cottage--house.....  
Swift--ship.....15  
Blue--lines.....17  
Hungry--people..... 6  
Priest--man..... 1  
Ocean--deep.....  
Head--bad..... 9  
Stove--wood.....  
Long--trees..... 2

Religion--form.....19  
Whiskey--apples.....17  
Child--people..... 1  
Bitter--apples.....  
Hammer--axe.....  
Thirsty--drink.....  
City--towns.....

Square--measurement...  
Butter--cows.....  
Doctor--person..... 1  
Loud--people..... 1  
Thief--person..... 1  
Lion--animal.....  
Joy--person..... 9  
Bed--man..... 6  
Heavy--mountain.....  
Tobacco--growing.....  
Baby--person..... 1  
Moon--people..... 6  
Scissors--cutting.....  
Quiet--mind.....  
Green--cloud.....19  
Salt--planting.....13  
Street--walk.....  
King--human.....19  
Cheese--milk.....  
Blossom--flowers.....  
Afraid--human.....15

CASE No. 01218.--E.M. Repetition of words previously given;  
non-specific reactions.

Table--tablecloth.....  
Dark--dog.....  
Music--figure.....17  
Sickness--drink.....17  
Man--people..... 1  
Deep--pull.....19  
Soft--light.....  
Eating--think..... 1  
Mountain--well.....13  
House--plumber.....17  
Black--horse.....  
Mutton--park.....19  
Comfort--nice..... 1  
Hand--use..... 1  
Short--long.....  
Fruit--figs.....  
Butterfly--cloth.....19  
Smooth--nice..... 1  
Command--pleasant..... 6

Chair--wash.....19  
Sweet--sour.....  
Whistle--mug.....19  
Woman--pear.....19  
Cold--warm.....  
Slow--quickness.....  
Wish--nice..... 1  
River--pleasant..... 1  
White--use..... 6  
Beautiful--comfort....19  
Window--looks..... 2  
Rough--pleasant..... 6  
Citizen--comfort.....15  
Foot--help.....  
Spider--wake.....19  
Needle--use..... 1  
Red--look.....15  
Sleep--good..... 1  
Anger--no.....12  
Carpet--make.....19  
Girl--happy..... 9  
High--nice..... 6  
Working--pleasant.... 1  
Sour--bag.....19  
Earth--ground.....  
Trouble--good..... 6  
Soldier--clothes.....  
Cabbage--eat.....  
Hard--good..... 1  
Eagle--pleasant..... 6  
Stomach--hurt.....  
Stem--use..... 1  
Lamp--lighted.....  
Dream--pleasant..... 1  
Yellow--wake.....15  
Bread--making.....  
Justice--help.....  
Boy--pleasant..... 6  
Light--big.....19  
Health--nice..... 6  
Bible--use..... 1  
Memory--no.....12  
Sheep--pleasant..... 1  
Bath--good..... 6  
Cottage--useful.....  
Swift--quick.....  
Blue--good..... 1  
Hungry--sour.....15  
Priest--good..... 1  
Ocean--useful..... 6  
Head--nice..... 6  
Stove--lighted..... 2  
Long--lake.....19

Religion--pleasant.... 6  
Whiskey--use..... 6  
Child--help..... 6  
Bitter--sour.....  
Hammer--stick.....19  
Thirsty--drink.....  
City--handy.....19  
Square--pleasant..... 6  
Butter--useful..... 1  
Doctor--help.....  
Loud--make.....15  
Thief--punish..... 2  
Lion--bad..... 9  
Joy--happy..... 1  
Bed--pleasant..... 1  
Heavy--light.....  
Tobacco--pleasant.... 1  
Baby--help..... 6  
Moon--sun.....  
Scissors--pleasant.... 6  
Quiet--sleep.....  
Green--beans.....10  
Salt--handy.....15  
Street--make.....15  
King--nice..... 6  
Cheese--good..... 1  
Blossom--pleasant.... 1  
Afraid--will.....19

CASE No. 4989.--C.H. Repetition of words previously given;  
non-specific reactions; particles.

Table--work..... 1  
Dark--true.....19  
Music--pleasant..... 1  
Sickness--well.....  
Man--absent.....19  
Deep--together.....12  
Soft--plenty..... 6  
Eating--good..... 1  
Mountain--together....12  
House--one.....12  
Black--America.....19  
Mutton--vegetable.... 2  
Comfort--sleep.....  
Hand--nothing.....19  
Short--never.....12  
Fruit--vegetable.....  
Butterfly--bird.....  
Smooth--large..... 9  
Command--willing.....  
Chair--good..... 6

Sweet--always..... 6  
Whistle--music.....  
Woman--one.....12  
Cold--medium..... 6  
Slow--quick.....  
Wish--hope.....  
River--lake.....  
White--always..... 6  
Beautiful--medium..... 6  
Window--open.....  
Rough--smooth.....  
Citizen--American.....  
Foot--two.....  
Spider--butterfly.....  
Needle--steel.....  
Red--color.....  
Sleep--plenty.....  
Anger--never.....  
Carpet--floor.....  
Girl--five.....12  
High--medium.....  
Working--always.....  
Sour--never..... 6  
Earth--cultivate.....17  
Trouble--none.....  
Soldier--willing.....15  
Cabbage--vegetable....  
Hard--seldom.....12  
Eagle--American.....  
Stomach--no.....12  
Stem--one.....12  
Lamp--burning.....  
Dream--always..... 6  
Yellow--sometimes.....12  
Bread--soft.....  
Justice--always.....  
Boy--two.....12  
Light--plenty.....  
Health--plenty.....  
Bible--Catholic.....17  
Memory--good..... 1  
Sheep--wool.....  
Bath--good..... 1  
Cottage--plenty..... 6  
Swift--medium..... 6  
Blue--never..... 6  
Hungry--seldom..... 6  
Priest--good..... 1  
Ocean--three.....12  
Head--good..... 1  
Stove--burning.....  
Long--medium.....  
Religion--willing.....15

Whiskey--some.....19  
Child--good..... 1  
Bitter--never..... 6  
Hammer--tool.....  
Thirsty--seldom..... 6  
City--New York.....  
Square--always..... 6  
Better--good..... 1  
Doctor--good..... 1  
Loud--medium..... 6  
Thief--none.....  
Lion--animal.....  
Joy--plenty..... 6  
Bed--good..... 1  
Heavy--medium..... 6  
Tobacco--yes.....12  
Baby--more.....19  
Moon--bright.....  
Scissors--sharp.....  
Quiet--plenty..... 6  
Green--good..... 6  
Salt--little.....19  
Street--lots.....18  
King--none.....  
Cheese--seldom..... 6  
Blossom--always..... 6  
Afraid--sometimes.....15

CASE No. 4847.--C.C. Distraction

Table--eat.....  
Dark--lock.....10  
Music--fiddle.....  
Sickness--doctors..... 2  
Man--woman..... 1  
Deep--water.....  
Soft--snow.....  
Eating--oats.....17  
Mountain--spray.....19  
House--building.....  
Black--red.....15  
Mutton--meat..... 9  
Comfort--red.....15  
Hand--people..... 9  
Short--world.....19  
Fruit--age.....18  
Butterfly--bird.....  
Smooth--eggs.....18  
Command--cake.....19  
Chair--world.....15  
Sweet--cherries.....  
Whistle--peaches.....18

Woman--children.....  
Cold--summer.....17  
Slow--brother.....19  
Wish--pear.....19  
River--orange.....18  
White--black.....  
Beautiful--red.....13  
Window--door.....  
Rough--table.....  
Citizen--couch.....19  
Foot--arm.....  
Spider--fly.....  
Needle--scissors.....17  
Red--blue.....  
Sleep--pink.....13  
Anger--box.....19  
Carpet--rug.....  
Girl--boy.....  
High--play.....  
Working--cup.....19  
Sour--bread.....17  
Earth--picture.....19  
Trouble--soap.....19  
Soldier--towel.....18  
Cabbage--turnip.....  
Hard--tree.....  
Eagle--clock.....19  
Stomach--eat.....  
Stem--soap.....15  
Lamp--oil.....  
Dream--glass.....13  
  
Yellow--bottle.....18  
Bread--soap.....15  
Justice--pencil.....19  
Boy--picture.....15  
Light--darkness.....  
Health--washstand.....19  
Bible--book.....  
Memory--saucer.....19  
Sheep--chair.....19  
Bath--bureau.....14  
  
Cottage--pan.....19  
Swift--towel.....15  
Blue--wash.....2  
Hungry--eat.....  
Priest--church.....  
Ocean--beans.....19  
Head--prunes.....18  
Stove--cook.....  
Long--fig.....19  
Religion--church.....

Whiskey--tea.....17  
Child--people..... 1  
Bitter--stomach.....19  
Hammer--tack.....  
Thirsty--peach.....15  
City--box.....15  
Square--soap.....15  
Butter--lard.....  
Doctor--sick.....  
Loud--head.....19  
Thief--cup.....15  
Lion--bottle.....15  
Joy--pitcher.....19  
Bed--sheet.....  
Heavy--blanket.....13  
Tobacco--mustard.....19  
Baby--pepper.....18  
Moon--heater.....19  
Scissors--string.....  
Quiet--lace.....19  
Green--red.....  
Salt--soda.....17  
Street--soldier.....19  
King--box.....15  
Cheese--cake.....  
Blossom--shell.....19  
Afraid--blotter.....19

CASE No. 3597.--L.T. Some neologisms, all possessing obvious meaning.

Table--stand.....  
Dark--light.....  
Music--instrument.....  
Sickness--health.....  
Man--female.....  
Deep--detableness..... 4  
Soft--hard.....  
Eating--starving.....  
Mountain--isthmus.....17  
House--building.....  
Black--white.....  
Mutton--beef.....  
Comfort--patient.....  
Hand--leg.....  
Short--long.....  
Fruit--vegetable.....  
Butterfly--spider.....  
Smooth--coarse.....  
Command--thought..... 1  
Chair--utensil.....19  
Sweet--sour.....  
Whistle--trumpet.....

Woman--man..... 1  
Cold--warm.....  
Slow--quick.....  
Wish--command.....  
River--lake.....  
White--black.....  
Beautiful--pretty..... 1  
Window--door.....  
Rough--straight.....  
Citizen--tramp.....19  
Foot--arm.....  
Spider--fly.....  
Needle--pin.....  
Red--blue.....  
Sleep--awake.....  
Anger--patient..... 2  
Carpet--rug.....  
Girl--servant.....  
High--low.....  
Working--laziness.....  
Sour--sweet.....  
Earth--hemisphere.....  
Trouble--goodness..... 9  
Soldier--merchant.....17  
Cabbage--pumpkin.....17  
Hard--tight.....  
Eagle--hawk.....  
Stomach--abdomen.....  
Stem--leaf.....  
Lamp--lantern.....  
Dream--nightmare.....  
Yellow--lavender.....17  
Bread--pastry.....  
Justice--badness..... 2  
Boy--child.....  
Light--darkness.....  
Health--sickness.....  
Bible--testament.....  
Memory--remember.....  
Sheep--lamb.....  
Bath--dirtiness..... 2  
Cottage--building.....  
Swift--quickly.....  
Blue--redness..... 2  
Hungry--starving.....  
Priest--minister.....  
Ocean--sea.....  
Head--topness..... 4  
Stove--cooking.....  
Long--shorter..... 2  
Religion--wickedness..  
Whiskey--medicine.....  
Child--daughter.....

Bitter--sweetness..... 2  
 Hammer--pickaxe.....17  
 Thirsty--drinkness.... 4  
 City--village.....  
 Square--strightness... 2  
 Butter--syrup.....17  
 Doctor--queen.....19  
 Loud--low.....  
 Thief--burglar.....  
 Lion--tiger.....  
 Joy--enjoyable..... 2  
 Bed--bedstead.....  
 Heavy--lightness.....  
 Tobacco--sweetness.... 2  
 Baby--infant.....  
 Moon--sun.....  
 Scissors--shears.....  
 Quite--noisiness..... 4  
 Green--greenbill..... 3  
 Salt--sugar.....  
 Street--island.....19  
 King--nephew.....19  
 Cheese--curdness..... 4  
 Blossom--bud.....  
 Afraid--knowledgeable. 4

#### GENERAL PARESIS.

Cases presenting no considerable dementia or confusion and cases in a state of remission are apt to give normal test records. As we proceed from the records of such cases to those of cases showing mental deterioration we observe a gradual reduction in the values of reactions, contraction of the mental horizon,[1] and the appearance of the phenomenon of perseveration. We submit the following test records for illustration:

[Footnote 1: What we mean by contraction of the mental horizon has already been described in connection with epilepsy, page 47.]

CASE No. 4047.--C.A.F. Almost complete remission of all mental symptoms. Normal record.

Table--dish.....  
 Dark--light.....  
 Music--sound.....  
 Sickness--disease.....  
 Man--woman..... 1  
 Deep--fathomless.....  
 Soft--sweet.....  
 Eating--food.....  
 Mountain--high.....  
 House--barn.....

Black--color.....  
Mutton--meat.....  
Comfort--ease.....  
Hand--foot.....  
Short--long.....  
Fruit--sweet.....  
Butterfly--moth.....  
Smooth--rough.....  
Command--order.....  
Chair--leg.....  
Sweet--pleasant..... 1  
Whistle--sound.....  
Woman--female.....  
Cold--ice.....  
Slow--languid.....17  
Wish--desire.....  
River--long.....  
White--color.....  
Beautiful--fair.....  
Window--glass.....  
Rough--smooth.....  
Citizen--voter.....  
Foot--toe.....  
Spider--fly.....  
Needle--sharp.....  
Red--color.....  
Sleep--slumber.....  
Anger--rage.....  
Carpet--sweep.....  
Girl--maiden.....  
High--lofty.....  
Working--toiling.....  
Sour--distasteful.....  
Earth--ground.....  
Trouble--sorrow.....  
Soldier--fighter.....  
Cabbage--leaf.....  
Hard--easy.....  
Eagle--fly.....  
Stomach--food.....  
Stem--petal.....  
Lamp--light.....  
Dream--slumber.....  
Yellow--color.....  
Bread--eat.....  
Justice--judgment.....  
Boy--youth.....  
Light--lamp.....  
Health--nature.....17  
Bible--holy.....  
Memory--remember.....  
Sheep--lamb.....  
Bath--water.....

Cottage--house.....  
Swift--fast.....  
Blue--color.....  
Hungry--famished.....  
Priest--holy.....  
Ocean--sea.....  
Head--top.....  
Stove--fire.....  
Long--short.....  
Religion--holy.....  
Whiskey--drink.....  
Child--infant.....  
Bitter--sour.....  
Hammer--knock.....  
Thirsty--drink.....  
City--town.....  
Square--round.....  
Butter--eat.....  
Doctor--physician.....  
Loud--knock.....  
Thief--steal.....  
Lion--tiger.....  
Joy--happiness..... 1  
Bed--sleep.....  
Heavy--weigh.....  
Tobacco--smoke.....  
Baby--child.....  
Moon--stars.....  
Scissors--cut.....  
Quiet--soft.....  
Green--color.....  
Salt--food.....  
Street--lane.....  
King--queen.....  
Cheese--eat.....  
Blossom--flower.....  
Afraid--fear.....

CASE No. 6660.--F.F. Repetition of words previously given;  
non-specific reactions; unclassified reactions some of which are  
"circumstantial" (see page 25).

Table--bureau.....19  
Dark--boats..... 2  
Music--piano.....  
Sickness--doctor.....  
Man--sober.....19  
Deep--cellar.....  
Soft--easy.....  
Eating--chewing.....  
Mountain--climb.....  
House--tenants..... 2

Black--color.....  
Mutton--meat.....  
Comfort--easy.....  
Hand--use..... 1  
Short--stump..... 2  
Fruit--nice..... 1  
Butterfly--like..... 6  
Smooth--clean.....  
Command--faithful..... 17  
Chair--easy.....  
Sweet--like..... 6  
Whistle--good..... 6  
Woman--like..... 6  
Cold--medicine.....  
Slow--l..... 12  
Wish--like.....  
River--boats.....  
White--sheet.....  
Beautiful--flowers....  
Window--red..... 14  
Rough--streets..... 2  
Citizen--honest.....  
Foot--walking.....  
Spider--kill..... 10  
Needle--sew.....  
Red--nice..... 6  
Sleep--rest.....  
Anger--cross.....  
Carpet--good..... 6  
Girl--nice..... 1  
High--good..... 1  
Working--well..... 19  
Sour--bitter.....  
Earth--property..... 19  
Trouble--fighting....  
Soldier--good..... 1  
Cabbage--eat.....  
Hard--sorry..... 19  
Eagle--good..... 6  
Stomach--good..... 1  
Stem--fair..... 19  
Lamp--use..... 1  
Dream--now..... 12  
Yellow--color.....  
Bread--good..... 1  
Justice--fine..... 1  
Boy--good..... 1  
Light--good..... 1  
Health--right..... 19  
Bible--home.....  
Memory--good..... 1  
Sheep--like..... 6  
Bath--good..... 1

Cottage--fine..... 1  
 Swift--go.....  
 Blue--nice..... 6  
 Hungry--bad..... 1  
 Priest--Father.....  
 Ocean--boats.....  
 Head--brains.....  
 Stove--heat.....  
 Long--streets.....  
 Religion--Catholic....  
 Whiskey--bad..... 1  
 Child--good..... 1  
 Bitter--sorrow.....  
 Hammer--use..... 1  
 Thirsty--drink.....  
 City--Brooklyn.....  
 Squares--park..... 2  
 Butter--ice.....19  
 Doctor--cure.....  
 Loud--holler.....  
 Thief--no..... 2  
 Lion--no..... 6  
 Joy--hope.....  
 Bed--rest.....  
 Heavy--loud.....  
 Tobacco--good..... 1  
 Baby--good..... 1  
 Moon--light.....  
 Scissors--use..... 1  
 Quiet--good..... 1  
 Green--nice..... 6  
 Salt--use..... 1  
 Street--nice..... 1  
 King--right.....19  
 Cheese--nice..... 1  
 Blossom--grow.....  
 Afraid--no.....

CASE No. 618.--R.N. Numerous particles of speech; some unclassified  
 reaction, chiefly "circumstantial" (see page 25).

Table--eat.....  
 Dark--cloudy.....  
 Music--fond.....19  
 Sickness--well.....  
 Man--human.....  
 Deep--ocean.....  
 Soft--fine..... 1  
 Eating--yes..... 6  
 Mountain--yes..... 5  
 House--yes..... 5  
 Black--yes..... 5

Mutton--yes..... 5  
Comfort--yes..... 5  
Hand--finger.....  
Short--yes..... 6  
Fruit--yes..... 5  
Butterfly--yes..... 5  
Smooth--even.....  
Command--obey.....  
Chair--settle.....17  
Sweet--bitter.....  
Whistle--can't.....19  
Woman--lady.....  
Cold--ice.....  
Slow--fast.....  
Wish--give.....  
River--enjoyment.....19  
White--black.....  
Beautiful--yes..... 6  
Window--pane.....  
Rough--smooth.....  
Citizen--yes..... 6  
Foot--one.....12  
Spider--yes..... 6  
Needle--sewing.....  
Red--blue.....  
Sleep--nap.....17  
Anger--willing..... 19  
Carpet--yes..... 6  
Girl--nature.....19  
High--low.....  
Working--artist.....17  
Sour--sweet.....  
Earth--world.....  
Trouble--peaceful....  
  
Soldier--no.....12  
Cabbage--vegetable....  
Hard--soft.....  
Eagle--American.....  
Stomach--condition....  
Stem--post.....17  
Lamp--light.....  
Dream--thinking..... 1  
Yellow--green.....  
Bread--loaf.....  
Justice--yes.....  
Boy--human.....  
Light--heaven.....  
Health--wealth.....  
Bible--yes..... 6  
Memory--yes..... 5  
Sheep--animal.....  
Bath--yes..... 6

Cottage--yes..... 5  
Swift--fast.....  
Blue--gray.....  
Hungry--no.....  
Priest--yes..... 6  
Ocean--water.....  
Head--human.....  
Stove--coal.....  
Long--short.....  
Religion--yes..... 6  
Whiskey--no.....12  
Child--baby.....  
Bitter--sweet.....  
Hammer--pincher.....17  
Thirsty--drinking.....  
City--population.....  
Square--circle.....  
Butter--lard.....  
Doctor--physician.....  
Loud--low.....  
Thief--penalty.....17  
Lion--liar.....10  
Joy--welcome.....17  
Bed--sleep.....  
Heavy--light.....  
Tobacco--yes..... 6  
Baby--human.....  
Moon--natural.....15  
Scissors--no.....12  
Quiet--yes..... 6  
Green--shade.....  
Salt--eat.....  
Street--town.....  
King--ruler.....  
Cheese--eat.....  
Blossom--blooming.....  
Afraid--scared.....

CASE No. 6518.--C.Z. Perseveration shown by numerous instances of association to preceding reaction.

Table--horse.....19  
Dark--wren.....10  
Music--lark.....18  
Sickness--cold.....  
Man--woman..... 1  
Deep--sea.....  
Soft--hard.....  
Eating--drinking.....  
Mountain--fountain....  
House--barn.....  
Black--stable.....13

Mutton--cow.....  
Comfort--horse.....18  
Hand--lamb.....  
Short--calf.....  
Fruit--apples.....  
Butterfly--oranges.... 2  
Smooth--peaches.....18  
Command--plums.....18  
Chair--bench.....  
sweet--sugar.....  
Whistle--drum.....17  
Woman--man..... 1  
Cold--hot.....  
Slow--fast.....  
Wish--who.....12  
River--water.....  
White--blue.....  
Beautiful--splendid...  
Window--sashes..... 2  
Rough--ready.....  
Citizen--Brooklyn.....  
Foot--shoe.....  
Spider--web.....  
Needle--pin.....  
Red--blue.....  
Sleep--awake.....  
Anger--bad..... 1  
Carpet--sweeper.....  
Girl--boy.....  
High--low.....  
Working--playing.....  
Sour--sweet.....  
Earth--ground.....  
Trouble--wheelbarrow..19  
Soldier--Mexican.....17  
Cabbage--potatoes.....  
Hard--beets.....18  
Eagle--carrots.....18  
Stomach--peas.....18  
Stem--peas..... 5  
Lamp--burning.....  
Dream--happy..... 1  
Yellow--blue.....  
Bread--green.....12  
Justice--freedom.....  
Boy--girl.....  
Light--burning.....  
Health--strength.....  
Bible--prayerbook.....  
Memory--thoughts..... 1  
Sheep--lamb.....  
Bath--water.....  
Cottage--house.....

Swift--whist.....10  
 Blue--red.....  
 Hungry--eating.....  
 Priest--Father.....  
 Ocean--mother.....18  
 Head--brother.....18  
 Stove--sister.....18  
 Long--freedom.....15  
 Religion--smart.....19  
 Whiskey--wine.....  
 Child--lamb.....19  
 Bitter--goat.....18  
 Hammer--nails.....  
 Thirsty--dry.....  
 City--talking.....19  
 Square--inches.....  
 Butter--cheese.....  
 Doctor--bread.....13  
 Loud--oranges.....15  
 Thief--almonds.....18  
 Lion--apples.....18  
 Joy--grapes.....18  
 Bed--peaches.....18  
 Heavy--cranberries....18  
 Tobacco--grapes.....18  
 Baby--watermelon.....18  
 Moon--muskmelons.....18  
 Scissors--citrons.....10  
 Quiet--squashes.....18  
 Green--pumpkins.....18  
 Salt--cucumbers.....18  
 Street--tomatoes.....18  
 Kings--pears.....18  
 Cheese--apples.....18  
 Blossom--cherries.....  
 Afraid--gooseberries..18

CASE No. 5329.--B.W. Perseveration; record almost entirely made up of instances of association to preceding reaction.

Table--San Francisco...19  
 Dark--comprehensible...19  
 Music--sinking.....  
 Sickness--Brooklyn.....19  
 Man--woman..... 1  
 Deep--amazing.....19  
 Soft--pleasant..... 9  
 Eating--digesting.....  
 Mountain--gulf.....17  
 House--peninsula.....18  
 Black--Constantinople..18  
 Mutton--Bermuda.....18

Comfort--Los Angeles...18  
Hand--Cuba.....18  
Short--cities.....18  
Fruit--Iowa.....18  
Butterfly--England.....18  
Smooth--Russia.....18  
Command--Turkey.....18  
Chair--Manila.....18  
Sweet--Porto Rico.....18  
Whistle--Washington....18  
Woman--Cincinnati.....18  
Cold--Pittsburg.....18  
Slow--Philadelphia.....  
Wish--Milwaukee.....18  
River--St. Louis.....18  
White--Japan.....18  
Beautiful--China.....18  
Window--Berlin.....18  
Rough--Glasgow.....18  
Citizen--London.....18  
Foot--Dublin.....18  
Spider--Sacramento....18  
Needle--Texas.....18  
Red--North Carolina....18  
Sleep--Florida.....18  
Anger--Seattle.....18  
Carpet--Nevada.....18  
Girl--Iowa.....15  
High--Virginia.....18  
Working--Louisiana....18  
Sour--Hawaii.....18  
Earth--Connecticut....18  
Trouble--Rhode Island..18  
Soldier--Vermont.....18  
Cabbage--Massachusetts.18  
Hard--Hudson.....18  
Eagle--East River.....18  
Stomach--Staten Island.18  
Stem--Kings Park.....18  
Lamp--Fort Lee.....18  
Dream--Long Island....18  
Yellow--Greenport.....18  
Bread--Southold.....18  
Justice--Northport....18  
Boy--New Jersey.....18  
Light--Rome.....18  
Health--Italy.....18  
Bible--Episcopal.....17  
Memory--Methodist.....18  
Sheep--Congregational..18  
Bath--Baptist.....18  
Cottage--minister.....18  
Swift--physician.....18

|                              |    |
|------------------------------|----|
| Blue--horse.....             | 18 |
| Hungry--cow.....             | 18 |
| Priest--Catholics.....       |    |
| Ocean--lake.....             |    |
| Head--bay.....               | 13 |
| Stove--sound.....            | 18 |
| Long--Island.....            |    |
| Religion--Boston.....        | 18 |
| Whiskey--Harvard.....        | 18 |
| Child--Yale.....             | 18 |
| Bitter--Columbia.....        | 18 |
| Hammer--library.....         | 18 |
| Thirsty--Carnegie.....       | 18 |
| City--Rockefeller.....       | 18 |
| Square--Harriman.....        | 18 |
| Butter--Leggitt.....         | 18 |
| Doctor--Lincoln.....         | 18 |
| Loud--Roosevelt.....         | 18 |
| Thief--Taft.....             | 18 |
| Lion--Gaynor.....            | 18 |
| Joy--Slocum.....             | 18 |
| Bed--Grant.....              | 18 |
| Heavy--McClellan.....        | 18 |
| Tobacco--Spain.....          | 19 |
| Baby--New London.....        | 18 |
| Moon--Newburgh.....          | 18 |
| Scissors--Troy.....          | 18 |
| Quiet--Schenectady.....      | 18 |
| Green--Lake George.....      | 18 |
| Salt--Vienna.....            | 18 |
| Street--Alsace Lorraine..... | 18 |
| King--Garfield.....          | 17 |
| Cheese--McKinley.....        | 18 |
| Blossom--Bryan.....          | 18 |
| Afraid--Blaine.....          | 18 |

#### MANIC-DEPRESSIVE INSANITY.

In this disorder the departures from the normal seem to be less pronounced than in the psychoses considered above. The number of individual reactions is in most cases not greatly above the normal average; and, so far as their character is concerned, we find that many of them are classed as normal, in accordance with the appendix to the frequency tables; among the unclassified reactions, which are quite frequent here, we find mostly either obviously normal ones, or some of the type to which we have already referred as "far-fetched," while others among them are "circumstantial" (see p. 25); further we find that most of the remaining individual reactions fall into the general group of partial dissociation: non-specific reactions, sound reactions, word complements, and particles.

In some cases the only abnormality that is found is that of an undue

tendency to respond by non-specific reactions, most of them being common and there being no excessive number of individual reactions. It would seem legitimate to assume that this tendency is here to be regarded as a manifestation of the phenomenon which is clinically described as \_dearth of ideas\_. It is significant that this tendency is observed not only in depressive phases of the psychosis, but also in manic phases and even in the normal intervals of recurrent cases or after apparent recovery in acute cases; this will be seen from some of the test records which are here reproduced.

Occasionally cases are met with which give a large number of unclassified reactions, seemingly incoherent. There can be no doubt that at least some of these cases are clinically perfectly typical ones of manic-depressive insanity, yet the test records strongly resemble, in some respects, those of dementia praecox.

Since clinically the distinction between typical cases of these psychoses can be so clearly made on the basis of the disorders of the flow of thought respectively characterizing them, it could hardly be assumed that the associational disturbances in these two groups of cases are truly related, although there may be an apparent resemblance; it must be acknowledged that we are here confronted with one of the most serious shortcomings of the association test, or at least of the present method of applying it.

CASE No. 5236.--M.B. Depressive attack. Normal record.

Table--eat.....  
Dark--night.....  
Music--play.....  
Sickness--death.....  
Man--health..... 13  
Deep--depth.....  
Soft--hard.....  
Eating--chewing.....  
Mountain--high.....  
House--living.....  
Black--color.....  
Mutton--sheep.....  
Comfort--kind..... 2  
Hand--body.....  
Short--small..... 1  
Fruit--garden.....  
Butterfly--spring.....  
Smooth--rough.....  
Command--obey.....  
Chair--sit.....  
Sweet--apple.....  
Whistle--music.....  
Woman--land.....  
Cold--chilly.....  
Slow--easy.....

Wish--want.....  
River--water.....  
White--color.....  
Beautiful--grand.....  
Window--light.....  
Rough--smooth.....  
Citizen--man..... 1  
Foot--body.....  
Spider--animal.....  
Needle--sew.....  
Red--color.....  
Sleep--rest.....  
Anger--badness..... 2  
Carpet--floor.....  
Girl--young.....  
High--low.....  
Working--busy.....  
Sour--sweet.....  
Earth--live.....  
Trouble--grief.....  
Soldier--army.....  
Cabbage--garden.....  
Hard--stone.....  
Eagle--bird.....  
Stomach--body.....  
Stem--plant.....  
Lamp--light.....  
Dream--sleep.....  
Yellow--color.....  
Bread--eat.....  
Justice--kind..... 2  
Boy--young.....  
Light--day.....  
Health--strength.....  
Bible--Christ.....  
Memory--think..... 1  
Sheep--mutton.....  
Bath--clean.....  
Cottage--live.....  
Swift--run.....  
Blue--color.....  
Hungry--food.....  
Priest--clergy.....  
Ocean--water.....  
Head--body.....  
Stove--fire.....  
Long--tall.....  
Religion--teaching....  
Whiskey--drink.....  
Child--young.....  
Bitter--sweet.....  
Hammer--nail.....  
Thirsty--drink.....

City--town.....  
Square--four.....  
Butter--eat.....  
Doctor--medicine.....  
Loud--noise.....  
Thief--steal.....  
Lion--beast.....  
Joy--kind..... 6  
Bed--sleep.....  
Heavy--weight.....  
Tobacco--smoke.....  
Baby--mother.....  
Moon--light.....  
Scissors--cut.....  
Quiet--kind..... 6  
Green--grass.....  
Salt--table.....  
Street--walk.....  
King--government.....  
Cheese--eat.....  
Blossom--tree.....  
Afraid--coward.....

CASE No. 6120.--M.L. Maniacal attack. Fifteen individual reactions,  
of which 11 are classed as normal in accordance with the appendix to  
the frequency tables.

Table--chair.....  
Dark--light.....  
Music--chorus.....17  
Sickness--health.....  
Man--woman..... 1  
Deep--around.....  
Soft--light.....  
Eating--food.....  
Mountain--valley.....  
House--flat.....17  
Black--white.....  
Mutton--beef.....  
Comfort--disease.....  
Hand--legs.....  
Short--tall.....  
Fruit--grapes.....  
Butterfly--birds.....  
Smooth--rough.....  
  
Command--president.....17  
Chair--assemblyman.....18  
Sweet--bitter.....  
Whistle--birds.....  
Woman--man..... 1  
Cold--warm.....

Slow--fast.....  
Wish--well.....  
River--mountain.....  
White--red.....  
Beautiful--heaven.....  
Window--door.....  
Rough--smooth.....  
Citizen--naturalization.  
Foot--hand.....  
Spider--bug.....  
Needle--doctor.....19  
Red--white.....  
Sleep--well.....  
Anger--passion.....  
Carpet--cloth.....  
Girl--boy.....  
High--low.....  
Working--pleasure..... 1  
Sour--sweet.....  
Earth--heaven.....  
Trouble--anger.....  
Soldier--mine..... 12  
Cabbage--steak.....17

Hard--soft.....  
Eagle--parrot.....  
Stomach--pelvis.....17  
Stem--flowers.....  
Lamp--light.....  
Dream--empty.....17  
Yellow--black.....  
Bread--brown.....  
Justice--done.....  
Boy--baby.....  
Light--heaven.....  
Health--wealth.....  
Bible--love.....  
Memory--remembrance.....  
Sheep--goat.....  
Bath--water.....  
Cottage--house.....  
Swift--slow.....  
Blue--green.....  
Hungry--I.....  
Priest--minister.....  
Ocean--sea.....  
Head--neck.....  
Stove--electricity.....17  
Long--broad.....  
Religion--Presbyterian..  
Whiskey--medicinal..... 2  
Child--boy.....  
Bitter--sweet.....

Hammer--saw.....  
Thirsty--water.....  
City--Middletown.....17  
Square--Madison.....  
Butter--bread.....  
Doctor--love.....15  
Loud--soft.....  
Thief--burglar.....  
Lion--animal.....  
Joy--ecstasy.....  
Bed--couch.....  
Heavy--lead.....  
Tobacco--smoke.....  
Baby--boy.....  
Moon--stars.....  
Scissors--cotton.....17  
Quiet--noisy.....  
Green--yellow.....  
Salt--pepper.....  
Street--Dean.....17  
King--God.....17  
Cheese--Roquefort.....  
Blossom--apple.....  
Afraid--never.....

CASE No. 6367.--J.N. Depressive attack. Only two individual reactions, both classed as normal; undue tendency to give non-specific reactions.

Table--cup.....17  
Dark--light.....  
Music--song.....  
Sickness--pain.....  
Man--child.....  
Deep--high.....  
Soft--hard.....  
Eating--tasting.....  
Mountain--valley.....  
House--room.....  
Black--white.....  
Mutton--lamb.....  
Comfort--peace.....  
Hand--foot.....  
Short--long.....  
Fruit--apple.....  
Butterfly--moth.....  
Smooth--rough.....  
Command--obey.....  
Chair--table.....  
Sweet--sour.....  
Whistle--song.....  
Woman--love.....

Cold--warm.....  
Slow--fast.....  
Wish--well.....  
River--water.....  
White--black.....  
Beautiful--grand.....  
Window--glass.....  
Rough--smooth.....  
Citizen--man..... 1  
Foot--hand.....  
Spider--fly.....  
Needle--thread.....  
Red--blue.....  
Sleep--rest.....  
Anger--passion.....  
Carpet--rug.....  
Girl--child.....  
High--low.....  
Working--labor.....  
Sour--sweet.....  
Earth--ground.....  
Trouble--overcome.....17  
Soldier--brave.....  
Cabbage--lettuce.....  
Hard--soft.....  
Eagle--bird.....  
Stomach--heart.....  
Stem--tree.....  
Lamp--light.....  
Dream--sleep.....  
Yellow--red.....  
Bread--roll.....  
Justice--peace.....  
Boy--child.....  
Light--sun.....  
Health--wealth.....  
Bible--good..... 1  
Memory--good..... 1  
Sheep--lamb.....  
Bath--water.....  
Cottage--house.....  
Swift--fast.....  
Blue--white.....  
Hungry--eat.....  
Priest--man..... 1  
Ocean--water.....  
Head--arm.....  
Stove--warm.....  
Long--short.....  
Religion--good..... 1  
Whiskey--none.....  
Child--good..... 1  
Bitter--sour.....

Hammer--noise.....  
 Thirsty--water.....  
 City--country.....  
 Square--round.....  
 Butter--salt.....  
 Doctor--good..... 1  
 Loud--noise.....  
 Thief--man..... 1  
 Lion--beast.....  
 Joy--good..... 1  
 Bed--good..... 1  
 Heavy--weight.....  
 Tobacco--smoke.....  
 Baby--child.....  
 Moon--sun.....  
 Scissors--knife.....  
 Quiet--rest.....  
 Green--red.....  
 Salt--water.....  
 Street--city.....  
 King--man..... 1  
 Cheese--butter.....  
 Blossom--flower.....  
 Afraid--fear.....

CASE No. 5162.--W.H. Recurrent attacks, mixed in character; at time of test patient was in a normal interval. 5 individual reactions, of which 1 is classed as normal, 1 as a derivative, 2 as non-specific, and 1 as a sound reaction; undue tendency to give non-specific (common) reactions.

Table--comfort.....  
 Dark--darknew..... 8  
 Music--pleasure..... 1  
 Sickness--sorrow.....  
 Map--manners.....10  
 Deep--thought..... 1  
 Soft--comfort.....  
 Eating--pleasure..... 1  
 Mountain--height.....  
 House--comfort.....  
 Black--darkness.....  
 Mutton--eating.....  
 Comfort--pleasure..... 1  
 Hand--useful..... 1  
 Short--stumpy.....  
 Fruit--eating.....  
 Butterfly--handsome...  
 Smooth--plane.....  
 Command--ordering.....  
 Chair--easy.....  
 Sweet--candy.....

Whistle--noise.....  
Woman--love.....  
Cold--freezing.....  
Slow--laziness.....  
Wish--good..... 1  
River--water.....  
White--clearness..... 2  
Beautiful--handsome...  
Window--scene.....  
Rough--harshness.....  
Citizen--voting.....  
Foot--stepping.....  
Spider--poison.....  
Needle--sharpness.....  
Red--blood.....  
Sleep--comfort.....  
Anger--passion.....  
Carpet--walking.....  
Girl--lovely.....  
High--height.....  
Working--business.....  
Sour--tart.....  
Earth--planting.....  
Trouble--Sorrow.....  
Soldier--fighting.....  
Cabbage--eating.....  
Hard--harshness..... 2  
Eagle--flying.....  
Stomach--eating.....  
Stem--vine.....  
Lamp--lighting..... 2  
Dream--pleasure..... 1  
Yellow--color.....  
Bread--eating.....  
Justice--suing.....17  
Boy--children.....  
Light--seeing.....  
Health--pleasure..... 1  
Bible--thinking..... 9  
Memory--recollections.  
Sheep--wool.....  
Bath--pleasure..... 1  
Cottage--living.....  
Swift--quickness.....  
Blue--sky.....  
  
Hungry--pleasure..... 9  
Priest--holiness.....  
Ocean--sailing.....  
Head--thinking..... 1  
Stove--warmth.....  
Long--length.....  
Religion--holiness....

Whiskey--badness..... 2  
Child--pleasure..... 1  
Bitter--sourness.....  
Hammer--pounding.....  
Thirsty--drinking.....  
City--town.....  
Square--measure.....  
Butter--greasy.....  
Doctor--medicine.....  
Loud--hearing..... 2  
Thief--stealing.....  
Lion--fierceness.....  
Joy--pleasure..... 1  
Bed--sleeping.....  
Heavy--solid.....  
Tobacco--pleasure..... 1  
Baby--loveliness.....  
Moon--bright.....  
Scissors--sharpness....  
Quiet--pleasure..... 1  
Green--color.....  
Salt--taste.....  
Street--walking.....  
King--majestic.....  
Cheese--eating.....  
Blossom--handsome.....  
Afraid--fear.....

CASE No. 6279.--A.F. Maniacal attack; at time of test patient had improved, though not recovered. Non-specific reactions; particles. (Patient does not speak English with perfect fluency.)

Table--board.....  
Dark--night.....  
Music--piano.....  
Sickness--appendicitis  
Man--husband.....  
Deep--hole.....  
Soft--hard.....  
Eating--vegetable.....  
Mountain--country.....  
House--comfort.....  
Black--cotton.....17  
Mutton--lamb.....  
Comfort--rest.....  
Hand--arm.....  
Short--Journey.....  
Fruit--apples.....  
Butterfly--love.....13  
Smooth--nice..... 1  
Command--order.....  
Chair--down.....12

Sweet--sugar.....  
Whistle--blow.....  
Woman--good..... 1  
Cold--ice.....  
Slow--lazy.....  
Wish--home.....  
River--boat.....  
White--milk.....  
Beautiful--flowers....  
Window--corner.....  
Rough--man..... 1  
Citizen--not.....12  
Foot--short.....  
Spider--don't.....12  
Needle--steel.....  
Red--rose.....  
Sleep--well.....  
Anger--not.....  
Carpet--beauty..... 1  
Girl--love.....  
High--reason.....19  
Working--dress.....19  
Sour--vinegar.....  
Earth--ground.....  
Trouble--much.....  
Soldier--blue.....  
Cabbage--sour.....  
Hard--no.....12  
Eagle--paper.....  
Stomach--well.....17  
Stem--flower.....  
Lamp--light.....  
Dream--awful.....19  
Yellow--flower.....  
Bread--rye.....  
Justice--court.....  
Boy--little.....  
Light--room.....  
Health--love.....15  
Bible--no.....  
Memory--good..... 1  
Sheep--lot.....19  
Bath--cold.....  
Cottage--little.....  
swift--kick.....17  
Blue--no.....12  
Hungry--no.....  
Priest--love.....15  
Ocean--Grove.....  
Head--black.....  
Stove--shine.....19  
Long--square.....  
Religion--no.....

Whiskey--champagne....17  
 Child--my..... 2  
 Bitter--pepper.....  
 Hammer--knock.....  
 Thirsty--no.....12  
 City--New York.....  
 Square--table.....  
 Butter--good..... 1  
 Doctor--S.....17  
 Loud--talk.....  
 Thief--night.....  
 Lion--yes.....12  
 Joy--good..... 1  
 Bed--comfort.....  
 Heavy--Iron.....  
 Tobacco--strong.....  
 Baby--love.....  
 Moon--shine.....  
 Scissors--cut.....  
 Quiet--well.....  
 Green--bow.....17  
 Salt--hitter.....  
 Street--Hinsdale.....17  
 King--Franz Joseph....17  
 Cheese--Swiss.....  
 Blossom--nice..... 1  
 Afraid--no.....

CASE No. 4578.--E.M. Circular insanity of over twenty years' standing;  
 at time of test patient was in a manic phase. Non-specific reactions;  
 doubtful reactions; neologisms, all possessing obvious meaning.

Table--using..... 1  
 Dark--unbright..... 4  
 Music--songs.....  
 Sickness--catching....17  
 Man--masculine.....  
 Deep--high.....  
 Soft--chew.....19  
 Eating--sometimes....12  
 Mountain--highlands...  
 House--live.....  
 Black--color.....  
 Mutton--meat.....  
 Comfort--easy.....  
 Hand--body.....  
 Short--unlongly..... 4  
 Fruit--plants.....  
 Butterfly--insects....  
 Smooth--feeling.....  
 Command--do.....  
 Chair--use..... 1

Sweet--taste.....  
Whistle--act.....  
Woman--female.....  
Cold--acting..... 2  
Slow--gradually.....17  
Wish--desire.....  
River--water.....  
White--color.....  
Beautiful--niceness... 2  
Window--built.....19  
Rough--treatment.....17  
Citizen--country.....  
Foot--body.....  
Spider--insect.....  
Needle--article..... 1  
Red--color.....  
Sleep--tiredness..... 4  
Anger--scolding.....  
Carpet--article..... 1  
Girl--female.....  
High--low.....  
Working--do.....  
Sour--tasting.....  
Earth--surface.....  
Trouble--worriment....  
Soldier--man..... 1  
Cabbage--vegetable....  
Hard--difficult.....  
Eagle--bird.....  
Stomach--body.....  
Stem--article..... 6  
Lamp--article..... 1  
Dream--untruly..... 4  
Yellow--color.....  
Bread--food.....  
Justice--unfairly.... 2  
Boy--masculine.....  
Light--easy.....  
Health--sickness.....  
Bible--commandments...  
Memory--remember.....  
Sheep--animal.....  
Bath--cleanness.....  
Cottage--country.....  
Swift--quickly.....  
Blue--color.....  
Hungry--food.....  
Priest--masculine.... 15  
Ocean--water.....  
Head--body.....  
Stove--article..... 1  
Long--shortly..... 2  
Religion--Bible.....

Whiskey--drinking.....  
 Child--disremembering. 4  
 Bitter--taste.....  
 Hammer--using..... 1  
 Thirsty--drinking.....  
 City--acting.....15  
 Square--measuring..... 2  
 Butter--food.....  
 Doctor--helping..... 2  
 Loud--hearing..... 2  
 Thief--untrue.....15  
 Lion--animal.....  
 Joy--gladness.....  
 Bed--lying.....  
 Heavy--unlightly..... 4  
 Tobacco--using..... 1  
 Baby--borning..... 4  
 Moon--sending.....19  
 Scissors--using..... 1  
 Quiet--acting..... 2  
 Green--color.....  
 Salt--food.....  
 Street--walking.....  
 King--person..... 1  
 Cheese--food.....  
 Blossom--plant.....  
 Afraid--frightened....

CASE No. 5878.--A.B. Maniacal attack. 48 individual reactions, of which 18 are classed as normal, 10 are sound reactions (2 sound neologisms), 1 word complement, 8 particles, and 11 unclassified reactions most of which are either obviously normal or "far fetched" but not strictly incoherent.

Table--mahogany.....  
 Dark--green.....  
 Music--masonic.....10  
 Sickness--seasickness.10  
 Man--maternity.....10  
 Deep--well.....  
 Soft--silk.....  
 Eating--cleanliness...19  
 Mountain--Gibraltar...17  
 House--bungalow.....  
 Black--light.....  
 Mutton--lamb.....  
 Comfort--linen.....17  
 Hand--left.....17  
 Short--shorthand.....10  
 Fruit--pears.....  
 Butterfly--canary.....17  
 Smooth--linen.....17

Command--pilot.....17  
Chair--round.....  
Sweet--sugar.....  
Whistle--mother.....19  
Woman--twenty-one.....12  
Cold--ice.....  
Slow--music.....  
Wish--girl.....  
River--Hudson.....  
White--plaster.....17  
Beautiful--nature.....  
Window--St. Patrick's.17  
Rough--blankets.....19  
Citizen--twenty-one...12  
Foot--six.....12  
Spider--fly.....  
Needle--tailor.....  
Red--Herald.....19  
Sleep--seven.....12  
Anger--Angoria..... 3  
Carpet--green.....  
Girl--eighteen.....12  
High--school.....11  
Working--ten.....12  
Sour--kraut.....  
Earth--round.....  
Trouble--son.....19  
Soldier--navy.....  
Cabbage--curly.....19  
Hard--stone.....  
Eagle--almanac.....17  
Stomach--stomjack..... 3  
Stem--maple.....17  
Lamp--New.....York....19  
Dream--husband.....19  
Yellow--cards.....17  
Bread--rye.....  
Justice--liberty.....  
Boy--Joe.....  
Light--white.....  
Health--death.....10  
Bible--holy.....  
Memory--seven.....12  
Sheep--lamb.....  
Bath--cleanliness.....  
Cottage--gray.....17  
Swift--ball.....  
Blue--balloon.....10  
Hungry--yes.....12  
Priest--doctor.....  
Ocean--Niagara.....17  
Head--rest.....  
Stove--stationary.....10

Long--poems.....19  
 Religion--Catholic....  
 Whiskey--Hunter.....  
 Child--Jesus.....17  
 Bitter--gall.....  
 Hammer--steel.....  
 Thirsty--water.....  
 City--New York.....  
 Square--Union.....  
 Butter--sweet.....  
 Doctor--S.....17  
 Loud--discreet.....19  
 Thief--night.....  
 Lion--Bostock..... 2  
 Joy--Joy Line.....10  
 Bed--Ostermoor.....17  
 Heavy--iron.....  
 Tobacco--Durham.....  
 Baby--Rose.....17  
 Moon--half.....  
 Scissors--steel.....  
 Quiet--nursing.....19  
 Green--grass.....  
 Salt--rock.....  
 Street--Liberty.....17  
 King--Alphonso.....  
 Cheese--Swiss.....  
 Blossom--apple.....  
 Afraid--dark.....

CASE No. 6511.--U.B. Maniacal attack. Persistent use of particles  
 \_oh, me, I, none,\_ etc.

Table--none..... 6  
 Dark--red.....  
 Music--stock.....19  
 Sickness--rose.....19  
 Man--Frank.....17  
 Deep--blue.....  
 Soft--pillow.....  
 Eating--no.....12  
 Mountain--oyster.....11  
 House--mercy.....19  
 Black--mother.....19  
 Mutton--me..... 6  
 Comfort--home.....  
 Hand--mother.....15  
 Short--me..... 6  
 Fruit--me..... 5  
 Butterfly--it.....12  
 Smooth--oh.....12  
 Command--none..... 6

Chair--none..... 5  
Sweet--for.....12  
Whistle--bird.....  
Woman--I..... 6  
Cold--I..... 5  
Slow--me.....  
Wish--none..... 2  
River--are.....12  
White--wife.....10  
Beautiful--Alma.....17  
Window--Stephen.....19  
Rough--Rudolphia.....10  
Citizen--father.....17  
Foot--Anthon.....19  
Spider--reverend.....19  
Needle--pine.....17  
  
Red--brother.....19  
Sleep--Adam.....19  
Anger--I..... 6  
Carpet--home.....  
Girl--Agatha.....17  
High--niece.....13  
Working--I..... 6  
Sour--I..... 5  
Earth--I..... 5  
Trouble--I..... 5  
Soldier--father.....15  
Cabbage--hail.....19  
Hard--me.....12  
Eagle--I..... 6  
Stomach--I..... 5  
Stem--life.....  
Lamp--Lambert.....10  
Dream--I..... 6  
Yellow--I..... 5  
Bread--I..... 5  
Justice--I..... 5  
Boy--just.....13  
Light--picture.....19  
Health--cook.....19  
Bible--beads.....17  
Memory--Dick.....19  
Sheep--to.....12  
Bath--none.....  
Cottage--home.....  
Swift--lazy.....  
Blue--Nell.....19  
Hungry--I.....  
Priest--I..... 5  
Ocean--I..... 5  
Head--home..... 6  
Stove--home.....

Long--short.....  
 Religion--none.....  
 Whiskey--none.....  
 Child--Sylvester.....17  
 Bitter--I..... 6  
 Hammer--my.....12  
 Thirsty--no..... 6  
 City--no..... 5  
 Square--Ben.....19  
 Butter--I..... 6  
 Doctor--I..... 5  
 Loud--bell.....  
 Thief--iron.....19  
 Lion--I..... 6  
 Joy--I..... 5  
 Bed--I..... 5  
 Heavy--I..... 5  
 Tobacco--I..... 5  
 Baby--I..... 5  
 Moon--will.....12  
 Scissors--beads.....15  
 Quiet--nerves.....19  
 Green--I..... 6  
 Salt--I..... 5  
 Street--Peter.....17  
 King--I..... 6  
 Cheese--I..... 5  
 Blossom--I..... 5  
 Afraid--no.....

CASE No. 4427.--A.R. Maniacal attack. Unusual number of doubtful reactions; 46 individual reactions of which 9 are classed as normal; 29 are unclassified, some seemingly incoherent.

Table--Chicago.....19  
 Dark--Montreal.....18  
 Music--Mississippi....18  
 Sickness--flowers.....19  
 Man--ocean.....19  
 Deep--medicines.....19  
 Soft--accidental.....19  
 Eating--vaccination...19  
 Mountain--evergreens..17  
 House--caves.....19  
 Black--station.....19  
 Mutton--operations....19  
 Comfort--money.....  
 Hand--bandages.....10  
 Short--soldiers.....19  
 Fruit--dictionary....19  
 Butterfly--storehouse.19  
 Smooth--vegetables....18

Command--Bible.....  
Chair--histories..... 14  
Sweet--farewells..... 19  
Whistle--ammunition... 19  
Woman--foreign..... 19  
Cold--armory..... 19  
Slow--St. Petersburg.. 19  
Wish--wealth.....  
River--revenue..... 10  
White--purity.....  
Beautiful--colonial... 19  
Window--shutters.....  
Rough--planes..... 2  
Citizen--naturalization  
Foot--carriage..... 19  
Spider--remedies..... 19  
Needle--canoe..... 19  
Red--refreshments.... 10  
Sleep--restfulness.... 2  
Anger--usefulness.... 9  
Carpet--coach..... 19  
Girl--finery..... 19  
High--fortifications.. 19  
Working--materials.... 19  
Sour--pickles.....  
Earth--gravitation.... 2  
Trouble--graphophone.. 19  
Soldier--guns.....  
Cabbage--children.... 19  
Hard--inheritance.... 19  
Eagle--feathers.....  
Stomach--envelope.... 19  
Stem--roots.....  
Lamp--oil.....  
Dream--fairies..... 17  
Yellow--lemons..... 2  
Bread--jams..... 17  
Justice--repentance... 17  
Boy--clothes.....  
Light--lanterns..... 17  
Health--joys..... 2  
Bible--heaven.....  
Memory--head.....  
Sheep--pastures.....  
Bath--cleanliness....  
Cottage--home.....  
Swift--rapids..... 2  
Blue--truth.....  
Hungry--appetite.....  
Priest--saintliness... 17  
Ocean--ships.....  
Head--intelligence....  
Stove--woods..... 2

Long--trains..... 2  
 Religion--godliness... 2  
 Whiskey--drunkenness..  
 Child--joyfulness..... 2  
 Bitter--olives.....  
 Hammer--nuts.....  
 Thirsty--water.....  
 City--shopping.....  
 Square--monuments..... 2  
 Butter--crackers.....17  
 Doctor--medicines.....  
 Loud--music.....  
 Thief--detectives..... 2  
 Lion--cages..... 2  
 Joy--home.....  
 Bed--restfulness..... 2  
 Heavy--expressage.....17  
 Tobacco--cigars.....  
 Baby--carriage.....  
 Moon--light.....  
 Scissors--goods.....  
 Quiet--peacefulness...  
 Green--vegetables.....  
 Salt--water.....  
 Street--stones.....  
 King--crown.....  
 Cheese--knife.....  
 Blossom--plants..... 2  
 Afraid--enemies.....17

CASE No. 6457.--C.G. Depressive attack. 36 individual reactions of  
 which 9 are classed as normal and 20 as unclassified; among the latter  
 several seem to be incoherent

Table--fish.....17  
 Dark--boat.....  
 Music--water.....18  
 Sickness--tank.....18  
 Man--horse.....  
 Deep--ocean.....  
 Soft--egg.....  
 Eating--beans.....17  
 Mountain--grass.....  
 House--roof.....  
 Black--bath.....10  
 Mutton--butcher.....  
 Comfort--cigar.....17  
 Hand--shoes.....19  
 Short--baseball.....19  
 Fruit--orange.....  
 Butterfly--elephant...19  
 Smooth--glass.....

Command--general.....  
Chair--kitchen.....17  
Sweet--cake.....17  
Whistle--bird.....  
Woman--door.....19  
Cold--ice.....  
Slow--cat.....19  
Wish--bed.....19  
River--trout.....17  
White--paint.....  
Beautiful--monkey.....19  
Window--bars.....  
Rough--rowdy.....  
Citizen--policeman....  
Foot--fine..... 9  
Spider--insect.....  
Needle--sewing.....  
Red--man..... 9  
Sleep--pond.....19  
Anger--hatred.....  
Carpet--tacks.....  
Girl--floor.....13  
High--mountain.....  
Working--dog.....19  
Sour--milk.....  
Earth--mud.....  
Trouble--radiator.....19  
Soldier--cannon.....  
Cabbage--vegetable....  
Hard--wood.....  
Eagle--quick.....19  
Stomach--flesh.....  
Stem--pipe.....  
Lamp--burn.....  
Dream--thinking..... 1  
Yellow--mice.....19  
Bread--baker.....  
Justice--equality....  
Boy--young.....  
Light--green.....17  
Health--art.....19  
Bible--preacher.....  
Memory--return.....19  
Sheep--fold.....  
Bath--water.....  
Cottage--house.....  
Swift--fleeting..... 2  
Blue--dark.....  
Hungry--thirst.....  
Priest--elephant.....15  
Ocean--briny.....19  
Head--hard.....  
Stove--black.....

Long--grass.....  
 Religion--thinking.... 1  
 Whiskey--Kentucky.....  
 Child--carriage.....  
 Bitter--pickles.....  
 Hammer--nails.....  
 Thirsty--wanting.....  
 City--New York.....  
 Square--base.....17  
 Butter--cow.....  
 Doctor--carriage.....  
 Loud--hall.....19  
 Thief--prison.....  
 Lion--cage.....  
 Joy--automobile.....  
 Bed--iron.....  
 Heavy--lead.....  
 Tobacco--weed.....  
 Baby--rocker.....  
 Moon--sky.....  
 Scissors--laundry.....19  
 Quiet--peaceful.....  
 Green--engine.....19  
 Salt--grocer.....19  
 Street--Lincoln.....17  
 King--Spain.....  
 Cheese--baker.....19  
 Blossom--flower.....  
 Afraid--going..... 2

INVOLUTIONAL MELANCHOLIA; ALCOHOLIC DEMENTIA; SENILE DEMENTIA.

There are so few cases of these psychoses in our series that we can say but little concerning their associational disorders.

In Table V. we show all the types of reactions given by each subject.

We have not observed in our cases of *involutional melancholia* any undue tendency to give individual reactions. The records are either perfectly normal or slightly abnormal in that they show an increase of the non-specific (common) reactions. In this respect they resemble strongly the records obtained from some cases of manic-depressive insanity. This similarity is of interest in connection with other evidence, recently brought to light, [1] showing that *involutional melancholia* is closely related to manic-depressive insanity, if not identical with it.

[Footnote 1: G. L. Dreyfus. Die Melancholic ein Zustandsbild des manisch-depressiven Irreseins. 1907.]



Short--abrupt.....19  
Fruit--oranges.....  
Butterfly--insect.....  
Smooth--even.....  
Command--order.....  
Chair--article..... 1  
Sweet--taste.....  
Whistle--noise.....  
Woman--sex.....  
Cold--temperature.....  
Slow--dull.....  
Wish--desire.....  
River--water.....  
White--color.....  
Beautiful--sky.....  
Window--glass.....  
Rough--uneven.....  
Citizen--representative.17  
Foot--end.....19  
Spider--insect.....  
Needle--instrument.....  
Red--color.....  
Sleep--repose.....  
Anger--temper.....  
Carpet--rug.....  
Girl--sex.....  
High--elevation.....  
Working--employment.....  
Sour--bitter.....  
Earth--clay.....  
Trouble--anxiety.....  
Soldier--military.....  
Cabbage--vegetable.....  
Hard--substance.....  
Eagle--bird.....  
Stomach--body.....  
Stem--flower.....  
Lamp--light.....  
Dream--imagination.....  
Yellow--color.....  
Bread--wheat.....  
Justice--credit.....17  
Boy--child.....  
Light--sun.....  
Health--condition.....  
Bible--book.....  
Memory--remembrance.....  
Sheep--lamb.....  
Bath--bathing.....  
Cottage--house.....  
Swift--rapid.....  
Blue--color.....  
Hungry--desire.....

Priest--minister.....  
Ocean--water.....  
Head--body.....  
Stove--fire.....  
Long--distance.....  
Religion--creed.....  
Whiskey--liquor.....  
Child--infant.....  
Bitter--sour.....  
Hammer--tool.....  
Thirsty--dry.....  
City--town.....  
Square--block.....  
Butter--food.....  
Doctor--physician.....  
Loud--noisy.....  
Thief--burglar.....  
Lion--animal.....  
Joy--happiness..... 1  
Bed--cot.....  
Heavy--weight.....  
Tobacco--weed.....  
Baby--infant.....  
Moon--light.....  
Scissors--instrument....  
Quiet--noiseless.....  
Green--color.....  
Salt--seasoning.....  
Street--block.....  
King--ruler.....  
Cheese--food.....  
Blossom--flower.....  
Afraid--fear.....

CASE No. 6207.--T.S. No individual reactions; 13 non-specific reactions.

Table--furniture.....  
Dark--color.....  
Music--fiddle.....  
Sickness--bed.....  
Man--person..... 1  
Deep--water.....  
Soft--pliable.....  
Eating--cake.....  
Mountain--high.....  
House--bricks.....  
Black--color.....  
Mutton--meat.....  
Comfort--easy.....  
Hand--limb.....  
Short--small..... 1

Fruit--vegetable.....  
Butterfly--insect.....  
Smooth--level.....  
Command--control.....  
Chair--sit.....  
Sweet--nice..... 1  
Whistle--noise.....  
Woman--person..... 1  
Cold--atmosphere.....  
Slow--easy.....  
Wish--something.....  
River--stream.....  
White--color.....  
Beautiful--nice..... 1  
Window--glass.....  
Rough--unpleasant..... 1  
Citizen--person..... 1  
Foot--limb.....  
Spider--insect.....  
Needle--instrument....  
Red--color.....  
Sleep--bed.....  
Anger--irritable.....  
Carpet--rug.....  
Girl--person..... 1  
High--elevation.....  
Working--try..... 2  
Sour--bitter.....  
Earth--sand.....  
Trouble--anxiety.....  
Soldier--person..... 1  
Cabbage--plant.....  
Hard--stone.....  
Eagle--bird.....  
Stomach--person..... 1  
Stem--apple.....  
Lamp--light.....  
Dream--sleep.....  
Yellow--color.....  
Bread--flour.....  
Justice--Equal.....  
Boy--child.....  
Light--gas.....  
Health--doctor.....  
Bible--Scripture.....  
Memory--thought..... 1  
Sheep--animal.....  
Bath--water.....  
Cottage--house.....  
Swift--quick.....  
Blue--color.....  
Hungry--want.....  
Priest--preach.....

Ocean--water.....  
Head--person..... 1  
Stove--heat.....  
Long--length.....  
Religion--belief.....  
Whiskey--drink.....  
Child--person..... 1  
Bitter--sour.....  
Hammer--tool.....  
Thirsty--dry.....  
City--place.....  
Square--shape.....  
Butter--eat.....  
Doctor--physician.....  
Loud--hear.....  
Thief--steal.....  
Lion--animal.....  
Joy--glad.....  
Bed--sleep.....  
Heavy--weight.....  
Tobacco--plant.....  
Baby--child.....  
Moon--light.....  
Scissors--tool.....  
Quiet--rest.....  
Green--color.....  
Salt--spice.....  
Street--place.....  
King--ruler.....  
Cheese--eat.....  
Blossom--flower.....  
Afraid--hide.....

CASE No. 5719.--A.W.S. 5 individual reactions; 12 non-specific reactions.

Table--stand.....  
Dark--color.....  
Music--happy..... 1  
Sickness--ill.....  
Man--human.....  
Deep--thought..... 1  
Soft--touch.....  
Eating--appetite.....  
Mountain--ground.....  
House--shelter.....  
Black--color.....  
Mutton--lamb.....  
Comfort--warm.....  
Hand--touch.....  
Short--small..... 1  
Fruit--taste.....

Butterfly--beauty..... 1  
Smooth--level.....  
Command--obey.....  
Chair--rest.....  
Sweet--good.....  
Whistle--noise.....  
Woman--female.....  
Cold--chilled..... 2  
Slow--move.....  
Wish--think..... 1  
River--water.....  
White--color.....  
Beautiful--nice..... 1  
Window--glass.....  
Rough--push.....  
Citizen--man..... 1  
Foot--body.....  
Spider--insect.....  
Needle--pointed.....  
Red--blood.....  
Sleep--rest.....  
Anger--riled.....  
Carpet--covering.....  
Girl--child.....  
High--air.....  
Working--ambitious....  
Sour--taste.....  
Earth--ground.....  
Trouble--thought..... 1  
Soldier--command.....  
Cabbage--vegetable....  
Hard--blow.....17  
Eagle--bird.....  
Stomach--body.....  
Stem--pipe.....  
Lamp--light.....  
Dream--thought..... 1  
Yellow--purple.....  
Bread--food.....  
Justice--law.....  
Boy--male.....  
Light--lamp.....  
Health--soul.....19  
Bible--Scriptures....  
Memory--thought..... 1  
Sheep--lamb.....  
Bath--cleanness.....  
Cottage--house.....  
Swift--quick.....  
Blue--color.....  
Hungry--appetite.....  
Priest--scholar..... 2  
Ocean--water.....

Head--brains.....  
Stove--heat.....  
Long--measurement..... 2  
Religion--good..... 1  
Whiskey--alcohol.....  
Child--baby.....  
Bitter--taste.....  
Hammer--knock.....  
Thirsty--water.....  
City--New York.....  
Square--box.....  
Butter--milk.....  
Doctor--help.....  
Loud--noise.....  
Thief--burglar.....  
Lion--animal.....  
Joy--well.....19  
Bed--rest.....  
Heavy--load.....  
Tobacco--nicotine.....  
Baby--joy.....  
Moon--light.....  
Scissors--cutting.....  
Quiet--rest.....  
Green--color.....  
Salt--sand.....19  
Street--crossing..... 2  
King--ruler.....  
Cheese--luxury.....19  
Blossom--flower.....  
Afraid--fright.....

CASE No. 5635. J.D. 13 individual reactions, of which 6 are classed as normal, 1 particle, 6 unclassified, mostly obviously normal.

Table--eating.....  
Dark--night.....  
Music--amusement.....  
Sickness--distress....  
Man--working.....  
Deep--sorrow.....  
Soft--easy.....  
Eating--supper.....17  
Mountain--pleasure.... 1  
House--home.....  
Black--grief.....19  
Mutton--butchers..... 2  
Comfort--home.....  
Hand--shake.....  
Short--baseball.....19  
Fruit--eating.....  
Butterfly--field.....

Smooth--soft.....  
Command--oblige.....17  
Chair--seat.....  
Sweet--flowers.....  
Whistle--fire.....  
Woman--home.....  
Cold--winter.....  
Slow--easy.....  
Wish--home.....  
River--dock.....17  
Whiter--day.....  
Beautiful--handsome...  
Window--glass.....  
Rough--wagon.....19  
Citizen--voter.....  
Foot--walking.....  
Spider--web.....  
Needle--sticking.....19  
Red--danger.....  
Sleep--rest.....  
Anger--right.....19  
Carpet--house.....  
Girl--out.....12  
High--air.....  
Working--labor.....  
Sour--bitter.....  
Earth--ground.....  
Trouble--worry.....  
Soldier--man..... 1  
Cabbage--farmer..... 2  
Hard--bath.....19  
Eagle--birds.....  
Stomach--body.....  
Stem--pipe.....  
Lamp--burn.....  
Dream--thinking..... 1  
Yellow--color.....  
Bread--eating.....  
Justice--peace.....  
Boy--soldier.....17  
Light--day.....  
Health--happy..... 1  
Bible--books.....  
Memory--good..... 1  
Sheep--lamb.....  
Bath--washing.....  
Cottage--house.....  
Swift--quick.....  
Blue--color.....  
Hungry--eating.....  
Priest--church.....  
Ocean--bathing.....  
Head--mind.....

Stove--fire.....  
 Long--hours.....  
 Religion--church.....  
 Whiskey--drinking.....  
 Child--home.....  
 Bitter--sour.....  
 Hammer--working.....  
 Thirsty--dry.....  
 City--New York.....  
 Square--block.....  
 Butter--cow.....  
 Doctor--hospital.....  
 Loud--speaking..... 2  
 Thief--sentence.....17  
 Lion--animal.....  
 Joy--pleasure..... 1  
 Bed--sleeping.....  
 Heavy--weight.....  
 Tobacco--smoking.....  
 Baby--home.....  
 Moon--night.....  
 Scissors--cutting.....  
 Quiet--alone.....  
 Green--color.....  
 Salt--eating.....  
 Street--walking.....  
 King--William.....17  
 Cheese--milk.....  
 Blossom--flower.....  
 Afraid--fright.....

Our cases of \_alcoholic\_ dementia are clinically without evidences of disturbance of flow of thought. The dementia consists mainly in impairment or loss of the power of retention, with resulting amnesia for recent occurrences, and temporal disorientation. The records are either normal or show but slight departures from normal.

CASE No. 6369.--J.S. Slight deterioration.

Table--eat.....  
 Dark--night.....  
 Music--enjoyment.....  
 Sickness--sadness.....  
 Man--work..... 1  
 Deep--hole.....  
 Soft--feathers.....  
 Eating--appetite.....  
 Mountain--hill.....  
 House--live.....  
 Black--dark.....  
 Mutton--eat.....

Comfort--pleasant..... 1  
Hand--work..... 1  
Short--story.....  
Fruit--eat.....  
Butterfly--annoyance.. 6  
Smooth--iron.....  
Command--officer.....  
Chair--sit.....  
Sweet--nice..... 1  
Whistle--pleasure..... 1  
Woman--pleasure..... 1  
Cold--annoyance..... 6  
Slow--car.....  
Wish--like.....  
River--water.....  
White--sack.....17  
Beautiful--house.....17  
Window--look.....  
Rough--unpleasant..... 1  
Citizen--man..... 1  
Foot--walk.....  
Spider--annoyance.....  
Needle--sticking.....19  
Red--color.....  
Sleep--happy..... 1  
Anger--annoyance.....  
Carpet--walk.....  
Girl--school.....  
High--skies.....  
Working--labor.....  
Sour--lemon.....  
Earth--walk.....  
Trouble--annoyance....  
Soldier--army.....  
Cabbage--eat.....  
Hard--stone.....  
Eagle--fly.....  
Stomach--victuals.....17  
Stem--pipe.....  
Lamp--burn.....  
Dream--sleep.....  
Yellow--orange.....  
Bread--eat.....  
Justice--person..... 1  
Boy--school.....  
Light--see.....  
Health--comfort.....  
Bible--read.....  
Memory--recollection..  
Sheep--eat.....  
Bath--cleanness.....  
Cottage--live.....  
Swift--go.....

Blue--color.....  
Hungry--eat.....  
Priest--confession....  
Ocean--vessels..... 2  
Head--knowledge.....  
Stove--burn.....  
Long--time.....  
Religion--faith.....  
Whiskey--drink.....  
Child--infant.....  
Bitter--unkind.....17  
Hammer--nail.....  
Thirsty--dry.....  
City--inhabitants.....

Square--brick.....  
Butter--eat.....  
Doctor--cure.....  
Loud--noise.....  
Thief--steal.....  
Lion--animal.....  
Joy--happiness..... 1  
Bed--lay.....  
Heavy--feeling..... 2  
Tobacco--chew.....  
Baby--nurse.....  
Moon--bright.....  
Scissors--cut.....  
Quiet--ease.....  
Green--flower.....  
Salt--taste.....  
Street--walking.....  
King--control.....19  
Cheese--eat.....  
Blossom--flower.....  
Afraid--nervousness...

CASE No. 6418.--J.R. Marked deterioration.

Table--mahogany.....  
Dark--dawn.....17  
Music--harp.....17  
Sickness--none..... 6  
Man--white.....19  
Deep--unfathomable.... 2  
Soft--silken..... 2  
Eating--good..... 1  
Mountain--high.....  
House--place.....  
Black--color.....  
Mutton--cooked.....17

Comfort--rest.....  
Hand--clasp.....19  
Short--small..... 1  
Fruit--apples.....  
Butterfly--buttercups. 2  
Smooth--iron.....  
Command--home.....19  
Chair--ebony.....19  
Sweet--potatoes.....17  
Whistle--song.....  
Woman--pretty..... 1  
Cold--depressed.....19  
Slow--process.....17  
Wish--home.....  
River--Mississippi....  
White--wings.....17  
Beautiful--palace.....19  
Window--clear.....  
Rough--no.....12  
Citizen--patriot.....  
Foot--heath.....19  
Spider--none..... 5  
Needle--darning.....  
Red--apples.....  
Sleep--plenty.....  
Anger--mistake.....17  
Carpet--floor.....  
Girl--pretty..... 1  
High--ordinary.....19  
Working--eight.....12  
Sour--nonsense.....19  
Earth--fruits..... 2  
Trouble--little.....  
Soldier--patriot.....  
Cabbage--garden.....  
Hard--wood.....  
Eagle--high.....  
  
Stomach--leave.....19  
Stem--stalk.....  
Lamp--kerosene.....  
Dream--happy..... 1  
Yellow--aster.....17  
Bread--white.....  
Justice--right.....  
Boy--white.....15  
Light--white.....  
Health--good..... 1  
Bible--puzzled.....19  
Memory--bad..... 1  
Sheep--cheviot.....17  
Bath--marble.....17  
Cottage--story.....17

Swift--fast.....  
Blue--waist.....17  
Hungry--not..... 2  
Priest--confessor....  
Ocean--Pacific.....17  
Head--oval.....19  
Stove--polish.....  
Long--forever.....12  
Religion--Protestant..  
Whiskey--none.....  
Child--none..... 5  
Bitter--sweet.....  
Hammer--no.....12  
Thirsty--no..... 5  
City--New York.....  
Square--compass.....  
Butter--sweet.....  
Doctor--cure.....  
Loud--quietly..... 2  
Thief--jail.....  
Lion--brave,.....  
Joy--peacefulness.... 2  
Bed--good..... 1  
Heavy--no.....  
Tobacco--yes.....12  
Baby--none..... 6  
Moon--shines.....  
Scissors--uncut..... 2  
Quiet--peaceful.....  
Green--grass.....  
Salt--water.....  
Street--Queen.....17  
King--unknown.....19  
Cheese--Stilton.....17  
Blossom--cherry.....  
Afraid--not.....

We reproduce in full the record obtained from one of our cases of  
\_senile dementia.\_

CASE No. 5788.--E.S.

Table--cat..... 6  
Dark--night.....  
Music--cat..... 2  
Sickness--cat..... 6  
Man--mouse.....18  
Deep--well.....  
Soft--sack.....19  
Eating--well.....

Mountain--hill.....  
House--castle.....  
Black--dog.....  
Mutton--sheep.....  
Comfort--lamb.....13  
Hand--chicken.....18  
Short--light.....19  
Fruit--apple.....  
Butterfly--fly.....  
Smooth--iron.....  
Command--obey.....  
Chair--stool.....  
Sweet--sugar.....  
Whistle--lump.....18  
Woman--man.....1  
Cold--shiver.....  
Slow--cold.....7  
Wish--push.....19  
River--pond.....  
White--cat.....  
Beautiful--cat.....6  
Window--glass.....  
Rough--fight.....19  
Citizen--tough.....  
Foot--shoe.....  
Spider--clock.....19  
Needle--pin.....  
Red--white.....  
Sleep--eyes.....  
Anger--mad.....  
Carpet--cloth.....  
Girl--boy.....  
High--low.....  
Working--sewing.....  
Sour--sweet.....  
Earth--clay.....  
Trouble--child.....13  
Soldier--man.....1  
Cabbage--spinach.....  
Hard--cat.....6  
Eagle--bird.....  
Stomach--belly.....  
Stem--pike.....17  
Lamp--globe.....  
Dream--eyes.....  
Yellow--flower.....  
Bread--flour.....  
Justice--fight.....  
Boy--cat.....6  
Light--lamp.....  
Health--cough.....17  
Bible--book.....  
Memory--mind.....

Sheep--lamb.....  
Bath--water.....  
Cottage--house.....  
Swift--quick.....  
Blue--color.....  
Hungry--eat.....  
Priest--clergyman.....  
Ocean--river.....  
Head--life.....  
Stove--fire.....  
Long--short.....  
Religion--Catholic....  
Whiskey--drink.....  
Child--boy.....  
Bitter--sweet.....  
Hammer--noise.....  
Thirsty--drink.....  
City--New York.....  
Square--Marion.....17  
Butter--cow.....  
Doctor--W.....17  
Loud--noise.....  
Thief--steals.....  
Lion--heart.....  
Joy--happy..... 1  
Bed--mattress.....  
Heavy--lead.....  
Tobacco--smoke.....  
Baby--boy.....  
Moon--shine.....  
Scissors--cut.....  
Quiet--noisy.....  
Green--color.....  
Salt--bitter.....  
Street--place.....  
King--rule.....  
Cheese--taste.....  
Blossom--flower.....  
Afraid--trouble.....

#### §8. PATHOLOGICAL REACTIONS FROM NORMAL SUBJECTS.

Mental disorders do not always so manifest themselves as to incapacitate the subject for his work or to necessitate his sequestration in a hospital for the insane. It is, therefore, not surprising that in applying the association test to over a thousand subjects selected at random we have obtained a small number of test records which show various types of abnormal reactions. Among the subjects who furnished such records some are described as eccentric, taciturn, or dull, while others are apparently normal but come of neuropathic stock. A few of them are persons wholly unknown to us.

We reproduce in full from the normal series, containing abnormal reactions.

CONSECUTIVE No. 746.--State hospital attendant Efficient in his work but is generally regarded to have married very foolishly. Sound reactions; numerous unclassified reactions.

|                        |    |
|------------------------|----|
| Table--brought.....    | 19 |
| Dark--some.....        | 19 |
| Music--leaf.....       | 19 |
| Sickness--water.....   | 19 |
| Man--book.....         | 19 |
| Deep--desk.....        | 19 |
| Soft--ground.....      |    |
| Eating--bark.....      | 19 |
| Mountain--tree.....    |    |
| House--paper.....      | 19 |
| Black--light.....      |    |
| Mutton--horse.....     | 13 |
| Comfort--hat.....      | 19 |
| Hand--sick.....        | 13 |
| Short--swallow.....    | 19 |
| Fruit--mass.....       | 19 |
| Butterfly--leaf.....   | 15 |
| Smooth--wing.....      | 13 |
| Command--man.....      | 1  |
| Chair--left.....       | 19 |
| Sweet--sick.....       | 2  |
| Whistle--whirl.....    | 10 |
| Woman--where.....      | 12 |
| Cold--coal.....        |    |
| Slow--some.....        | 15 |
| Wish--whirl.....       | 15 |
| River--rice.....       | 19 |
| White--waist.....      |    |
| Beautiful--brought.... | 15 |
| Window--women.....     | 10 |
| Rough--row.....        | 19 |
| Citizen--sir.....      | 10 |
| Foot--fall.....        | 19 |
| Spider--spice.....     | 10 |
| Needle--knee.....      | 10 |
| Red--roam.....         | 19 |
| Sleep--sorrow.....     | 19 |
| Anger--August.....     | 19 |
| Carpet--covered.....   | 2  |
| Girl--great.....       | 9  |
| High--his.....         | 12 |
| Working--map.....      | 19 |
| Sour--slur.....        | 10 |
| Earth--eat.....        | 19 |

Trouble--through.....12  
Soldier--solder.....10  
Cabbage--cart.....19  
Hard--him.....12  
Eagle--earth.....13  
Stomach--stall.....10  
Stem--stair.....10  
Lamp--left.....19  
Dream--dread.....  
Yellow--waist.....15  
Bread--book.....15  
Justice--gem.....19  
Boy--bird.....19  
Light--left.....10  
Health--heart.....17  
Bible--base.....19  
Memory--moth.....19  
Sheep--shrill.....19  
Bath--bend.....19

Cottage--cart.....10  
Swift--swell.....10  
Blue--beard.....11  
Hungry--heart.....15  
Priest--path.....19  
Ocean--oar.....10  
Head--him.....12  
Stove--still.....10  
Long--left.....15  
Religion--rest.....19  
Whiskey--whirl.....15  
Child--charge.....19  
Bitter--bought.....10  
Hammer--hemp.....10  
Thirsty--Thursday.....10  
City--salt.....10  
Square--squirrel.....10  
Butter--bread.....  
Doctor--daisy.....19  
Loud--lark.....19  
Thief--twist.....19  
Lion--lesson.....10  
Joy--jar.....19  
Bed--beard.....10  
Heavy--health.....10  
Tobacco--toboggan.....10  
Baby--bird.....15  
Moon--mill.....19  
Scissors--setters.....10  
Quiet--quart.....10  
Green--great.....9  
Salt--sorrow.....10  
Street--stem.....10

King--cart.....15  
Cheese--chart.....19  
Blossom--bed.....19  
Afraid--frill.....10

CONSECUTIVE No. 220--Laundryman in State hospital. Nothing abnormal has ever been observed in his case. Numerous perseverations.

Table--house.....  
Dark--range.....19  
Music--eats.....  
Sickness--dog.....18  
Man--barn.....19  
Deep--hollow.....  
Soft--apple.....  
Eating--cranberry.....17  
Mountain--water.....17  
House--pig.....19  
Black--rats.....18  
Mutton--mice.....2  
Comfort--sheep.....13  
Hand--lamb.....14  
Short--birds.....19  
Fruit--peach.....  
Butterfly--pears.....18  
Smooth--grapes.....18  
Command--nut.....18  
Chair--bureau.....  
Sweet--broom.....19  
Whistle--violin.....19  
Woman--man.....1  
Cold--child.....10  
Slow--infant.....14  
Wish--night.....19  
River--dark.....14  
White--steamboat.....17  
Beautiful--tugboat....18  
Window--yacht.....18  
Rough--ferry.....18  
Citizen--water.....13  
Foot--egg.....19  
Spider--fly.....  
Needle--thread.....  
Red--spool.....18  
Sleep--machine.....18  
Anger--picture.....19  
Carpet--bed.....17  
Girl--bureau.....18  
High--oilcloth.....18  
Working--pen.....19  
Sour--ink.....18

Earth--paper.....18  
Trouble--chair.....19  
Soldier--table.....14  
Cabbage--beet.....  
Hard--cauliflower.....13  
Eagle--potatoes.....18  
Stomach--beans.....17  
Stem--plum.....17  
Lamp--wick.....  
Dream--oil.....13  
Yellow--stick.....19  
Bread--stone.....18  
Justice--dirt.....18  
Boy--street.....  
Light--match.....  
Health--sickness.....  
Bible--book.....  
Memory--leaf.....13  
Sheep--wool.....  
Bath--water.....  
Cottage--people..... 1  
Swift--fast.....  
Blue--residence.....19  
Hungry--beef.....17  
Priest--clergyman.....  
Ocean--rice.....19  
Head--eyes.....  
Stove--nose.....18  
Long--mouth.....18  
Religion--legs.....18  
Whiskey--arms.....18  
Child--elbows.....18  
Bitter--day.....19  
Hammer--nails.....  
Thirsty--saw.....13  
City--plane.....18  
Square--chisel.....18  
Butter--file.....18  
Doctor--duck.....10  
Loud--goose.....18  
Thief--robber.....  
Lion--tiger.....  
Joy--bear.....13  
Bed--leopard.....18  
Heavy--tiger.....15  
Tobacco--smoke.....  
Baby--pipe.....13  
Moon--star.....  
Scissors--sharp.....  
Quiet--noisy.....  
Green--blue.....  
Salt--yellow.....13  
Street--green.....14

King--purple.....14  
Cheese--axe.....19  
Blossom--handle.....19  
Afraid--barn.....19

CONSECUTIVE No. 255.--State hospital attendant. Efficient, but unusually taciturn and seclusive. Sound reactions.

Table--linen.....  
Dark--sunshine.....17  
Music--song.....  
Sickness--Saturday....19  
Man--manager.....10  
Deep--dark.....  
Soft--sorrowful.....10  
Eating--eighty.....10  
Mountain--miner.....19  
House--heart.....19  
Black--blue.....  
Mutton--mountain.....10  
Comfort--company.....17  
Hand--happy.....10  
Short--slow.....17  
Fruit--froth.....10  
Butterfly--butter....10  
Smooth--smoke.....10  
Command--company.....  
Chair--chap.....10  
Sweet--slow.....15  
Whistle--whip.....10  
Woman--worried.....19  
Cold--cow.....10  
Slow--slap.....10  
Wish--water.....  
River--rubbed.....19  
White--wash.....  
Beautiful--bounty....10  
Window--light.....  
Rough--roguish.....19  
Citizen--sight-seeing.19  
Foot--fool.....10  
Spider--span.....10  
Needle--work.....1  
Red--robe.....19  
Sleep--soap.....10  
Anger--angel.....19  
Carpet--carriage.....19  
Girl--guide.....19  
High--heart.....10  
Working--worthy.....10  
Sour--satchel.....19

Earth--early.....10  
Trouble--trout.....19  
Soldier--socket.....19  
Cabbage--currant.....17  
Hard--harmful.....10  
Eagle--early.....15  
Stomach--stable.....19  
Stem--stand.....10  
Lamp--light.....  
Dream--drunk.....10  
Yellow--lustre.....19  
Bread--brand.....10  
Justice--judgment.....  
Boy--butter.....15  
Light--love.....19  
Health--help.....10  
Bible--book.....  
Memory--mental.....  
Sheep--shop.....10  
Bath--bandage.....10  
Cottage--cot.....10  
Swift--swan.....10  
Blue--black.....10  
Hungry--height.....19  
Priest--house.....  
Ocean--apple.....19  
Head--heart.....  
Stove--strap.....10  
Long--love.....15  
Religion--belief.....  
Whiskey--whisk broom..10  
Child--chap.....10  
Bitter--butter.....10  
Hammer--habit.....19  
Thirsty--thirty.....10  
City--soap.....15  
Square--squirrel.....10  
Butter--bank.....19  
Doctor--dentist.....  
Loud--laugh.....  
Thief--thump.....19  
Lion--lump.....19  
Joy--jump.....19  
Bed--bank.....15  
Heavy--happy.....10  
Tobacco--tub.....19  
Baby--bundle.....  
Moon--mantle.....10  
Scissors--Saturday....15  
Quiet--quarter.....10  
Green--drought.....19  
Salt--Saturday.....10  
Street--straight.....

King--cattle.....19  
Cheese--captain.....19  
Blossom--bandage.....15  
Afraid--flattered.....10

CONSECUTIVE No. 442.--Nothing abnormal has ever been suspected in the case of this subject; mother eccentric; sister insane. Sound reactions.

Table--stable.....  
Dark--dreary.....  
Music--joy.....  
Sickness--silliness...10  
Man--manner.....10  
Deep--dreary.....15  
Soft--sooth.....19  
Eating--evening.....10  
Mountain--morning.....18  
House--help.....19  
Black--dark.....  
Mutton--mitten.....10  
Comfort--come.....10  
Hand--handsome.....10  
Short--small..... 1  
Fruit--first.....10  
Butterfly--butter.....10  
Smooth--sooth.....10  
Command--come.....  
Chair--air.....10  
Sweet--good..... 1  
Whistle--music.....  
Woman--wonder.....19  
Cold--freezing.....  
Slow--snow.....10  
Wish--wind.....10  
River--riffle..... 3  
White--wait.....10  
Beautiful--handsome...  
Window--light.....  
Rough--harsh.....  
Citizen--city.....  
Foot--walk.....  
Spider--creep.....  
Needle--needless.....10  
Red--color.....  
Sleep--sleet.....10  
Anger--rough.....  
Carpet--carpenter.....10  
Girl--going.....19  
High--air.....  
Working--toiling.....  
Sour--shower.....10

Earth--eating.....19  
Trouble--loneliness...17  
Soldier--solid.....10  
Cabbage--carrying.....19  
Hard--hardly..... 8  
Eagle--eating.....10  
Stomach--starch.....10  
Stem--step..... 2  
Lamp--glass.....  
Dream--dreary.....  
Yellow--yonder.....12  
Bread--bed.....10  
Justice--juice.....10  
Boy--ball.....  
Light--likeness.....10  
Health--help.....10  
Bible--book.....  
Memory--memorial..... 2  
Sheep--sleep.....  
Bath--battle.....10  
Cottage--cotton.....10  
Swift--fast.....  
Blue--blind.....10  
Hungry--hurry.....10  
Priest--prince.....10  
Ocean--over.....12  
Head--large..... 1  
Stove--stone.....10  
Long--heavy.....19  
Religion--goodness.... 1  
Whiskey--strong.....  
Child--small..... 1  
Bitter--butter.....10  
Hammer--hard.....  
Thirsty--thrifty.....10  
City--seeing.....10  
Square--squirrel.....10  
Butter--bitter.....10  
Doctor--dark.....10  
Loud--noisy.....  
Thief--stealing.....  
Lion--eating.....  
Joy--joyous..... 8  
Bed--sleep.....  
Heavy--weightful..... 4  
Tobacco--cocoa.....10  
Baby--boys..... 2  
Moon--moo..... 3  
Scissors--successors..10  
Quiet--easy.....  
Green--grass.....  
Salt--simmer.....19  
Street--steep.....10

King--kingdom.....  
Cheese--squeeze.....10  
Blossom--blooming.....  
Afraid--Africa.....10

CONSECUTIVE No. 314.--School teacher. Efficient; described as very silent. Unclassified reactions, due mostly to distraction.

Table--cat.....19  
Dark--no.....12  
Music--will.....19  
Sickness--chair.....19  
Man--table..... 6  
Deep--floor.....14  
Soft--paper..... 6  
Eating--wood.....19  
Mountain--chair.....15  
House--Window.....  
Black--wall.....  
Mutton--sky.....19  
Comfort--air.....18  
Hand--table.....  
Short--paper..... 6  
Fruit--sweeping.....19  
Butterfly--room.....18  
Smooth--working..... 2  
Command--stone.....19  
Chair--machine.....19  
Sweet--radiator.....19  
Whistle--clock.....19  
Woman--cane.....19  
Cold--flower.....19  
Slow--cord.....19  
Wish--marriage..... 2  
River--chimney.....19  
White--wheel.....19  
Beautiful--cane.....15  
Window--pot.....19  
Rough--grass.....19  
Citizen--paper.....  
Foot--closet.....19  
Spider--awning.....19  
Needle--good..... 9  
Red--bad..... 9  
Sleep--hinge.....19  
Anger--will.....15  
Carpet--paper..... 6  
Girl--chair.....15  
High--table..... 6  
Working--cane.....15  
Sour--floor.....15  
Earth--ceiling.....18

Trouble--chain.....19  
Soldier--desk.....19  
Cabbage--paper.....  
Hard--table.....  
Eagle--flower.....15  
Stomach--match.....19  
Stem--match.....  
Lamp--table.....  
Dream--chair.....14  
Yellow--cane.....18  
Bread--flour.....  
Justice--peace.....  
Boy--window.....15  
Light--wall.....18  
Health--floor.....18  
Bible--house.....18  
Memory--paper..... 6  
Sheep--dress.....19  
Bath--clothes.....18  
Cottage--earth.....19  
Swift--sky.....18  
Blue--trees.....19  
Hungry--leaves.....18  
Priest--bark.....18  
Ocean--boat.....  
Head--hat.....  
Stove--ashes.....17  
Long--short.....  
Religion--peace.....  
Whiskey--bottle.....  
Child--dress.....  
Bitter--sour.....  
Hammer--teeth.....19  
Thirsty--dry.....  
City--good..... 1  
Square--wood.....  
Butter--best.....10  
Doctor--shoes.....19  
Loud--music.....  
Thief--notes..... 2  
Lion--strings.....19  
Joy--happy..... 1  
Bed--wish.....13  
Heavy--lead.....  
Tobacco--plant.....  
Baby--good..... 1  
Moon--paper..... 6  
Scissors--straw.....19  
Quiet--hoop.....19  
Green--rope.....19  
Salt--dish.....  
Street--dirt.....  
King--bucket.....19

Cheese--plate.....  
Blossom--plant.....  
Afraid--sweeping.....15

CONSECUTIVE No. 216.--State hospital attendant. Incompetent, dull.  
Numerous non-specific reactions.

Table--rolling.....19  
Dark--swim.....19  
Music--playing.....  
Sickness--riding.....19  
Man--walk.....  
Deep--singing.....19  
Soft--light.....  
Eating--sleep.....  
Mountain--low.....  
House--small..... 1  
Black--dark.....  
Mutton--lean.....19  
Comfort--good..... 1  
Hand--small..... 1  
Short--small..... 1  
Fruit--taste.....  
Butterfly--beautiful.. 1  
Smooth--long..... 6  
Command--immediate.... 2  
Chair--small..... 6  
Sweet--clear.....19  
Whistle--long.....  
Woman--small..... 1  
Cold--long..... 6  
Slow--write..... 2  
Wish--quick.....10  
River--long.....  
White--clean.....  
Beautiful--nice..... 1  
Window--big.....19  
Rough--bad..... 1  
Citizen--short.....19  
Foot--small..... 1  
Spider--small..... 1  
Needle--small..... 1  
Red--dark.....  
Sleep--easy.....  
Anger--bad..... 1  
Carpet--small..... 1  
Girl--short.....15  
High--long.....  
Working--good..... 1  
Sour--bad..... 1  
Earth--large..... 1  
Trouble--bad..... 1

Soldier--good..... 1  
Cabbage--small..... 6  
Hard--apples.....  
Eagle--small..... 6  
Stomach--good..... 1  
Stem--short.....  
Lamp--bright.....  
Dream--good..... 1  
Yellow--light.....  
Bread--good..... 1  
Justice--good..... 1  
Boy--small..... 1  
Light--clear.....  
Health--good..... 1  
Bible--true.....  
Memory--good..... 1  
Sheep--many.....  
Bath--good..... 1  
Cottage--large..... 1  
Swift--fast.....  
Blue--dark.....  
Hungry--long..... 6  
Priest--true.....19  
Ocean--wide.....  
Head--large..... 1  
Stove--black.....  
Long--wide.....  
Religion--good..... 1  
Whiskey--strong.....  
Child--small..... 1  
Bitter--bad..... 1  
Hammer--small..... 1  
Thirsty--bad..... 1  
City--big.....  
Square--long.....  
Butter--good..... 1  
Doctor--good..... 1  
Loud--hearty.....19  
Thief--bad..... 1  
Lion--bad..... 5  
Joy--happy..... 1  
Bed--easy.....  
Heavy--stone.....  
Tobacco--strong.....  
Baby--small..... 1  
Moon--large..... 1  
Scissors--sharp.....  
Quiet--baby.....  
Green--dark.....  
Salt--strong.....10  
Street--wide.....  
King--high.....  
Cheese--good..... 1

Blossom--apples.....  
Afraid--he.....12

CONSECUTIVE No. 318.--School boy. Non-specific reactions.

Table--board.....  
Dark--night.....  
Music--sound.....  
Sickness--pleasantness 9  
Man--people..... 1  
Deep--river.....  
Soft--cat..... 2  
Eating--pleasantness.. 1  
Mountain--high.....  
House--home.....  
Black--dark.....  
Mutton--good..... 1  
Comfort--pleasure..... 1  
Hand--foot.....  
Short--little.....  
Fruit--good..... 1  
Butterfly--pretty..... 1  
Smooth--soft.....  
Command--go.....  
Chair--sit.....  
Sweet--good..... 1  
Whistle--noise.....  
Woman--pretty..... 1  
Cold--bad..... 1  
Slow--quick.....  
Wish--good..... 1  
River--deep.....  
White--snow.....  
Beautiful--pretty..... 1  
Window--look.....  
Rough--even.....  
Citizen--good..... 1  
Foot--hand.....  
Spider--bite.....  
Needle--sharp.....  
Red--crimson.....  
Sleep--wake.....  
Anger--mad.....  
Carpet--floor.....  
  
Girl--good..... 1  
High--tall.....  
Working--sleep.....  
Sour--bad..... 1  
Earth--ground.....  
Trouble--bad..... 1  
Soldier--good..... 1

Cabbage--bad..... 6  
Hard--soft.....  
Eagle--bird.....  
Stomach--ache.....  
Stem--slender.....  
Lamp--light.....  
Dream--good..... 1  
Yellow--pretty..... 1  
Bread--good..... 1  
Justice--good..... 1  
Boy--fun.....  
Light--see.....  
Health--happiness..... 1  
Bible--good..... 1  
Memory--good..... 1  
Sheep--pretty..... 1  
Bath--good..... 1  
Cottage--pretty..... 1  
Swift--quick.....  
Blue--yellow.....  
Hungry--eat.....  
Priest--good.....  
Ocean--big.....  
Head--little..... 15  
Stove--hot.....  
Long--distance.....  
Religion--good..... 1  
Whiskey--bad..... 1  
Child--cute.....  
Bitter--good..... 1  
Hammer--hard.....  
Thirsty--hard..... 5  
City--good..... 6  
Square--round.....  
Butter--soft.....  
Doctor--good..... 1  
Loud--noisy.....  
Thief--good..... 6  
Lion--big.....  
Joy--good..... 1  
Bed--comfortable.....  
Heavy--light.....  
Tobacco--bad..... 1  
Baby--pretty..... 1  
Moon--cute..... 13  
Scissors--sharp.....  
Quiet--loud.....  
Green--pretty..... 1  
Salt--good..... 1  
Street--narrow.....  
King--good..... 6  
Cheese--good..... 1  
Blossom--pretty..... 1

Afraid--scared.....

CONSECUTIVE NO. 234.--School boy. Non-specific reactions.

Table--chair.....

Dark--cold.....

Music--sweet.....

Sickness--hard.....

Man--wise.....19

Deep--dark.....

Soft--sweet.....

Eating--drinking.....

Mountain--snow.....

House--great..... 9

Black--horse.....

Mutton--good..... 1

Comfort--health.....

Hand--foot.....

Short--fat.....

Fruit--good..... 1

Butterfly--pretty.....

Smooth--hard.....

Command--general.....

Chair--soft.....

Sweet--good..... 1

Whistle--loud.....

Woman--large..... 1

Cold--dreary.....

Slow--hard.....

Wish--fairy.....

River--large..... 1

White--snow.....

Beautiful--woman..... 1

Window--large..... 1

Rough--hard.....

Citizen--good..... 1

Foot--small..... 1

Spider--ugly.....

Needle--thick.....

Red--cow.....17

Sleep--dreams.....

Anger--very.....12

Carpet--pretty..... 1

Girl--small..... 1

High--tree.....

Working--hard.....

Sour--bitter.....

Earth--great..... 1

Trouble--hard.....

Soldier--brave.....

Cabbage--good..... 1

Hard--stone.....

Eagle--great..... 9  
Stomach--weak.....  
Stem--watch.....  
Lamp--pretty..... 9  
Dream--sweet.....  
Yellow--buttercup.....  
Bread--flour.....  
Justice--man..... 1  
Boy--gun.....  
Light--bright.....  
Health--care..... 2  
Bible--holy.....  
Memory--poor.....  
Sheep--pretty..... 1  
Bath--nice..... 1  
Cottage--low.....  
Swift--stream.....  
Blue--bluebird..... 2  
Hungry--tired.....  
Priest--church.....  
Ocean--water.....  
Head--large..... 1  
Stove--fire.....  
Long--snake.....  
Religion--Jesus.....  
Whiskey--temperance...  
Child--healthy.....19  
Bitter--apple.....  
Hammer--nail.....  
Thirsty--water.....  
City--houses.....  
Square--desk.....  
Butter--yellow.....  
Doctor--medicine.....  
Loud--harse.....  
Thief--wicked.....  
Lion--fierce.....  
Joy--happiness..... 1  
Bed--rest.....  
Heavy--stone.....  
Tobacco--dirty.....  
Baby--small..... 1  
Moon--sky.....  
Scissors--sharp.....  
Quiet--lonely.....  
Green--sour.....  
Salt--cows.....19  
Street--people..... 1  
King--rich.....19  
Cheese--yellow.....  
Blossom--pretty..... 1  
Afraid--fear.....

CONSECUTIVE No. 809.--Lawyer. 28 individual reactions, of which 14 are classed as normal; 10 are unclassified, most of which are also obviously normal.

Table--chair.....  
Dark--candle..... 17  
Music--girl.....  
Sickness--doctor.....  
Man--woman..... 1  
Deep--swimming.....19  
Soft--hand.....  
Eating--Reisenweber.....17  
Mountain--Kipling.....19  
House--mortgage.....17  
Black--spectrum.....19  
Mutton--pig.....  
Comfort--chair.....  
Hand--ring.....  
Short--tall.....  
Fruit--banana.....  
Butterfly--color.....  
Smooth--sphere.....17  
Command--soldier.....  
Chair--teacher.....10  
Sweet--apple.....  
Whistle--policeman.....  
Woman--hat.....  
Cold--thermometer.....19  
Slow--invalid.....  
Wish--million.....  
River--Hudson.....  
White--Broadway.....19  
Beautiful--girl.....  
Window--school.....  
Rough--ball.....19  
Citizen--justice.....  
Foot--shoe.....  
Spider--insect.....  
Needle--tailor.....17  
Red--flannel.....  
Sleep--potassium bromide.17  
Anger--teacher.....  
Carpet--tack.....  
Girl--belt.....17  
High--pole.....  
Working--laborer.....  
Sour--apple.....  
Earth--Columbus.....  
Trouble--lawyer.....19  
Soldier--gun.....  
Cabbage--plantation..... 2  
Hard--brick.....

Eagle--feathers.....  
Stomach--juice.....17  
Stem--leaf.....  
Lamp--light.....  
Dream--pillow.....17  
Yellow--lemon.....  
Bread--crust.....  
Justice--judge.....  
Boy--pants.....  
Light--gas.....  
Health--medicine.....  
Bible--Jacob.....17  
Memory--brain.....  
Sheep--wool.....  
Bath--soap.....  
Cottage--rod.....19  
Swift--ball.....  
Blue--sky.....  
Hungry--I.....  
Priest--surplice.....  
Ocean--ship.....  
Head--hair.....  
Stove--shovel.....17  
Long--pole.....  
Religion--Abraham.....19  
Whiskey--Kentucky.....17  
Child--baby.....  
Bitter--pepper.....  
Hammer--nail.....  
Thirsty--lemonade.....  
City--Manhattan.....17  
Square--Washington.....  
Butter--salt.....  
Doctor--nurse.....  
Loud--hammer.....  
Thief--jewelry.....  
Lion--Androcles.....18  
Joy--automobile.....  
Bed--shoes.....15  
Heavy--Flannigan.....19  
Tobacco--pipe.....  
Baby--wife.....  
Moon--man..... 1  
Scissors--cut.....  
Quiet--demure.....  
Green--eyes.....  
Salt--cellar.....  
Street--Wall.....17  
King--Edward.....  
Cheese--Roquefort.....  
Blossom--field.....  
Afraid--burglar.....

## § 9. NUMBER OF DIFFERENT WORDS GIVEN AS REACTIONS.

It has been suggested by Fuhrmann [1] that the number of different words given in response to one hundred selected stimulus words may be used as "a fairly reliable measure of the intelligence and degree of education of a patient." The test according to Fuhrmann is applied twice in every case, the interval between the two sittings being at least four weeks. "In very intelligent and well educated persons every 100 stimulus words almost always evokes in the first test 95-100 different associations; in the less intelligent and in the feeble-minded the same associations are more frequently repeated. In the second test with the same stimulus words--which is really much more important than the first, since even persons of inferior intelligence may reach higher numbers in the first test--the difference in the wealth of the stock of representations becomes plainly evident: the man of intelligence will not need to draw on the associations which he gave in the first test, but will produce new ones; the feeble-minded subject will, on the contrary, repeat to a greater or lesser extent the associations of the first test." "In general the associational capacity of an adult person may be taken to be from 80 per cent to 90 per cent. Should the number sink below 70 per cent the suspicion of a pathological condition must then arise; and the higher the subject's degree of education the stronger is this suspicion. In the case of an associational capacity of 60 per cent or less no doubt of its pathological significance can remain any longer."

[Footnote 1: Diagnostik und Prognostik der Geisteskrankheiten, p. 93. Leipzig, 1903.]

Our results are not strictly comparable with Fuhrmann's, because we have obtained but one test record from each subject; it may be said, however, that the results of a single test in each case do not show any considerable differences, corresponding to education or age, in the variety of responses. Further, dementing psychoses, with the exception of epilepsy, show on the whole no diminution in the number of different reactions, although in individual cases this number falls considerably below the general average; and in such cases the diminution may be dependent upon stereotypy or perseveration, and not necessarily upon reduction in the stock of representations.

It would appear from our results that pathological mental states are apt to manifest themselves by a tendency to give reactions belonging to types of inferior values rather than by diminished variety of responses.

We show in Table VI. the numbers of different responses given by our groups of normal and insane subjects, expressed in figures giving for each group the median and the average.

TABLE VI.

|   | Med.   | Av.  |
|---|--------|------|
| 86 normal subjects, common school education; records containing not over 10 individual reactions..... | 85     | 84.5 |
| 66 normal subjects, collegiate education; records containing not over 10 individual reactions.....    | 87     | 86.5 |
| 48 normal subjects, school children; records containing not over 10 individual reactions.....         | 87     | 84.9 |
| 53 normal subjects; records containing not under 15 individual reactions.....                         | 90     | 88.7 |
| 108 cases of dementia praecox.....  | 87     | 84.8 |
| 33 cases of paranoic conditions.....  | 89     | 86.5 |
| 24 cases of epilepsy.....   | 78 1/2 | 75.8 |
| 32 cases of general paresis.....  | 84 1/2 | 82.4 |
| 32 cases of manic-depressive insanity.....  | 87     | 85.4 |

#### § 10. CO-OPERATION OF THE SUBJECT.

In our work with insane subjects we encountered many cases in which we were unable to obtain satisfactory test records owing to lack of proper co-operation. Some subjects seemed to be either too confused or too demented to be capable of understanding and following the instructions given them. Others were for one reason or another unwilling to co-operate. It is important to distinguish inability from unwillingness to co-operate, since the former indicates in itself an abnormal state of the mind, while the latter is quite often shown by normal persons.

A subject may co-operate to the extent of giving a single word in response to each stimulus word, and yet fail to co-operate in some other particulars.

He may, instead of giving the first word suggested to him by the stimulus, suppress the first word more or less systematically, and give some other word which may seem to him more appropriate. This probably occurs very often, but does not seem to render the results less serviceable for our purpose.

Further, a subject may react by words related not to the stimulus words, but to each other, thus simulating perseveration; or he may react by naming objects within reach of the senses, thus appearing to be distracted; or he may give only sound reactions.

There is, in fact, no type of pathological reactions which a normal person may not be able to produce more or less readily at will, though in the case of incoherent reactions considerable mental effort may be required, and the end may be attained only by regularly rejecting the first and some subsequent words which are suggested by the stimulus.

In view of these considerations we are led to conclude that the association test, as applied by our method, could not be relied upon as a means of detecting simulation of insanity in malingerers, criminals, and the like.

#### § 11. SUMMARY.

The normal range of reaction in response to any of our stimulus words is largely confined within narrow limits.

The frequency tables compiled from test records given by one thousand normal subjects comprise over ninety per cent of the normal range in the average case.

With the aid of the frequency tables and the appendix normal reactions, with a very few exceptions, can be sharply distinguished from pathological ones.

The separation of pathological reactions from normal ones simplifies the task of their analysis, and makes possible the application of a classification based on objective criteria.

By the application of the association test, according to the method here proposed, no sharp distinction can be drawn between mental health and mental disease; a large collection of material shows a gradual and not an abrupt transition from the normal state to pathological states.

In dementia praecox, some paranoic conditions, manic-depressive insanity, general paresis, and epileptic dementia the test reveals some characteristic, though not pathognomonic, associational tendencies.

#### ACKNOWLEDGMENTS.

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About two hundred tests upon normal subjects were made for us by the following persons: Dr. Frederic Lyman Wells, Dr. Jennie A. Dean, Miss Lillian Rosanoff, and Miss Madeleine Wehle.

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## THE FREQUENCY TABLES.

### 1. TABLE

|               |     |
|---------------|-----|
| accommodation | 1   |
| article       | 3   |
| articles      | 1   |
| basket        | 1   |
| bench         | 9   |
| board         | 14  |
| book          | 7   |
| books         | 5   |
| boy           | 1   |
| bread         | 1   |
| breakfast     | 2   |
| broad         | 2   |
| brown         | 1   |
| butter        | 1   |
| cards         | 2   |
| celery        | 1   |
| center        | 1   |
| chair         | 267 |
| chairs        | 7   |
| chemical      | 1   |
| cloth         | 57  |
| cockroaches   | 1   |
| comfort       | 1   |
| cover         | 17  |
| cutlery       | 1   |

|            |    |
|------------|----|
| desk       | 11 |
| dine       | 2  |
| dining     | 4  |
| dinner     | 26 |
| dish       | 5  |
| dishes     | 40 |
| dissection | 1  |
| dog        | 1  |
|            |    |
| eat        | 63 |
| eatables   | 1  |
| eating     | 34 |
|            |    |
| ferns      | 1  |
| fŒete      | 1  |
| flat       | 5  |
| floor      | 7  |
| food       | 29 |
| fork       | 1  |
| form       | 1  |
| furniture  | 75 |
|            |    |
| glass      | 1  |
|            |    |
| hard       | 9  |
| hat        | 1  |
| home       | 2  |
| house      | 3  |
|            |    |
| ink        | 1  |
|            |    |
| kitchen    | 1  |
|            |    |
| lamp       | 1  |
| large      | 4  |
| leaf       | 1  |
| leaves     | 1  |
| library    | 1  |
| leg        | 13 |
| legs       | 10 |
| linen      | 2  |
| long       | 1  |
| low        | 2  |
|            |    |
| Mabel      | 1  |
| mahogany   | 2  |
| mat        | 1  |
| meal       | 6  |
| meals      | 4  |
| meat       | 2  |
| mess       | 1  |
|            |    |
| nails      | 2  |

|              |    |
|--------------|----|
| napkin       | 1  |
| number       | 1  |
| oak          | 1  |
| object       | 1  |
| old          | 1  |
| operating    | 1  |
| ornament     | 2  |
| parlor       | 1  |
| pitcher      | 1  |
| plate        | 4  |
| plates       | 1  |
| plateau      | 1  |
| polished     | 1  |
| refreshments | 1  |
| rest         | 3  |
| room         | 3  |
| round        | 10 |
| school       | 1  |
| serviceable  | 1  |
| set          | 2  |
| shiny        | 1  |
| sit          | 3  |
| sitting      | 2  |
| slab         | 1  |
| smooth       | 1  |
| soup         | 1  |
| spiritualism | 1  |
| spoon        | 6  |
| spread       | 2  |
| square       | 9  |
| stable       | 1  |
| stand        | 36 |
| stool        | 3  |
| straight     | 1  |
| strong       | 1  |
| supper       | 1  |
| tablecloth   | 1  |
| tea          | 1  |
| timber       | 1  |
| top          | 2  |
| typewriter   | 1  |
| use          | 2  |
| useful       | 3  |
| utensil      | 1  |
| victuals     | 2  |

|         |    |
|---------|----|
| wagon   | 1  |
| whist   | 1  |
| white   | 1  |
| wire    | 1  |
| wood    | 76 |
| wooden  | 1  |
| work    | 2  |
| working | 1  |
| write   | 2  |
| writing | 6  |

## 2. DARK

|            |    |
|------------|----|
| afraid     | 6  |
| baby       | 1  |
| bad        | 1  |
| barks      | 1  |
| black      | 76 |
| blackness  | 2  |
| blank      | 1  |
| blind      | 2  |
| blindness  | 2  |
| blue       | 5  |
| board      | 1  |
| boat       | 1  |
| bright     | 15 |
| brightness | 4  |
| brown      | 4  |
| candle     | 1  |
| cart       | 1  |
| cat        | 2  |
| cell       | 1  |
| cellar     | 6  |
| close      | 1  |
| closet     | 1  |
| cloud      | 2  |
| clouds     | 2  |
| cloudy     | 3  |
| cold       | 2  |
| color      | 28 |
| colored    | 1  |
| colorless  | 1  |
| coon       | 1  |
| curly      | 1  |
| day        | 1  |
| daylight   | 1  |
| dead       | 1  |
| denseness  | 1  |
| dim        | 3  |

|              |     |
|--------------|-----|
| dimness      | 3   |
| dingy        | 2   |
| dismal       | 3   |
| dog          | 1   |
| door         | 1   |
| dreary       | 1   |
| dress        | 4   |
| dungeon      | 5   |
| dusk         | 1   |
| dusky        | 1   |
| evening      | 4   |
| eye          | 1   |
| eyes         | 2   |
| fair         | 2   |
| fear         | 6   |
| fearful      | 1   |
| fearsome     | 1   |
| fright       | 2   |
| ghost        | 1   |
| ghosts       | 1   |
| gloom        | 6   |
| gloomy       | 11  |
| gray         | 1   |
| green        | 1   |
| ground       | 1   |
| hair         | 5   |
| hall         | 1   |
| hell         | 1   |
| hole         | 1   |
| horse        | 3   |
| house        | 2   |
| illumination | 1   |
| invisible    | 2   |
| lamp         | 1   |
| lantern      | 1   |
| light        | 427 |
| lonely       | 1   |
| lonesome     | 1   |
| lonesomeness | 1   |
| mahogany     | 1   |
| man          | 4   |
| mice         | 1   |
| midnight     | 1   |
| moon         | 6   |
| moonlight    | 1   |
| mysterious   | 1   |

|           |     |
|-----------|-----|
| nice      | 1   |
| night     | 221 |
| oblivion  | 1   |
| obscure   | 1   |
| parlor    | 1   |
| prison    | 1   |
| red       | 5   |
| rest      | 3   |
| room      | 22  |
| scare     | 1   |
| shades    | 1   |
| shadow    | 2   |
| shadows   | 1   |
| sky       | 1   |
| sleep     | 1   |
| sleeping  | 1   |
| space     | 1   |
| starry    | 1   |
| stars     | 2   |
| stillness | 1   |
| storm     | 1   |
| stumbling | 1   |
| subject   | 1   |
| sunlight  | 1   |
| thunder   | 1   |
| tree      | 1   |
| twilight  | 1   |
| unseen    | 1   |
| walk      | 1   |
| weather   | 3   |
| white     | 9   |
| woods     | 1   |

### 3. MUSIC

|            |    |
|------------|----|
| accordion  | 1  |
| air        | 3  |
| amuse      | 1  |
| amusement  | 10 |
| art        | 7  |
| attention  | 1  |
| attraction | 1  |

|               |    |
|---------------|----|
| band          | 6  |
| bassviol      | 1  |
| beautiful     | 7  |
| beauty        | 2  |
| Beethoven     | 7  |
| bell          | 1  |
| bird          | 1  |
| birds         | 1  |
| book          | 1  |
| books         | 2  |
| box           | 2  |
| brightness    | 1  |
|               |    |
| captivating   | 1  |
| cats          | 1  |
| charm         | 1  |
| charms        | 1  |
| charming      | 2  |
| cheerful      | 2  |
| cheerfulness  | 2  |
| Chopin        | 1  |
| chord         | 1  |
| chords        | 1  |
| clarinette    | 1  |
| classic       | 1  |
| classical     | 2  |
| composer      | 2  |
| company       | 1  |
| concert       | 2  |
| conductor     | 1  |
|               |    |
| dance         | 17 |
| dances        | 1  |
| dancing       | 15 |
| delight       | 1  |
| delightful    | 2  |
| discord       | 3  |
| drama         | 1  |
|               |    |
| ear           | 3  |
| ecstasy       | 1  |
| elevating     | 1  |
| enchantment   | 1  |
| enjoyable     | 1  |
| enjoyed       | 1  |
| enjoyment     | 13 |
| entertaining  | 5  |
| entertainment | 3  |
| entrancing    | 1  |
|               |    |
| feeling       | 1  |
| fiddle        | 1  |
| fine          | 2  |

flowers 1  
flute 1  
fun 1

gaiety 2  
gay 1  
genius 1  
girl 2  
gladness 1  
Goethe 1  
good 3  
guitar 1

hall 2  
happiness 5  
happy 2  
harmonious 1  
harmony 45  
hear 1  
heaven 2  
hurdygurdy 1  
hymn 1

idealism 1  
instrument 21  
instruments 5  
instrumental 1

jolly 1  
joy 11  
joyful 1

lesson 1  
light 1  
line 1  
liveliness 1  
lonely 1  
loud 1  
love 2

man 1  
meditation 1  
melody 24  
Mendelsohn 1  
Merry Widow 1  
Mozart 1  
Mr. B. 1  
Mrs. E. 1  
musician 3  
mute 1

nice 6

|              |     |
|--------------|-----|
| nocturne     | 1   |
| noise        | 16  |
| noisy        | 1   |
| note         | 2   |
| notes        | 17  |
| opera        | 5   |
| orchestra    | 5   |
| organ        | 6   |
| paper        | 2   |
| pastime      | 1   |
| piano        | 180 |
| pianola      | 2   |
| pitch        | 1   |
| play         | 7   |
| playing      | 8   |
| pleasant     | 10  |
| pleasantness | 1   |
| pleasing     | 5   |
| pleasure     | 31  |
| poem         | 1   |
| poetry       | 4   |
| practice     | 1   |
| pretty       | 4   |
| pupils       | 1   |
| quiet        | 1   |
| rack         | 1   |
| racket       | 1   |
| rhyme        | 1   |
| roll         | 2   |
| room         | 1   |
| sadness      | 2   |
| scale        | 1   |
| Schubert     | 2   |
| score        | 1   |
| sheet        | 5   |
| sheets       | 1   |
| sing         | 12  |
| singer       | 1   |
| singing      | 48  |
| soft         | 1   |
| softness     | 1   |
| solemn       | 1   |
| song         | 68  |
| songs        | 6   |
| soothing     | 2   |
| sound        | 95  |
| sounds       | 2   |
| stool        | 2   |

strain 1  
strains 2  
string 1  
study 2  
sweet 47  
sweetness 6  
symphony 4

talent 2  
teacher 6  
teaching 1  
thought 1  
time 2  
tone 3  
town 1  
tune 2

violin 21  
voice 2

Wagner 3  
wavy 1  
window 1  
words 1  
worship 1

Yankee Doodle 1

#### 4. SICKNESS

affliction 1  
age 1  
ailing 3  
ailment 2  
air 1  
anxiety 1  
appendicitis 3  
aunt 1

baby 3  
bad 15  
bed 54  
Bertha 1  
better 1  
body 1  
business 1

calamity 1  
care 1  
child 2  
cold 1  
condition 1

consumption 3  
contagious 2  
convalescence 1  
convalescing 2  
cure 3

danger 1  
death 115  
dietary 1  
diphtheria 8  
disability 1  
disabled 2

discomfort 3  
disease 20  
distress 4  
doctor 62

dread 1  
dreariness 1

enjoyed 1  
ether 1  
exhaustion 1

family 1  
father 3  
fear 1  
feeble 4  
feel 1  
feeling 1  
fever 9  
fevers 1  
fracture 1  
fright 1

gloom 1  
gravel 1  
grief 3  
grunting 1

hard 2  
hatefulness 1  
headache 5  
health 142  
healthy 4  
home 2  
horrible 1  
hospital 9

ill 48  
illness 71  
incompetence 1

inconvenience 1  
indisposition 1  
infirmity 1  
insanity 1  
invalid 2

K. 1

low 1  
lying 1

malady 2  
man 1  
measles 3  
medication 1  
medicine 30  
melancholy 1  
mine 1  
misery 3  
misfortune 3  
mother 3

nervousness 2  
neuralgis 1  
nurse 15  
nursing 2

operation 1  
oranges 1

pain 56  
painful 1  
pale 2  
patient 7  
patients 1  
people 1  
person 1  
physician 7  
pill 1  
pills 1  
plague 1  
pleasantness 1  
pneumonia 5  
poverty 1

quiet 1  
quietness 1

recovery 2  
relapsing 1  
rheumatism 1  
room 1

sad 7  
sadness 9  
serious 2  
severe 4  
sigh 1  
sore 1  
sorrow 24  
sorry 2  
stomach 1  
strength 2  
suffer 1  
suffering 12  
summer 1  
sympathy 2

terror 1  
together 1  
trouble 20  
trying 1  
typhoid 6

uncomfortable 2  
unhappiness 1  
unhappy 1  
unhealthy 1  
unpleasant 5  
unpleasantness 2  
unwell 11

want 1  
weak 1  
weakness 11  
weariness 2  
weary 1  
well 40  
white 1  
worried 1

worriment 1

## 5. MAN

adult 2  
affection 1  
age 1  
alive 1  
animal 12  
animals 1  
animate 1  
appearance 2

|             |    |
|-------------|----|
| baby        | 1  |
| bad         | 2  |
| beard       | 1  |
| beast       | 2  |
| being       | 19 |
| biped       | 3  |
| blond       | 1  |
| body        | 3  |
| boy         | 44 |
| brain       | 1  |
| bright      | 1  |
| brightness  | 1  |
| brother     | 8  |
| brotherhood | 1  |
| brute       | 1  |
| bum         | 1  |
| business    | 6  |
| <br>        |    |
| cane        | 3  |
| certain     | 1  |
| Charles     | 2  |
| child       | 10 |
| children    | 2  |
| Christian   | 1  |
| clergyman   | 1  |
| clothes     | 7  |
| clothing    | 2  |
| coat        | 3  |
| comfort     | 1  |
| companion   | 1  |
| company     | 1  |
| coon        | 1  |
| crank       | 1  |
| creature    | 8  |
| cross       | 1  |
| <br>        |    |
| devil       | 1  |
| doctor      | 2  |
| dress       | 1  |
| <br>        |    |
| educator    | 1  |
| existence   | 1  |
| <br>        |    |
| fakir       | 1  |
| false       | 1  |
| family      | 1  |
| father      | 15 |
| female      | 3  |
| flesh       | 2  |
| form        | 2  |
| fraud       | 1  |
| Fred        | 1  |
| friend      | 2  |

|              |    |
|--------------|----|
| gentle       | 1  |
| gentleman    | 7  |
| girl         | 6  |
| glacier      | 1  |
| good         | 10 |
| greatness    | 1  |
| grown        | 1  |
| growth       | 1  |
| hair         | 1  |
| hat          | 7  |
| help         | 2  |
| home         | 1  |
| homely       | 1  |
| horrible     | 1  |
| horse        | 4  |
| house        | 1  |
| human        | 22 |
| humanity     | 1  |
| husband      | 4  |
| individual   | 1  |
| insane       | 1  |
| institution  | 1  |
| intellectual | 1  |
| intelligent  | 1  |
| janitor      | 1  |
| Joe          | 1  |
| labor        | 1  |
| laborer      | 1  |
| lady         | 7  |
| large        | 11 |
| life         | 4  |
| light        | 1  |
| limb         | 1  |
| living       | 2  |
| lord         | 1  |
| love         | 1  |
| machine      | 1  |
| maiden       | 1  |
| male         | 99 |
| mammal       | 1  |
| manhood      | 1  |
| mankind      | 5  |
| manliness    | 1  |
| manly        | 2  |
| marriage     | 1  |
| married      | 1  |
| masculine    | 6  |

|            |    |
|------------|----|
| mason      | 1  |
| mind       | 1  |
| might      | 1  |
| minister   | 1  |
| minor      | 1  |
| misery     | 1  |
| money      | 1  |
| monkey     | 1  |
| Mr. D.     | 1  |
| Mr. H.     | 1  |
| Mr. N.     | 1  |
| Mr. S.     | 3  |
| muscular   | 1  |
|            |    |
| N.         | 1  |
| nature     | 1  |
| Ned        | 1  |
| nice       | 1  |
| noble      | 3  |
| nuisance   | 1  |
|            |    |
| out        | 1  |
|            |    |
| papa       | 1  |
| passion    | 1  |
| people     | 2  |
| person     | 30 |
| pleasure   | 1  |
| policeman  | 2  |
| politician | 1  |
| power      | 5  |
| professor  | 1  |
| prosperity | 1  |
| provider   | 1  |
|            |    |
| Roosevelt  | 1  |
| ruler      | 1  |
|            |    |
| self       | 1  |
| sex        | 4  |
| shirt      | 1  |
| shoes      | 1  |
| short      | 1  |
| smoking    | 1  |
| stern      | 1  |
| stout      | 1  |
| street     | 1  |
| strength   | 32 |
| strong     | 8  |
| sweetheart | 1  |
|            |    |
| Taft       | 1  |
| tall       | 12 |

|            |     |
|------------|-----|
| thought    | 1   |
| trousers   | 6   |
| true       | 1   |
| unfeminine | 1   |
| use        | 1   |
| V.         | 1   |
| voter      | 1   |
| walk       | 1   |
| wedding    | 1   |
| whiskers   | 1   |
| wife       | 5   |
| wise       | 1   |
| woman      | 394 |
| work       | 17  |
| works      | 1   |
| worker     | 1   |
| working    | 3   |
| young      | 2   |

## 6. DEEP

|            |   |
|------------|---|
| abyss      | 3 |
| altitude   | 1 |
| around     | 1 |
| below      | 3 |
| beneath    | 1 |
| black      | 1 |
| blue       | 3 |
| bottom     | 1 |
| bottomless | 1 |
| bowl       | 1 |
| breath     | 1 |
| broad      | 1 |
| brooding   | 1 |
| brook      | 1 |
| cave       | 2 |
| Cayuga     | 1 |
| chair      | 1 |
| chasm      | 2 |
| cellar     | 1 |
| classic    | 1 |
| clear      | 1 |
| cliff      | 1 |
| danger     | 3 |

|            |    |
|------------|----|
| dangerous  | 5  |
| dark       | 28 |
| darkness   | 4  |
| dense      | 1  |
| depth      | 31 |
| depths     | 1  |
| diameter   | 1  |
| dig        | 1  |
| distance   | 8  |
| ditch      | 8  |
| doleful    | 1  |
| down       | 27 |
| dread      | 1  |
| earth      | 1  |
| extension  | 1  |
| fall       | 2  |
| falling    | 3  |
| far        | 3  |
| fathomless | 5  |
| fear       | 1  |
| full       | 1  |
| gloomy     | 1  |
| good       | 1  |
| gorge      | 1  |
| great      | 1  |
| ground     | 1  |
| heavy      | 1  |
| height     | 5  |
| high       | 37 |
| hole       | 32 |
| hollow     | 13 |
| large      | 8  |
| length     | 8  |
| level      | 2  |
| light      | 4  |
| long       | 18 |
| low        | 51 |
| measure    | 2  |
| mighty     | 1  |
| mind       | 1  |
| mine       | 4  |
| narrow     | 3  |
| ocean      | 93 |
| organ      | 1  |

|            |     |
|------------|-----|
| philosophy | 1   |
| pit        | 1   |
| pond       | 1   |
| pool       | 1   |
| precipice  | 1   |
| profound   | 4   |
| <br>       |     |
| ravine     | 1   |
| reaching   | 1   |
| river      | 13  |
| rocks      | 1   |
| <br>       |     |
| safety     | 1   |
| scare      | 1   |
| sea        | 90  |
| sewer      | 1   |
| shade      | 1   |
| <br>       |     |
| shady      | 1   |
| shallow    | 180 |
| sharp      | 1   |
| ship       | 1   |
| short      | 1   |
| sincere    | 1   |
| sink       | 2   |
| sleep      | 1   |
| smooth     | 1   |
| sorrow     | 1   |
| sound      | 2   |
| space      | 6   |
| spacious   | 2   |
| steep      | 7   |
| story      | 1   |
| strong     | 1   |
| study      | 1   |
| sunken     | 1   |
| surface    | 1   |
| swimming   | 1   |
| <br>       |     |
| thick      | 1   |
| thickness  | 1   |
| thin       | 1   |
| thinking   | 2   |
| thought    | 14  |
| thoughts   | 2   |
| tranquil   | 1   |
| trench     | 1   |
| <br>       |     |
| under      | 1   |
| <br>       |     |
| valley     | 1   |
| vast       | 2   |

|        |     |
|--------|-----|
| wading | 1   |
| water  | 134 |
| well   | 44  |
| wet    | 1   |
| wide   | 12  |
| width  | 2   |

## 7. SOFT

|       |   |
|-------|---|
| apple | 1 |
|-------|---|

|           |    |
|-----------|----|
| baby      | 7  |
| ball      | 2  |
| beautiful | 1  |
| bed       | 12 |
| boiled    | 1  |
| brain     | 1  |
| bread     | 4  |
| breeze    | 1  |
| butter    | 12 |

|             |    |
|-------------|----|
| cake        | 1  |
| candy       | 1  |
| care        | 1  |
| carpet      | 1  |
| cat         | 1  |
| cement      | 1  |
| clay        | 1  |
| clean       | 1  |
| cloth       | 3  |
| clothes     | 1  |
| coal        | 2  |
| cold        | 1  |
| color       | 2  |
| comfort     | 2  |
| comfortable | 5  |
| comply      | 1  |
| consistency | 1  |
| cotton      | 28 |
| crabs       | 1  |
| cream       | 2  |
| creeping    | 1  |
| cushion     | 25 |

|       |   |
|-------|---|
| dark  | 1 |
| dough | 1 |
| down  | 6 |
| dress | 1 |
| drink | 1 |

|       |   |
|-------|---|
| earth | 7 |
|-------|---|

|          |     |
|----------|-----|
| ease     | 1   |
| easy     | 34  |
| egg      | 2   |
| eggs     | 2   |
| eyes     | 1   |
| feather  | 2   |
| feathers | 24  |
| feathery | 1   |
| feel     | 1   |
| feeling  | 8   |
| felt     | 1   |
| fine     | 5   |
| firm     | 1   |
| flabby   | 3   |
| fleece   | 1   |
| flesh    | 1   |
| flexible | 7   |
| floor    | 1   |
| fluffy   | 1   |
| food     | 2   |
| foolish  | 1   |
| form     | 1   |
| fruit    | 3   |
| fun      | 1   |
| fur      | 4   |
| gentle   | 3   |
| girl     | 1   |
| glove    | 1   |
| good     | 3   |
| grasp    | 1   |
| grass    | 1   |
| ground   | 3   |
| gum      | 1   |
| hair     | 3   |
| hand     | 3   |
| hands    | 1   |
| hard     | 365 |
| harsh    | 1   |
| hazy     | 1   |
| head     | 1   |
| idiot    | 1   |
| jelly    | 1   |
| kitten   | 2   |
| large    | 1   |
| light    | 8   |
| lightly  | 1   |

|              |    |
|--------------|----|
| liquid       | 2  |
| loose        | 2  |
| loud         | 5  |
| low          | 5  |
| maple        | 1  |
| marshes      | 1  |
| medium       | 1  |
| mellow       | 11 |
| membrane     | 1  |
| mild         | 2  |
| moist        | 1  |
| moss         | 2  |
| mud          | 15 |
| mush         | 10 |
| mushing      | 1  |
| mushy        | 12 |
| music        | 4  |
| nice         | 4  |
| palatable    | 1  |
| peach        | 2  |
| pear         | 2  |
| pillow       | 53 |
| pillows      | 2  |
| pliable      | 8  |
| plush        | 2  |
| pudding      | 4  |
| putty        | 4  |
| quality      | 1  |
| quiet        | 2  |
| rubber       | 3  |
| sand         | 1  |
| satisfactory | 1  |
| seat         | 1  |
| silk         | 10 |
| skin         | 1  |
| slow         | 2  |
| slushy       | 1  |
| smooth       | 27 |
| snap         | 3  |
| snow         | 7  |
| soap         | 6  |
| soup         | 1  |
| sponge       | 22 |
| sponges      | 1  |
| spongy       | 8  |

|           |    |
|-----------|----|
| squash    | 1  |
| sticky    | 1  |
| strong    | 1  |
| substance | 1  |
| sweet     | 8  |
| sweetness | 1  |
| tender    | 8  |
| texture   | 1  |
| timid     | 1  |
| tomatoes  | 1  |
| touch     | 4  |
| velvet    | 15 |
| voice     | 2  |
| wadding   | 1  |
| warm      | 1  |
| water     | 8  |
| watery    | 1  |
| wax       | 1  |
| wet       | 3  |
| white     | 3  |
| wool      | 8  |
| woolen    | 1  |
| yielding  | 5  |

## 8. EATING

|              |    |
|--------------|----|
| abstain      | 1  |
| abstinence   | 1  |
| action       | 2  |
| appetite     | 28 |
| apple        | 4  |
| apples       | 6  |
| assimilation | 1  |
| biting       | 1  |
| bread        | 46 |
| breakfast    | 7  |
| butter       | 1  |
| cake         | 4  |
| candy        | 3  |
| Chacona's    | 1  |
| chew         | 1  |
| chewing      | 27 |
| chicken      | 3  |
| coffee       | 1  |
| Commons      | 1  |
| consuming    | 4  |

|             |     |
|-------------|-----|
| cooking     | 3   |
| cream       | 2   |
| devour      | 1   |
| devouring   | 2   |
| diet        | 2   |
| diets       | 1   |
| digest      | 1   |
| digesting   | 7   |
| digestion   | 10  |
| dine        | 2   |
| dining      | 1   |
| dinner      | 31  |
| drink       | 6   |
| drinking    | 166 |
| dyspepsia   | 1   |
| enjoyable   | 1   |
| enjoying    | 1   |
| enjoyment   | 2   |
| enough      | 1   |
| etiquette   | 1   |
| fast        | 3   |
| fasting     | 5   |
| fattening   | 1   |
| feasting    | 2   |
| feed        | 1   |
| feeding     | 5   |
| filling     | 2   |
| finishing   | 1   |
| fish        | 3   |
| flavor      | 1   |
| flesh       | 1   |
| food        | 170 |
| fork        | 2   |
| forks       | 1   |
| fruit       | 8   |
| full        | 4   |
| gluttonish  | 1   |
| good        | 23  |
| gormandizer | 1   |
| gratifying  | 1   |
| habit       | 3   |
| health      | 9   |
| healthful   | 1   |
| heartily    | 1   |
| hearty      | 1   |
| hot         | 2   |
| house       | 1   |
| hunger      | 19  |

hungry 44

ice-cream 2

indigestion 4

knives 1

lemons 1

life 2

live 4

living 5

lobster 1

lobsters 1

lunch 8

masticate 1

masticating 11

mastication 5

matter 1

meal 4

meals 10

meat 11

meeting 1

mild 1

milk 1

more 1

motion 1

mouth 2

movement 1

much 1

myself 1

necessary 4

necessity 7

nice 3

nourish 1

nourishing 2

nourishment 11

olives 1

oranges 1

palatable 2

people 3

pie 3

pleasant 7

pleasantness 1

pleasure 10

plenty 1

poor 1

potato 1

potatoes 2

|              |    |
|--------------|----|
| provisions   | 1  |
| pudding      | 1  |
| quick        | 1  |
| quickly      | 1  |
| refreshing   | 2  |
| refreshment  | 1  |
| Reisenweber  | 1  |
| relief       | 1  |
| relish       | 2  |
| resting      | 2  |
| room         | 1  |
| sandwich     | 1  |
| satisfaction | 12 |
| satisfied    | 4  |
| satisfy      | 1  |
| satisfying   | 5  |
| sick         | 1  |
| sit          | 1  |
| sitting      | 1  |
| sleep        | 1  |
| sleeping     | 17 |
| slow         | 2  |
| slowly       | 1  |
| soup         | 2  |
| starving     | 4  |
| steak        | 2  |
| stomach      | 2  |
| strawberries | 1  |
| strength     | 2  |
| substance    | 1  |
| sufficient   | 2  |
| sugar        | 1  |
| surfeiting   | 1  |
| sustaining   | 1  |
| sustenance   | 2  |
| swallow      | 6  |
| swallowing   | 5  |
| table        | 21 |
| talking      | 1  |
| taste        | 7  |
| tasting      | 2  |
| teeth        | 3  |
| thinking     | 1  |
| throat       | 1  |
| tongue       | 1  |
| use          | 1  |
| utensils     | 1  |

vegetable 2  
vegetables 8  
victuals 4  
  
want 2  
water 1  
watermelon 1  
well 2  
work 1

## 9. MOUNTAIN

abrasion 1  
Adirondacks 4  
air 2  
Alleghany 3  
Alps 6  
altitude 2  
attractive 1  
automobile 1

Bald 1  
beautiful 1  
beauty 2  
big 2  
Blanc 1  
Bluff 1  
Breckenridge 1

camping 1  
Catskills 8  
cliff 2  
cliffs 1  
Clifton 1  
climb 9  
climbing 27  
close 1  
clouds 3  
cone 1  
country 5  
crevice 1

descend 1  
descending 2  
desert 1  
dirt 1  
distance 1  
ditch 1

earth 3  
elevation 9

fear 1  
field 1  
Flashman 1  
foliage 1  
fountain 1

Galeton 1  
geography 1  
grand 1  
grandeur 3  
granite 1  
grass 1  
great 1  
green 4  
ground 1

heath 1  
height 73  
heights 2  
high 246  
highlands 1  
highness 2  
hill 184  
hills 82  
hilltop 2  
hilltops 1  
hilly 2  
Himalaya 1  
hollow 5  
Holyoke 1  
home 1

horse 1  
Hudson 1  
huge 2

impressive 1  
incline 1  
island 1

Kipling 1  
knoll 1

lake 8  
land 6  
landscape 1  
large 4  
level 1  
lofty 1  
low 2  
lowland 1

Monodonack 1  
mound 1  
Mount Ivy 1  
Mount Kearsarge 1  
Mount McKinley 1  
Mount Pleasant 1  
Mount Shasta 1  
Mount Wilson 1

object 2  
Owl's Head 1

peak 16  
peaks 1  
pictures 1  
Pike's Peak 1  
pines 1  
plain 11  
plateaus 1  
pleasure 3

pointed 1  
railway 1  
range 3  
ranges 1  
river 8

rock 10  
Rockies 6  
rocks 18  
rocky 5  
rough 1

scene 1  
scenery 3  
sea 1  
seas 1  
seashore 1

shadows 1  
shooting 1  
size 1  
sky 2  
slope 1  
snow 10  
steep 12  
steepness 1  
stone 2  
stones 1  
stream 2  
summit 4  
Switzerland 2

|            |    |
|------------|----|
| tall       | 1  |
| Terrace    | 1  |
| top        | 5  |
| tree       | 2  |
| trees      | 17 |
| up         | 1  |
| vale       | 2  |
| valley     | 90 |
| valleys    | 5  |
| Vermont    | 1  |
| view       | 2  |
| volcano    | 2  |
| Washington | 1  |
| White      | 5  |
| wood       | 1  |
| woods      | 3  |

#### 10. HOUSE

|            |    |
|------------|----|
| abode      | 15 |
| alley      | 1  |
| apartment  | 3  |
| background | 1  |
| barn       | 74 |
| Bay Ridge  | 1  |
| beautiful  | 2  |
| Belknap    | 1  |
| big        | 4  |
| blinds     | 1  |
| boards     | 3  |
| boat       | 2  |
| box        | 1  |
| brick      | 23 |
| bricks     | 5  |
| brown      | 2  |
| build      | 2  |
| building   | 78 |
| bungalow   | 2  |
| cabin      | 8  |
| camp       | 1  |
| carpenter  | 1  |
| carpet     | 1  |
| castle     | 4  |
| cattle     | 1  |
| cellar     | 1  |
| chair      | 2  |

|             |    |
|-------------|----|
| chamber     | 1  |
| chicken     | 1  |
| chimney     | 5  |
| church      | 1  |
| city        | 2  |
| clean       | 2  |
| closed      | 1  |
| college     | 1  |
| comfort     | 9  |
| comforts    | 1  |
| comfortable | 3  |
| contractor  | 1  |
| corridor    | 1  |
| cottage     | 42 |
| cover       | 3  |
| covering    | 1  |
|             |    |
| dark        | 1  |
| den         | 1  |
| dog         | 2  |
| domestic    | 1  |
| domicile    | 1  |
| door        | 16 |
| doors       | 1  |
| dwell       | 3  |
| dwelling    | 68 |
|             |    |
| enclosure   | 1  |
| erection    | 1  |
|             |    |
| family      | 4  |
| fancy       | 1  |
| farm        | 2  |
| farmer      | 1  |
| fence       | 1  |
| field       | 1  |
| fire        | 1  |
| floor       | 1  |
| form        | 1  |
| foundation  | 1  |
| frame       | 5  |
| friends     | 1  |
| furnace     | 1  |
| furnishing  | 1  |
| furniture   | 11 |
|             |    |
| garden      | 10 |
| grandmother | 1  |
| great       | 1  |
| green       | 2  |
|             |    |
| ground      | 3  |
| grounds     | 1  |

|                |     |
|----------------|-----|
| habitable      | 1   |
| habitation     | 5   |
|                |     |
| happiness      | 1   |
| height         | 2   |
| high           | 3   |
| hill           | 3   |
| home           | 103 |
| homeless       | 1   |
| hospital       | 4   |
| hot            | 1   |
| hotel          | 4   |
| hovel          | 1   |
| hut            | 2   |
|                |     |
| inhabitant     | 1   |
| inhabited      | 1   |
| inmates        | 1   |
| into           | 1   |
|                |     |
| joy            | 1   |
|                |     |
| land           | 10  |
| lake           | 1   |
|                |     |
| large          | 24  |
| lawn           | 3   |
| lemon          | 1   |
| Leonia         | 1   |
| life           | 2   |
| live           | 33  |
| living         | 19  |
| lot            | 18  |
| lots           | 1   |
| lumber         | 3   |
|                |     |
| man            | 2   |
| mansion        | 14  |
| material       | 1   |
| mine           | 1   |
| mortgage       | 1   |
| Mountain House | 1   |
| mouse          | 2   |
|                |     |
| new            | 1   |
|                |     |
| object         | 1   |
| old            | 1   |
| ours           | 1   |
|                |     |
| palace         | 1   |
| painting       | 1   |

|            |    |
|------------|----|
| Pasadena   | 1  |
| people     | 11 |
| piazza     | 2  |
| picture    | 1  |
| place      | 6  |
| pleasant   | 1  |
| pretty     | 3  |
| property   | 1  |
| protection | 3  |
| red        | 4  |
| refuge     | 1  |
| residence  | 19 |
| resident   | 2  |
| restful    | 1  |
| road       | 1  |
| roof       | 12 |
| room       | 9  |
| rooms      | 8  |
| Sage       | 1  |
| school     | 2  |
| sea        | 1  |
| shanty     | 1  |
| shed       | 5  |
| shelter    | 22 |
| sky        | 2  |
| small      | 2  |
| spacious   | 1  |
| square     | 4  |
| stable     | 3  |
| star       | 1  |
| steps      | 1  |
| stone      | 7  |
| stoop      | 1  |
| store      | 2  |
| street     | 7  |
| structure  | 8  |
| tabernacle | 1  |
| table      | 1  |
| tall       | 1  |
| telescope  | 1  |
| tenant     | 1  |
| tenement   | 2  |
| tent       | 3  |
| timber     | 1  |
| top        | 5  |
| town       | 1  |
| tree       | 2  |
| trees      | 1  |
| tumbler    | 1  |

|          |    |
|----------|----|
| villa    | 2  |
| village  | 1  |
| walls    | 1  |
| warm     | 3  |
| wealth   | 1  |
| well     | 1  |
| white    | 9  |
| Whittier | 1  |
| wide     | 1  |
| willow   | 1  |
| window   | 9  |
| windows  | 5  |
| wood     | 31 |
| wooden   | 1  |
| workman  | 1  |
| worship  | 1  |
| yard     | 10 |

#### 11. BLACK

|           |     |
|-----------|-----|
| agreeable | 1   |
| blue      | 8   |
| board     | 3   |
| book      | 2   |
| bright    | 2   |
| buggy     | 1   |
| cat       | 8   |
| chair     | 1   |
| charcoal  | 1   |
| cloth     | 17  |
| clothes   | 4   |
| cloud     | 1   |
| clouds    | 1   |
| cloudy    | 2   |
| coal      | 3   |
| coat      | 3   |
| color     | 129 |
| colored   | 1   |
| colorless | 3   |
| crepe     | 2   |
| curtain   | 1   |
| dark      | 172 |
| darkness  | 36  |
| death     | 4   |
| dense     | 1   |
| desolate  | 1   |

|              |    |
|--------------|----|
| dirty        | 2  |
| disagreeable | 1  |
| disklike     | 1  |
| dog          | 4  |
| domino       | 1  |
| dress        | 29 |
| dye          | 2  |
| earth        | 1  |
| ebony        | 1  |
| face         | 1  |
| fear         | 2  |
| figure       | 1  |
| flecked      | 1  |
| floor        | 1  |
| funeral      | 1  |
| gloomy       | 2  |
| gown         | 1  |
| gray         | 2  |
| green        | 7  |
| hair         | 2  |
| hat          | 3  |
| heavy        | 1  |
| hog          | 1  |
| horror       | 1  |
| horse        | 5  |
| impenetrable | 1  |
| ink          | 14 |
| lack         | 1  |
| light        | 12 |
| mammy        | 1  |
| man          | 2  |
| Mrs. B.      | 1  |
| mournful     | 2  |
| mourning     | 17 |
| mud          | 1  |
| negro        | 7  |
| negroes      | 1  |
| nigger       | 6  |
| night        | 51 |
| nothing      | 1  |
| obscure      | 1  |
| orange       | 1  |

|           |     |
|-----------|-----|
| paint     | 4   |
| paper     | 1   |
| pen       | 1   |
| pink      | 2   |
| pipe      | 1   |
| pit       | 1   |
|           |     |
| radiator  | 1   |
| red       | 4   |
| ribbon    | 1   |
| robe      | 1   |
|           |     |
| sad       | 1   |
| sadness   | 2   |
| sack      | 1   |
| shady     | 1   |
| sheep     | 2   |
| shoe      | 4   |
| shoes     | 1   |
| sign      | 1   |
| skirt     | 2   |
| sky       | 1   |
| somber    | 2   |
| soot      | 1   |
| sorrow    | 4   |
| space     | 1   |
| spectrum  | 1   |
| stocking  | 1   |
| stockings | 1   |
| suit      | 1   |
|           |     |
| table     | 1   |
| tar       | 1   |
| terror    | 1   |
| tie       | 1   |
|           |     |
| umbrella  | 1   |
|           |     |
| velvet    | 1   |
|           |     |
| wall      | 2   |
| water     | 1   |
| white     | 339 |
|           |     |
| wonder    | 1   |
| wood      | 1   |
|           |     |
| yellow    | 2   |

|              |    |
|--------------|----|
| animal       | 9  |
| animals      | 1  |
| appetite     | 1  |
| Australia    | 1  |
| baa          | 1  |
| beef         | 97 |
| bony         | 1  |
| breakfast    | 1  |
| broth        | 15 |
| brown        | 1  |
| butcher      | 2  |
| calf         | 2  |
| cattle       | 1  |
| cheap        | 3  |
| chop         | 34 |
| chops        | 33 |
| cow          | 2  |
| delicious    | 1  |
| dinner       | 6  |
| disagreeable | 2  |
| dish         | 1  |
| dislike      | 2  |
| disliked     | 1  |
| eat          | 14 |
| eatable      | 7  |
| eating       | 10 |
| fat          | 7  |
| field        | 2  |
| flesh        | 10 |
| flock        | 1  |
| food         | 30 |
| fork         | 1  |
| fowl         | 1  |
| goat         | 1  |
| good         | 9  |
| grass        | 1  |
| grease       | 2  |
| greasy       | 1  |
| ham          | 2  |
| hate         | 1  |
| head         | 2  |
| horrid       | 1  |
| indigestion  | 1  |

|            |     |
|------------|-----|
| knife      | 1   |
| lamb       | 121 |
| lambs      | 2   |
| leg        | 5   |
| Mary       | 1   |
| meat       | 257 |
| mouse      | 1   |
| muttonhead | 1   |
| nice       | 2   |
| old        | 1   |
| pastures   | 1   |
| peas       | 1   |
| pig        | 2   |
| pork       | 3   |
| rare       | 1   |
| roast      | 4   |
| sauce      | 1   |
| sheep      | 204 |
| smell      | 1   |
| soft       | 1   |
| soup       | 2   |
| stale      | 1   |
| steak      | 3   |
| stew       | 2   |
| strong     | 2   |
| table      | 4   |
| tallow     | 6   |
| tender     | 3   |
| thinking   | 1   |
| tough      | 6   |
| uncle      | 1   |
| veal       | 30  |
| vegetables | 1   |
| vegetarian | 1   |
| wool       | 4   |

### 13. COMFORT

|           |   |
|-----------|---|
| agony     | 1 |
| annoyance | 1 |

|             |     |
|-------------|-----|
| bad         | 1   |
| bed         | 42  |
| blanket     | 4   |
| book        | 1   |
| books       | 1   |
| canoe       | 1   |
| care        | 4   |
| chair       | 31  |
| cheer       | 1   |
| children    | 1   |
| cloth       | 1   |
| comfortable | 4   |
| comforter   | 1   |
| consolation | 2   |
| console     | 1   |
| consoling   | 1   |
| content     | 2   |
| contentment | 4   |
| convenience | 2   |
| cozy        | 1   |
| couch       | 9   |
| cover       | 1   |
| covering    | 1   |
| cushion     | 4   |
| cushions    | 1   |
| davenport   | 1   |
| death       | 1   |
| delightful  | 1   |
| desirable   | 2   |
| discomfort  | 24  |
| disease     | 1   |
| displeasure | 1   |
| distress    | 4   |
| driving     | 1   |
| ease        | 165 |
| easiness    | 11  |
| easy        | 61  |
| eating      | 1   |
| enjoying    | 1   |
| enjoyment   | 6   |
| feather     | 1   |
| feeling     | 1   |
| fireplace   | 2   |
| fireside    | 2   |
| friends     | 1   |
| God         | 1   |
| good        | 5   |

|            |    |
|------------|----|
| goodness   | 1  |
| great      | 1  |
| grief      | 1  |
| hammock    | 7  |
| happiness  | 50 |
| happy      | 17 |
| hard       | 2  |
| hardship   | 7  |
| healing    | 1  |
| health     | 15 |
| help       | 3  |
| home       | 63 |
| house      | 4  |
| household  | 1  |
| I          | 1  |
| idleness   | 1  |
| ill        | 1  |
| joy        | 9  |
| justice    | 1  |
| kindness   | 1  |
| lamp       | 1  |
| laziness   | 2  |
| lazy       | 1  |
| leisure    | 6  |
| less       | 1  |
| life       | 1  |
| like       | 1  |
| living     | 2  |
| loneliness | 1  |
| lounge     | 6  |
| luxurious  | 1  |
| luxury     | 23 |
| man        | 1  |
| mansion    | 1  |
| miserable  | 1  |
| misery     | 9  |
| money      | 9  |
| mother     | 3  |
| neatness   | 1  |
| nice       | 4  |
| none       | 1  |
| nurse      | 2  |
| pain       | 4  |
| palace     | 2  |
| patient    | 1  |

|              |    |
|--------------|----|
| peace        | 12 |
| people       | 1  |
| pillow       | 2  |
| pipe         | 1  |
| playing      | 1  |
| pleasant     | 9  |
| please       | 1  |
| pleasure     | 77 |
| plentiness   | 1  |
| plenty       | 1  |
| Polly        | 1  |
| post         | 1  |
| quiet        | 6  |
| quietness    | 1  |
| quilt        | 7  |
| rain         | 1  |
| relief       | 1  |
| rest         | 53 |
| restful      | 1  |
| restfulness  | 1  |
| resting      | 5  |
| rich         | 1  |
| rocker       | 8  |
| safety       | 1  |
| salary       | 1  |
| satisfaction | 4  |
| satisfied    | 8  |
| security     | 1  |
| settled      | 1  |
| sick         | 1  |
| sickness     | 3  |
| sit          | 1  |
| sitting      | 4  |
| sleep        | 10 |
| slippers     | 1  |
| slumber      | 1  |
| smoke        | 1  |
| smoking      | 1  |
| sofa         | 5  |
| soft         | 2  |
| solace       | 1  |
| solid        | 11 |
| solitude     | 8  |
| soothing     | 2  |
| sorrow       | 5  |
| speak        | 1  |
| spirit       | 1  |
| spread       | 1  |
| suffering    | 1  |

|               |    |
|---------------|----|
| sweet         | 1  |
| swing         | 1  |
| table         | 2  |
| taken         | 1  |
| tea           | 1  |
| thankfulness  | 1  |
| tired         | 1  |
| trials        | 1  |
| trouble       | 1  |
| uncomfort     | 1  |
| uncomfortable | 10 |
| uneasiness    | 3  |
| uneasy        | 3  |
| unrest        | 1  |
| unwell        | 1  |
| warm          | 6  |
| warmth        | 4  |
| wealth        | 6  |
| well          | 8  |
| well-being    | 1  |
| wine          | 1  |
| wish          | 1  |
| woman         | 1  |
| wool          | 1  |
| work          | 1  |
| ye            | 1  |

#### 14. HAND

|             |    |
|-------------|----|
| anatomy     | 2  |
| arm         | 63 |
| arms        | 2  |
| ball        | 1  |
| beautiful   | 3  |
| black       | 3  |
| bleeding    | 1  |
| body        | 48 |
| bone        | 1  |
| bones       | 1  |
| busy        | 1  |
| cards       | 2  |
| clean       | 1  |
| clock       | 1  |
| convenience | 1  |
| cradle      | 1  |

|            |     |
|------------|-----|
| cunning    | 1   |
| dexterity  | 1   |
| diligence  | 1   |
| dissecting | 1   |
| do         | 1   |
| doing      | 2   |
| dog        | 1   |
| ear        | 1   |
| elbow      | 1   |
| extremity  | 6   |
| face       | 7   |
| fat        | 1   |
| feel       | 11  |
| feeling    | 5   |
| feet       | 35  |
| fellowship | 2   |
| finger     | 39  |
| fingers    | 83  |
| fist       | 1   |
| flesh      | 19  |
| foot       | 204 |
| form       | 1   |
| formation  | 1   |
| friend     | 1   |
| friendship | 1   |
| fruit      | 1   |
| give       | 1   |
| glove      | 20  |
| gloves     | 5   |
| good       | 1   |
| grasp      | 8   |
| greeting   | 1   |
| grip       | 8   |
| handle     | 1   |
| handy      | 3   |
| hard       | 1   |
| head       | 1   |
| heart      | 2   |
| help       | 6   |
| helper     | 2   |
| helping    | 1   |
| hold       | 8   |
| holding    | 1   |
| human      | 2   |
| instrument | 2   |
| jewel      | 1   |

|              |    |
|--------------|----|
| kindness     | 1  |
| knife        | 1  |
| knitting     | 1  |
| labor        | 1  |
| large        | 1  |
| leg          | 4  |
| legs         | 1  |
| lemon        | 1  |
| life         | 2  |
| limb         | 48 |
| limbs        | 1  |
| long         | 1  |
| love         | 1  |
| machine      | 2  |
| maid         | 1  |
| man          | 3  |
| manipulation | 1  |
| member       | 14 |
| mind         | 1  |
| mine         | 1  |
| mouth        | 4  |
| move         | 1  |
| muscle       | 4  |
| nail         | 2  |
| nails        | 1  |
| name         | 1  |
| narrow       | 3  |
| necessity    | 2  |
| nice         | 1  |
| nimble       | 1  |
| nose         | 1  |
| object       | 1  |
| organ        | 4  |
| palm         | 5  |
| part         | 1  |
| paw          | 2  |
| pencil       | 1  |
| perfect      | 1  |
| person       | 10 |
| piano        | 1  |
| pen          | 1  |
| power        | 8  |
| pretty       | 8  |
| purity       | 1  |
| reach        | 1  |
| rest         | 1  |

|              |    |
|--------------|----|
| right        | 11 |
| ring         | 28 |
| rings        | 2  |
| satisfaction | 1  |
| servant      | 1  |
| sew          | 2  |
| sewing       | 2  |
| shake        | 9  |
| shape        | 1  |
| shapely      | 1  |
| shop         | 1  |
| shoulder     | 1  |
| akin         | 4  |
| slim         | 1  |
| small        | 8  |
| soap         | 1  |
| soft         | 8  |
| something    | 1  |
| sore         | 1  |
| strength     | 6  |
| strong       | 3  |
| support      | 1  |
| system       | 1  |
| table        | 1  |
| thread       | 1  |
| touch        | 9  |
| two          | 2  |
| use          | 12 |
| useful       | 24 |
| usefulness   | 4  |
| watch        | 1  |
| woman        | 1  |
| work         | 49 |
| white        | 15 |
| wrist        | 1  |
| write        | 3  |
| writing      | 11 |
| you          | 1  |

#### 15. SHORT

|             |   |
|-------------|---|
| abbreviated | 2 |
| age         | 1 |
| arm         | 2 |
| baby        | 1 |

|              |    |
|--------------|----|
| beach        | 1  |
| beam         | 1  |
| board        | 1  |
| boy          | 3  |
| brevity      | 1  |
| brick        | 1  |
| brief        | 7  |
| broad        | 1  |
| build        | 1  |
| <br>         |    |
| C.           | 1  |
| cake         | 1  |
| chair        | 1  |
| change       | 1  |
| child        | 4  |
| children     | 1  |
| clock        | 1  |
| cloth        | 1  |
| comfort      | 1  |
| compact      | 1  |
| cut          | 1  |
| cylinder     | 1  |
| <br>         |    |
| dainty       | 1  |
| day          | 4  |
| deficient    | 2  |
| dimension    | 1  |
| diminiature  | 1  |
| diminutive   | 2  |
| disagreeable | 1  |
| distance     | 10 |
| dot          | 1  |
| down         | 1  |
| drawn        | 1  |
| dress        | 3  |
| dumpy        | 2  |
| dwarf        | 11 |
| dwarfs       | 1  |
| <br>         |    |
| easy         | 2  |
| elongated    | 1  |
| extension    | 1  |
| <br>         |    |
| fat          | 4  |
| finger       | 1  |
| flowerpot    | 1  |
| foot         | 2  |
| friend       | 2  |
| <br>         |    |
| girl         | 11 |
| good         | 1  |
| grandmother  | 1  |
| grass        | 5  |

|              |     |
|--------------|-----|
| hair         | 2   |
| happiness    | 1   |
| height       | 13  |
| high         | 4   |
| hour         | 1   |
| hours        | 3   |
| inch         | 5   |
| journey      | 2   |
| Karl         | 1   |
| lacking      | 1   |
| lady         | 4   |
| lake         | 1   |
| large        | 2   |
| leg          | 2   |
| length       | 18  |
| lesson       | 1   |
| lessons      | 1   |
| life         | 5   |
| little       | 15  |
| line         | 1   |
| lived        | 1   |
| long         | 279 |
| low          | 11  |
| lowly        | 1   |
| man          | 20  |
| measure      | 3   |
| measurements | 1   |
| medium       | 2   |
| midget       | 1   |
| millimeter   | 1   |
| minus        | 1   |
| Miss K.      | 1   |
| money        | 1   |
| mother       | 1   |
| myself       | 6   |
| name         | 1   |
| narrow       | 1   |
| near         | 1   |
| needle       | 1   |
| not          | 1   |
| out          | 1   |
| pencil       | 6   |
| people       | 3   |
| person       | 15  |

|              |     |
|--------------|-----|
| petticoat    | 1   |
| pin          | 1   |
| pity         | 1   |
| plant        | 1   |
| plants       | 1   |
| pony         | 1   |
| post         | 2   |
| pygmy        | 2   |
| quick        | 8   |
| quickly      | 1   |
| road         | 1   |
| round        | 1   |
| session      | 1   |
| shallow      | 1   |
| sister       | 1   |
| size         | 5   |
| skirt        | 1   |
| sleek        | 1   |
| slight       | 1   |
| slightly     | 1   |
| small        | 136 |
| space        | 1   |
| speech       | 2   |
| square       | 1   |
| staccato     | 1   |
| stature      | 2   |
| stem         | 2   |
| stick        | 8   |
| stop         | 2   |
| story        | 1   |
| stout        | 24  |
| strawberries | 1   |
| street       | 2   |
| string       | 1   |
| strong       | 1   |
| stubborn     | 1   |
| stubby       | 9   |
| stumpy       | 4   |
| stunned      | 1   |
| stunted      | 1   |
| sufficient   | 1   |
| sum          | 1   |
| sweet        | 1   |
| tall         | 168 |
| thick        | 6   |
| thin         | 1   |
| time         | 8   |
| tiny         | 1   |
| Tom Thumb    | 1   |

|            |   |
|------------|---|
| tree       | 1 |
| unpleasant | 1 |
| useless    | 1 |
| vacation   | 1 |
| waisted    | 1 |
| walk       | 3 |
| want       | 1 |
| wanting    | 2 |
| water      | 1 |
| well       | 1 |
| wide       | 1 |
| woman      | 6 |
| wood       | 1 |
| worm       | 1 |
| you        | 1 |

## 16. FRUIT

|              |     |
|--------------|-----|
| acid         | 2   |
| appetite     | 2   |
| apple        | 157 |
| apples       | 102 |
| article      | 1   |
| bake         | 1   |
| banana       | 11  |
| bananas      | 8   |
| berries      | 7   |
| berry        | 1   |
| blackberries | 1   |
| bread        | 2   |
| cake         | 2   |
| can          | 1   |
| candies      | 1   |
| candy        | 3   |
| cherries     | 2   |
| cherry       | 2   |
| country      | 1   |
| currants     | 1   |
| dainty       | 1   |
| delicacy     | 2   |
| delicious    | 9   |
| desire       | 1   |
| digest       | 1   |
| digestion    | 1   |

|           |    |
|-----------|----|
| easy      | 1  |
| eat       | 62 |
| eatable   | 33 |
| eatables  | 15 |
| eating    | 35 |
| edible    | 1  |
| eggs      | 1  |
| enjoyment | 2  |

|         |    |
|---------|----|
| figs    | 1  |
| fish    | 1  |
| flesh   | 1  |
| flower  | 3  |
| flowers | 3  |
| fond    | 1  |
| food    | 22 |
| fresh   | 1  |

|            |    |
|------------|----|
| garden     | 2  |
| good       | 24 |
| grain      | 2  |
| grape      | 4  |
| grapes     | 14 |
| grapefruit | 1  |
| green      | 1  |
| groves     | 1  |
| grow       | 1  |
| grows      | 1  |
| growth     | 2  |

|         |   |
|---------|---|
| health  | 3 |
| healthy | 3 |
| home    | 1 |

|              |   |
|--------------|---|
| Italians     | 1 |
| invigorating | 1 |

|       |   |
|-------|---|
| jam   | 1 |
| juice | 6 |
| juicy | 5 |

|       |   |
|-------|---|
| knife | 1 |
|-------|---|

|          |   |
|----------|---|
| lemon    | 2 |
| liked    | 1 |
| love     | 1 |
| luscious | 5 |
| luxury   | 2 |

|          |   |
|----------|---|
| meat     | 4 |
| medicine | 1 |
| melon    | 1 |
| milk     | 1 |

|              |    |
|--------------|----|
| nourishing   | 1  |
| nourishment  | 2  |
| nice         | 5  |
| nutritious   | 2  |
| nuts         | 2  |
| orange       | 25 |
| oranges      | 26 |
| orchard      | 6  |
| outcome      | 1  |
| palatable    | 2  |
| peach        | 17 |
| peaches      | 32 |
| pears        | 11 |
| picking      | 1  |
| pie          | 1  |
| pineapple    | 2  |
| plant        | 1  |
| plants       | 1  |
| pleasant     | 2  |
| pleasure     | 1  |
| plenty       | 2  |
| plum         | 2  |
| produce      | 2  |
| prune        | 1  |
| raspberries  | 1  |
| raspberry    | 1  |
| red          | 1  |
| result       | 1  |
| ripe         | 9  |
| ripeness     | 1  |
| salad        | 1  |
| seed         | 5  |
| sickness     | 1  |
| sour         | 4  |
| south        | 1  |
| spring       | 1  |
| stalk        | 1  |
| stand        | 1  |
| stems        | 1  |
| store        | 1  |
| strawberries | 2  |
| strawberry   | 1  |
| summer       | 2  |
| swallow      | 1  |
| sweet        | 24 |
| sweets       | 1  |
| table        | 3  |

|            |    |
|------------|----|
| taste      | 5  |
| tree       | 25 |
| trees      | 27 |
| vegetable  | 75 |
| vegetables | 28 |
| watermelon | 1  |
| wine       | 1  |

## 17. BUTTERFLY

|              |    |
|--------------|----|
| air          | 1  |
| airiness     | 1  |
| airy         | 2  |
| animal       | 24 |
| animals      | 2  |
| ant          | 2  |
| beast        | 1  |
| beautiful    | 24 |
| beauty       | 20 |
| bee          | 31 |
| bees         | 4  |
| beetle       | 5  |
| bird         | 64 |
| birds        | 10 |
| black        | 2  |
| blossom      | 1  |
| blue         | 1  |
| bread        | 2  |
| bright       | 1  |
| brilliant    | 2  |
| brown        | 1  |
| bush         | 1  |
| butter       | 3  |
| buttercup    | 6  |
| bug          | 11 |
| bugs         | 1  |
| bumblebee    | 1  |
| cabbage      | 1  |
| caterpillar  | 37 |
| caterpillars | 1  |
| chase        | 1  |
| chrysalis    | 3  |
| cocoon       | 6  |
| cocoons      | 1  |
| collection   | 4  |
| color        | 12 |
| colors       | 8  |
| colored      | 3  |

|              |     |
|--------------|-----|
| country      | 2   |
| cricket      | 1   |
| daisy        | 1   |
| dish         | 1   |
| dove         | 1   |
| dress        | 1   |
| dust         | 1   |
| eagle        | 1   |
| ease         | 1   |
| ephemeral    | 1   |
| fairy        | 1   |
| field        | 2   |
| fields       | 1   |
| firefly      | 1   |
| flies        | 6   |
| flight       | 2   |
| flippant     | 1   |
| flittering   | 1   |
| flitting     | 1   |
| flits        | 1   |
| flower       | 13  |
| flowers      | 12  |
| flutter      | 2   |
| fluttering   | 1   |
| fly          | 44  |
| flying       | 20  |
| gaudy        | 1   |
| gauze        | 1   |
| gay          | 2   |
| girl         | 2   |
| gnat         | 2   |
| golden       | 3   |
| good         | 1   |
| grace        | 2   |
| graceful     | 1   |
| grass        | 1   |
| grasshopper  | 5   |
| grasshoppers | 2   |
| grub         | 5   |
| handsome     | 1   |
| happy        | 1   |
| high         | 1   |
| horse        | 1   |
| human        | 1   |
| idler        | 1   |
| insect       | 261 |
| insects      | 2   |

|                |    |
|----------------|----|
| Japanese       | 1  |
| kite           | 1  |
| lady           | 1  |
| lepidoptera    | 8  |
| light          | 5  |
| lightness      | 2  |
| lilies         | 1  |
| little         | 1  |
| meadows        | 1  |
| metamorphosis  | 1  |
| miller         | 4  |
| monarch        | 1  |
| mosquito       | 8  |
| motion         | 1  |
| moth           | 30 |
| moths          | 1  |
| mountains      | 1  |
| mourning cloak | 1  |
| nature         | 2  |
| net            | 6  |
| nets           | 1  |
| nice           | 2  |
| orange         | 1  |
| outdoors       | 1  |
| pancake        | 1  |
| pig            | 1  |
| pigeon         | 2  |
| plumage        | 1  |
| powder         | 1  |
| pretty         | 30 |
| red            | 1  |
| small          | 2  |
| snakes         | 1  |
| snare          | 1  |
| soul           | 1  |
| sparrow        | 1  |
| speckled       | 1  |
| spider         | 9  |
| spotted        | 2  |
| spring         | 5  |
| summer         | 17 |
| sun            | 1  |
| sunshine       | 6  |
| swallow        | 1  |

|            |    |
|------------|----|
| sweet      | 1  |
| swift      | 1  |
| temporary  | 1  |
| tree       | 1  |
| two        | 1  |
| useless    | 1  |
| vanity     | 2  |
| variegated | 1  |
| wasp       | 11 |
| white      | 2  |
| wind       | 1  |
| wing       | 11 |
| wings      | 81 |
| word       | 1  |
| worm       | 12 |
| worms      | 2  |
| yellow     | 37 |

#### 18. SMOOTH

|           |   |
|-----------|---|
| apple     | 2 |
| ball      | 1 |
| basin     | 1 |
| bed       | 2 |
| board     | 9 |
| butter    | 1 |
| calm      | 4 |
| carpet    | 1 |
| character | 1 |
| cheek     | 1 |
| chip      | 1 |
| circus    | 1 |
| clean     | 2 |
| clear     | 8 |
| cloth     | 3 |
| clothes   | 1 |
| coarse    | 2 |
| coat      | 1 |
| country   | 1 |
| course    | 1 |
| cream     | 2 |
| cube      | 1 |
| deceitful | 1 |
| deep      | 1 |

|            |    |
|------------|----|
| desk       | 1  |
| done       | 1  |
| dry        | 1  |
| ease       | 2  |
| easy       | 12 |
| even       | 30 |
| evenness   | 1  |
| face       | 8  |
| fair       | 1  |
| feeling    | 1  |
| fine       | 8  |
| finished   | 2  |
| flat       | 14 |
| flexible   | 2  |
| floor      | 15 |
| folded     | 1  |
| fur        | 2  |
| glass      | 56 |
| glassy     | 4  |
| glazed     | 1  |
| glide      | 3  |
| gliding    | 1  |
| glossy     | 11 |
| good       | 2  |
| goods      | 1  |
| grand      | 1  |
| grass      | 8  |
| grease     | 1  |
| ground     | 4  |
| hair       | 3  |
| hand       | 2  |
| hard       | 41 |
| harmonious | 1  |
| harsh      | 4  |
| ice        | 14 |
| iron       | 13 |
| ironing    | 1  |
| ivory      | 1  |
| kind       | 1  |
| lake       | 1  |
| lawn       | 2  |
| lens       | 1  |
| level      | 52 |
| lightly    | 1  |
| lovely     | 1  |

|           |     |
|-----------|-----|
| machinery | 1   |
| mahogany  | 1   |
| marble    | 10  |
| mercury   | 1   |
| mild      | 1   |
| mirror    | 1   |
| molasses  | 1   |
| <br>      |     |
| narrow    | 1   |
| nice      | 4   |
| nicely    | 1   |
| <br>      |     |
| oyster    | 1   |
| <br>      |     |
| paint     | 1   |
| paper     | 9   |
| paste     | 2   |
| pat       | 1   |
| path      | 1   |
| pebble    | 1   |
| person    | 1   |
| piano     | 1   |
| placid    | 1   |
| plain     | 17  |
| plane     | 23  |
| planed    | 1   |
| pleasant  | 5   |
| pleasing  | 1   |
| plum      | 1   |
| polished  | 5   |
| pressed   | 1   |
| <br>      |     |
| quality   | 1   |
| queer     | 1   |
| <br>      |     |
| river     | 1   |
| river     | 2   |
| road      | 4   |
| roads     | 1   |
| roof      | 2   |
| rough     | 277 |
| round     | 2   |
| rubber    | 1   |
| rugged    | 1   |
| rule      | 1   |
| running   | 1   |
| <br>      |     |
| sailing   | 1   |
| sandpaper | 1   |
| satin     | 2   |
| sea       | 1   |
| shape     | 1   |
| sharp     | 1   |

|          |    |
|----------|----|
| shave    | 1  |
| shiny    | 4  |
| silk     | 4  |
| silken   | 1  |
| skin     | 5  |
| sleek    | 2  |
| slick    | 3  |
| slippery | 4  |
| snail    | 2  |
| snake    | 1  |
| soft     | 70 |
| softness | 1  |
| sphere   | 1  |
| stone    | 1  |
| straight | 2  |
| street   | 1  |
| stroke   | 1  |
| surface  | 25 |

|          |    |
|----------|----|
| table    | 29 |
| thin     | 1  |
| thought  | 1  |
| tidy     | 1  |
| tomato   | 1  |
| tongue   | 1  |
| touch    | 4  |
| tranquil | 1  |

|        |   |
|--------|---|
| uneven | 2 |
|--------|---|

|         |    |
|---------|----|
| velvet  | 20 |
| velvety | 1  |
| very    | 1  |

|        |    |
|--------|----|
| wall   | 5  |
| walls  | 1  |
| water  | 10 |
| wave   | 1  |
| window | 1  |

|          |   |
|----------|---|
| wood     | 8 |
| work     | 1 |
| worm     | 1 |
| wrinkled | 1 |
| wrinkles | 1 |

## 19. COMMAND

|         |   |
|---------|---|
| ability | 1 |
| act     | 1 |
| acting  | 1 |
| anger   | 1 |

|             |    |
|-------------|----|
| answer      | 1  |
| anything    | 1  |
| appeal      | 1  |
| appearance  | 1  |
| army        | 16 |
| arrogance   | 1  |
| ask         | 2  |
| asking      | 2  |
| athletics   | 1  |
| attention   | 3  |
| authority   | 14 |
| baseball    | 1  |
| Bible       | 1  |
| bid         | 1  |
| boss        | 6  |
| boy         | 1  |
| captain     | 7  |
| charge      | 2  |
| chief       | 2  |
| church      | 1  |
| combine     | 1  |
| combined    | 1  |
| come        | 5  |
| commander   | 5  |
| commandment | 2  |
| company     | 2  |
| compel      | 1  |
| control     | 8  |
| cross       | 1  |
| dare        | 1  |
| demand      | 18 |
| demanding   | 1  |
| desire      | 2  |
| determined  | 2  |
| dictate     | 3  |
| dictatorial | 1  |
| dignity     | 2  |
| direct      | 2  |
| disability  | 1  |
| discipline  | 2  |
| dislike     | 1  |
| do          | 27 |
| doing       | 3  |
| domineer    | 2  |
| domineering | 2  |
| done        | 2  |
| don't       | 2  |
| door        | 1  |
| drill       | 2  |
| driver      | 1  |

|             |    |
|-------------|----|
| duty        | 5  |
| earnestness | 1  |
| easy        | 1  |
| eat         | 1  |
| effort      | 1  |
| employ      | 1  |
| employees   | 1  |
| enforce     | 1  |
| entreat     | 1  |
| entreaty    | 7  |
| exclamation | 1  |
| exertion    | 1  |
| experience  | 1  |
| father      | 1  |
| firm        | 1  |
| forbid      | 1  |
| force       | 7  |
| forced      | 1  |
| foreman     | 1  |
| gain        | 1  |
| general     | 43 |
| gentleness  | 1  |
| gently      | 1  |
| Germany     | 1  |
| give        | 1  |
| go          | 25 |
| God         | 1  |
| God's       | 1  |
| good        | 2  |
| govern      | 1  |
| grand       | 1  |
| halt        | 4  |
| harsh       | 4  |
| harshly     | 1  |
| haughty     | 1  |
| head        | 1  |
| him         | 1  |
| holy        | 1  |
| honorable   | 1  |
| horse       | 1  |
| I           | 1  |
| immediately | 1  |
| imperative  | 3  |
| imperious   | 4  |
| independent | 1  |
| insist      | 1  |
| instant     | 1  |
| institution | 1  |

|              |     |
|--------------|-----|
| instruct     | 2   |
| instruction  | 1   |
| intelligence | 1   |
| judge        | 1   |
| knowing      | 1   |
| labor        | 1   |
| language     | 1   |
| law          | 2   |
| laziness     | 1   |
| lead         | 2   |
| leader       | 1   |
| lieutenant   | 1   |
| listen       | 2   |
| loud         | 2   |
| love         | 1   |
| madam        | 1   |
| man          | 9   |
| master       | 2   |
| masterful    | 1   |
| military     | 3   |
| mind         | 2   |
| mother       | 1   |
| move         | 1   |
| must         | 1   |
| noble        | 1   |
| nuisance     | 1   |
| obedience    | 12  |
| obedient     | 2   |
| obey         | 230 |
| obeyed       | 1   |
| officer      | 30  |
| only         | 1   |
| order        | 171 |
| ordering     | 2   |
| orders       | 9   |
| parents      | 1   |
| peace        | 1   |
| people       | 2   |
| peremptory   | 2   |
| perfect      | 1   |
| person       | 1   |
| plead        | 1   |
| policeman    | 1   |
| power        | 10  |
| powerful     | 2   |
| praise       | 1   |

|             |    |
|-------------|----|
| proper      | 1  |
| question    | 1  |
| quick       | 1  |
| refuse      | 2  |
| regiment    | 1  |
| reply       | 1  |
| reprimand   | 2  |
| request     | 11 |
| respect     | 5  |
| respond     | 1  |
| retreat     | 1  |
| right       | 3  |
| rule        | 2  |
| ruling      | 1  |
| running     | 1  |
| say         | 1  |
| saying      | 1  |
| school      | 2  |
| severe      | 1  |
| shalt       | 1  |
| ship        | 1  |
| soldier     | 16 |
| soldiers    | 6  |
| something   | 1  |
| speak       | 3  |
| spoken      | 1  |
| stamina     | 1  |
| statement   | 1  |
| stern       | 7  |
| strength    | 3  |
| strict      | 1  |
| strong      | 3  |
| stubborn    | 1  |
| superintend | 1  |
| superior    | 1  |
| supervisor  | 1  |
| surly       | 1  |
| surrender   | 1  |
| talk        | 2  |
| teach       | 1  |
| teacher     | 14 |
| teachers    | 1  |
| teaching    | 1  |
| tell        | 15 |
| telling     | 1  |
| temper      | 3  |
| temperament | 1  |
| thee        | 1  |
| them        | 1  |

think 2  
thinking 1  
thoughtfulness 1  
threat 1  
told 2

uncomfortable 1  
upright 1

voice 6  
vow 1

wagon 1  
wife 1  
will 3  
willing 1  
words 2  
work 2  
wrong 1

you 3

## 20. CHAIR

arm 4  
article 4

back 1  
beauty 1  
bed 1  
bench 13  
book 1  
boy 1  
broken 2  
brown 4  
bureau 1

cane 3  
caning 1  
careful 1  
carpet 1  
cart 1  
color 1  
comfort 21  
comfortable 8  
convenience 3  
couch 5  
crooked 1  
cushion 12  
cushions 1

desk 9

ease 7  
easy 6

fatigue 1  
floor 10  
feet 1  
foot 1  
footstool 1  
form 1  
furniture 83

#### Governor Winthrop 1

hair 1  
hard 5  
hickory 2  
high 4  
home 2  
house 3

idleness 1  
implement 1

joiner 1

large 3  
leg 7  
legs 11  
lounge 3  
low 3  
lunch 1

mahogany 3  
massive 1  
mission 1  
Morris 5  
myself 1

necessity 2

oak 2  
object 1  
occupy 1  
office 1

people 1  
person 3  
place 1  
placed 1  
plant 1  
platform 1  
pleasant 1

|             |     |
|-------------|-----|
| pleasure    | 1   |
| posture     | 1   |
| reading     | 1   |
| rest        | 45  |
| resting     | 3   |
| rocker      | 17  |
| rocking     | 15  |
| room        | 9   |
| rounds      | 2   |
| rubber      | 1   |
| rung        | 3   |
| seat        | 127 |
| seated      | 5   |
| seating     | 2   |
| settee      | 3   |
| sit         | 107 |
| sitting     | 56  |
| size        | 1   |
| sofa        | 6   |
| soft        | 5   |
| spooning    | 1   |
| stand       | 1   |
| stool       | 38  |
| stoop       | 1   |
| study       | 1   |
| support     | 1   |
| table       | 191 |
| tables      | 1   |
| talk        | 1   |
| teacher     | 1   |
| timber      | 1   |
| tool        | 1   |
| upholstered | 1   |
| upholstery  | 1   |
| use         | 2   |
| useful      | 3   |
| white       | 1   |
| wood        | 49  |
| wooden      | 6   |

## 21. SWEET

|            |    |
|------------|----|
| agreeable  | 5  |
| appetizing | 1  |
| apple      | 11 |
| apples     | 3  |

|               |    |
|---------------|----|
| beautiful     | 3  |
| bitter        | 50 |
| black         | 1  |
| breath        | 1  |
|               |    |
| candies       | 1  |
| candy         | 82 |
| cherries      | 1  |
| child         | 1  |
| chocolate     | 3  |
| chocolates    | 1  |
| clean         | 2  |
| confectionery | 1  |
| cream         | 1  |
| cunning       | 1  |
|               |    |
| delicious     | 7  |
| dessert       | 1  |
| dinner        | 1  |
| dog           | 1  |
| dreams        | 1  |
|               |    |
| E.            | 1  |
| eat           | 2  |
| elegant       | 1  |
| eyes          | 1  |
|               |    |
| face          | 1  |
| flavor        | 2  |
| flower        | 2  |
| flowers       | 3  |
| food          | 1  |
| fresh         | 1  |
| fruit         | 9  |
|               |    |
| gentle        | 1  |
| girl          | 6  |
| good          | 26 |
|               |    |
| harsh         | 2  |
| honey         | 12 |
| hunger        | 1  |
| Huyler's      | 1  |
|               |    |
| insipidity    | 1  |
|               |    |
| kiss          | 2  |
|               |    |
| limited       | 1  |
| lovely        | 1  |
| loving        | 1  |
| low           | 2  |

|             |     |
|-------------|-----|
| Mary        | 1   |
| mellow      | 1   |
| melody      | 1   |
| milk        | 2   |
| molasses    | 1   |
| mouth       | 1   |
| music       | 8   |
| musty       | 1   |
| <br>        |     |
| name        | 1   |
| nausea      | 1   |
| nice        | 33  |
| <br>        |     |
| orange      | 1   |
| oranges     | 2   |
| <br>        |     |
| palatable   | 9   |
| peach       | 3   |
| peaches     | 1   |
| perfume     | 3   |
| pie         | 2   |
| plausible   | 1   |
| pleasant    | 31  |
| pleasing    | 4   |
| pleasurable | 1   |
| pleasure    | 1   |
| plum        | 1   |
| preserves   | 1   |
| <br>        |     |
| quality     | 1   |
| <br>        |     |
| saccharine  | 1   |
| salt        | 3   |
| salty       | 1   |
| sharp       | 1   |
| sickish     | 1   |
| sixteen     | 2   |
| soft        | 6   |
| soothing    | 1   |
| sour        | 301 |
| stuff       | 1   |
| sugar       | 224 |
| syrup       | 2   |
| <br>        |     |
| taste       | 57  |
| tasteful    | 4   |
| tasting     | 2   |
| tasty       | 11  |
| tea         | 1   |
| toothsome   | 2   |
| <br>        |     |
| ugly        | 1   |
| unpleasant  | 1   |

very 1  
voice 1  
  
wholesome 1

## 22. WHISTLE

act 1  
action 1  
air 7  
alarm 3  
annoyance 3  
attention 2  
automobile 1

bad 1  
bell 2  
bird 15  
birds 3  
blast 1  
blew 5  
blow 95  
blowing 6  
blows 2  
boat 2  
boy 56  
boys 5  
breath 1  
bright 1  
brother 1  
buzzing 1

call 26  
calling 2  
cars 2  
cent 1  
chain 8  
children 1  
clean 1  
clear 1  
come 1  
conductor 1  
crow 1  
cry 2  
cuckoo 1

dance 3  
dear 1  
disagreeable 1  
distant 1  
dog 7

|                |    |
|----------------|----|
| drink          | 1  |
| dumb           | 1  |
| ear            | 1  |
| echo           | 3  |
| effort         | 1  |
| engine         | 15 |
| factory        | 2  |
| fife           | 3  |
| fingers        | 1  |
| fire           | 3  |
| flute          | 5  |
| fly            | 1  |
| Franklin       | 2  |
| fun            | 2  |
| funny          | 1  |
| Galton         | 1  |
| girl           | 1  |
| habit          | 1  |
| happiness      | 3  |
| harmony        | 1  |
| harsh          | 1  |
| holler         | 5  |
| hollow         | 1  |
| horn           | 4  |
| humming        | 1  |
| instrument     | 6  |
| joy            | 2  |
| lad            | 1  |
| laugh          | 3  |
| letter-carrier | 1  |
| lips           | 5  |
| locomotive     | 5  |
| long           | 3  |
| loud           | 27 |
| low            | 1  |
| man            | 1  |
| mash           | 1  |
| melodious      | 1  |
| metal          | 1  |
| mill           | 2  |
| mine           | 1  |
| mocking        | 1  |
| mouth          | 27 |
| music          | 44 |

|             |     |
|-------------|-----|
| nice        | 3   |
| nightingale | 1   |
| noise       | 173 |
| noisy       | 3   |
| note        | 1   |
| notes       | 1   |
| person      | 1   |
| piercing    | 1   |
| pipe        | 7   |
| pleasure    | 2   |
| police      | 1   |
| policeman   | 6   |
| postman     | 1   |
| postman's   | 1   |
| pretty      | 1   |
| pucker      | 4   |
| quiet       | 1   |
| racket      | 2   |
| report      | 1   |
| running     | 1   |
| scream      | 1   |
| screech     | 1   |
| sharp       | 5   |
| shout       | 4   |
| shrieking   | 1   |
| shrill      | 26  |
| shrillness  | 1   |
| signal      | 3   |
| sang        | 1   |
| sing        | 75  |
| singing     | 4   |
| soft        | 1   |
| softly      | 1   |
| song        | 12  |
| songs       | 1   |
| sorority    | 1   |
| sound       | 108 |
| sounds      | 1   |
| steam       | 3   |
| steamboat   | 1   |
| stick       | 1   |
| talk        | 4   |
| telephone   | 1   |
| throat      | 1   |
| tin         | 7   |
| tool        | 1   |
| top         | 1   |

|            |    |
|------------|----|
| toy        | 4  |
| train      | 6  |
| tree       | 1  |
| trumpet    | 2  |
| tune       | 18 |
| umpire     | 1  |
| unpleasant | 1  |
| vibration  | 1  |
| voice      | 3  |
| warble     | 1  |
| warning    | 1  |
| whisper    | 1  |
| whispering | 1  |
| willow     | 8  |
| wind       | 10 |
| wood       | 1  |
| wooden     | 1  |
| work       | 1  |
| yell       | 1  |

### 23. WOMAN

|              |    |
|--------------|----|
| adult        | 2  |
| affinity     | 1  |
| aged         | 1  |
| angel        | 2  |
| appearance   | 1  |
| appreciating | 1  |
| artificial   | 1  |
| baby         | 1  |
| Barnard      | 1  |
| beautiful    | 17 |
| beauty       | 7  |
| being        | 9  |
| Bible        | 1  |
| biped        | 1  |
| body         | 3  |
| bonnet       | 1  |
| boy          | 3  |
| bright       | 1  |
| capability   | 1  |
| cat          | 1  |
| character    | 1  |
| child        | 45 |
| children     | 2  |
| clean        | 2  |

|             |     |
|-------------|-----|
| clever      | 1   |
| clothes     | 6   |
| clothing    | 1   |
| comfort     | 2   |
| companion   | 1   |
| creature    | 4   |
| cross       | 1   |
|             |     |
| dear        | 1   |
| deceit      | 1   |
| delicate    | 1   |
| delightful  | 1   |
| develop     | 1   |
| dignity     | 1   |
| dinner      | 1   |
| domestic    | 1   |
| dress       | 28  |
| dresses     | 4   |
| dressmaker  | 1   |
|             |     |
| dust        | 1   |
|             |     |
| Edna        | 1   |
| endurance   | 1   |
| Eve         | 2   |
| eyes        | 1   |
|             |     |
| fair        | 9   |
| fashion     | 3   |
| female      | 134 |
| feminine    | 10  |
| flesh       | 2   |
| figure      | 1   |
| fine        | 2   |
| freedom     | 1   |
| friend      | 3   |
|             |     |
| genteel     | 1   |
| gentle      | 5   |
| gentleness  | 1   |
| girl        | 59  |
| girls       | 3   |
| goddess     | 1   |
| good        | 4   |
| goodness    | 1   |
| gown        | 1   |
| grace       | 3   |
| graceful    | 2   |
| grand       | 2   |
| grandmother | 1   |
| great       | 2   |
|             |     |
| hair        | 9   |

|              |     |
|--------------|-----|
| handsome     | 4   |
| hat          | 5   |
| hats         | 1   |
| helper       | 1   |
| helpmate     | 3   |
| her          | 1   |
| home         | 3   |
| honor        | 1   |
| house        | 2   |
| housekeeper  | 1   |
| housewife    | 1   |
| human        | 11  |
| humanity     | 2   |
| <br>         |     |
| inexplicable | 1   |
| individual   | 1   |
| intellect    | 1   |
| interesting  | 1   |
| <br>         |     |
| kind         | 5   |
| kindness     | 1   |
| <br>         |     |
| labor        | 2   |
| lady         | 41  |
| <br>         |     |
| large        | 4   |
| leader       | 1   |
| liar         | 1   |
| living       | 1   |
| lovable      | 1   |
| love         | 5   |
| loveliness   | 1   |
| lovely       | 3   |
| loving       | 1   |
| <br>         |     |
| Mabel        | 1   |
| maid         | 1   |
| majesty      | 1   |
| man          | 292 |
| mankind      | 2   |
| marriage     | 2   |
| married      | 2   |
| mate         | 2   |
| modesty      | 1   |
| mother       | 30  |
| Mrs. S.      | 1   |
| myself       | 1   |
| <br>         |     |
| nature       | 1   |
| necessity    | 1   |
| nice         | 3   |
| noble        | 1   |
| nurse        | 1   |

|            |    |
|------------|----|
| old        | 1  |
| palmist    | 1  |
| parasol    | 1  |
| people     | 1  |
| perfection | 1  |
| person     | 17 |
| petticoats | 1  |
| pleasure   | 3  |
| pretty     | 10 |
| purity     | 1  |
| rib        | 1  |
| sex        | 5  |
| short      | 5  |
| sister     | 4  |
| skirt      | 3  |
| skirts     | 3  |
| slender    | 2  |
| small      | 1  |
| softness   | 1  |
| spiritual  | 1  |
| stout      | 2  |
| style      | 2  |
| suffrage   | 1  |
| sweet      | 2  |
| sweetness  | 2  |
| sweetheart | 1  |
| talk       | 1  |
| tall       | 7  |
| teacher    | 1  |
| temporary  | 1  |
| truth      | 1  |
| uneasy     | 1  |
| use        | 1  |
| virtue     | 2  |
| waist      | 1  |
| walks      | 1  |
| weak       | 1  |
| weakness   | 2  |
| wife       | 15 |
| will       | 1  |
| womanhood  | 1  |
| work       | 2  |

you 5  
young 4

## 24. COLD

activity 1  
agreeable 2  
air 4  
arctic 1  
atmosphere 4  
autumn 1

bad 2  
bitter 4  
bracing 1  
breezy 1  
brisk 1  
bum 1

chill 9  
chilly 30

clothes 2  
clothing 1  
coal 1  
coat 5  
comfort 2  
comfortable 1  
comfortless 1  
cool 5  
cough 5  
cure 2

damp 2  
dark 4  
darkness 1  
day 5  
death 1  
degree 1  
disagreeable 6  
discomfort 8  
dreary 3

feel 1  
feeling 10  
feet 1  
Finland 1  
fire 6  
fold 1  
freeze 7  
freezing 23  
frigid 2

|              |     |
|--------------|-----|
| frost        | 9   |
| frozen       | 4   |
| fuel         | 1   |
| furs         | 2   |
|              |     |
| grippe       | 1   |
| gloomy       | 1   |
|              |     |
| ham          | 1   |
| hands        | 1   |
| hard         | 2   |
| head         | 2   |
| hearted      | 1   |
| heat         | 37  |
| hot          | 151 |
|              |     |
| ice          | 114 |
| ice-cream    | 1   |
| irritating   | 1   |
|              |     |
| January      | 1   |
|              |     |
| latitude     | 1   |
| lemonade     | 1   |
| light        | 2   |
|              |     |
| man          | 2   |
| medicine     | 1   |
| misery       | 1   |
| mushroom     | 1   |
|              |     |
| nature       | 1   |
| naughty      | 1   |
| near         | 1   |
| never        | 1   |
| night        | 1   |
| numb         | 1   |
| numbness     | 1   |
|              |     |
| overcoat     | 1   |
|              |     |
| pain         | 1   |
| Peary        | 1   |
| penetrating  | 2   |
| pleasant     | 1   |
| pressure     | 1   |
|              |     |
| quiet        | 1   |
|              |     |
| raw          | 1   |
| refrigerator | 1   |
| rhinitis     | 1   |

room 1  
running 1  
rough 1  
  
sensation 1  
severe 5  
sharp 3  
shiver 6  
shivering 2  
shivers 1  
shivery 1  
shrivel 1  
shudder 1  
sick 4  
sickness 6  
skating 1  
sleighing 1  
slow 1  
sneezing 1  
snow 45  
snuffles 1  
stone 1  
storm 1  
stove 3

temperate 1  
temperature 8  
thermometer 1  
touch 1

uncomfortable 10  
unpleasant 4

warm 166  
warmth 6  
water 7  
weather 49  
well 1  
white 1  
wind 5  
windy 1  
winter 120  
wraps 1

zero 2

## 25. SLOW

action 1  
age 1  
anger 1  
animal 2

|              |   |
|--------------|---|
| ant          | 1 |
| anxiety      | 1 |
| association  | 1 |
| automobile   | 1 |
| awful        | 1 |
|              |   |
| baby         | 2 |
| backward     | 3 |
| backwards    | 1 |
| bad          | 1 |
| bear         | 1 |
| beggar       | 1 |
| behind       | 1 |
| better       | 1 |
| Bill         | 1 |
| boat         | 3 |
| boring       | 1 |
| boy          | 2 |
| breakdown    | 1 |
|              |   |
| camel        | 1 |
| canal boat   | 1 |
| car          | 6 |
|              |   |
| cars         | 2 |
| careful      | 1 |
| carpenter    | 1 |
| cart         | 1 |
| catch        | 1 |
| caterpillar  | 2 |
| caution      | 1 |
| child        | 1 |
| climb        | 1 |
| clock        | 5 |
| coach        | 3 |
| conversation | 1 |
| cow          | 1 |
| crawl        | 1 |
| creep        | 1 |
| creeping     | 2 |
|              |   |
| dead         | 1 |
| decrease     | 1 |
| delay        | 2 |
| deliberate   | 1 |
| dilatory     | 2 |
| distance     | 1 |
| dizzy        | 1 |
| donkey       | 1 |
| drag         | 1 |
| dragging     | 1 |
| dreary       | 2 |
| dressing     | 1 |

|            |     |
|------------|-----|
| drive      | 1   |
| driver     | 1   |
| drone      | 1   |
| Dr. R.     | 1   |
| dull       | 7   |
| ease       | 2   |
| easy       | 63  |
| Erie       | 1   |
| fast       | 316 |
| feeble     | 1   |
| fine       | 1   |
| fire       | 1   |
| fly        | 1   |
| foot       | 1   |
| funeral    | 1   |
| gait       | 3   |
| gin        | 1   |
| going      | 1   |
| hard       | 2   |
| haste      | 3   |
| hasty      | 2   |
| heavy      | 1   |
| horse      | 14  |
| hot        | 1   |
| hurry      | 3   |
| impatience | 1   |
| inactive   | 1   |
| inaction   | 1   |
| incessant  | 1   |
| indecision | 1   |
| insect     | 1   |
| invalid    | 2   |
| irritating | 1   |
| laggard    | 1   |
| lagging    | 1   |
| lassitude  | 1   |
| late       | 2   |
| laziness   | 2   |
| lazy       | 28  |
| lecture    | 1   |
| leisure    | 1   |
| lingering  | 1   |
| long       | 6   |
| man        | 3   |
| march      | 1   |
| market     | 1   |

|              |    |
|--------------|----|
| me           | 3  |
| medium       | 1  |
| mice         | 1  |
| mind         | 1  |
| mode         | 1  |
| moderate     | 1  |
| molasses     | 20 |
| monotonous   | 1  |
| moon         | 1  |
| motion       | 7  |
| motionless   | 1  |
| move         | 1  |
| movement     | 8  |
| moving       | 5  |
| Mr. T.       | 1  |
| mule         | 3  |
| music        | 3  |
| myself       | 3  |
| <br>         |    |
| nasty        | 1  |
| nature       | 1  |
| <br>         |    |
| obstacle     | 1  |
| old          | 2  |
| ox           | 2  |
| oxen         | 1  |
| <br>         |    |
| pace         | 1  |
| papa         | 1  |
| person       | 8  |
| Philadelphia | 2  |
| poke         | 1  |
| poky         | 2  |
| Poughkeepsie | 1  |
| pupil        | 1  |
| <br>         |    |
| quality      | 1  |
| quick        | 55 |
| quickly      | 2  |
| quickness    | 1  |
| quiet        | 12 |
| <br>         |    |
| rain         | 1  |
| rapid        | 9  |
| rhythmic     | 1  |
| river        | 1  |
| Rose         | 1  |
| run          | 2  |
| <br>         |    |
| sharp        | 1  |
| short        | 1  |
| sick         | 1  |

|                |    |
|----------------|----|
| sickness       | 1  |
| slack          | 1  |
| sloth          | 2  |
| slowly         | 1  |
| sluggish       | 7  |
| smart          | 10 |
| smooth         | 1  |
| snail          | 62 |
| snails         | 1  |
| snake          | 1  |
| softly         | 1  |
| speech         | 2  |
| speed          | 7  |
| speedless      | 1  |
| starting       | 1  |
| step           | 2  |
| still          | 3  |
| stop           | 3  |
| stubborn       | 1  |
| stupid         | 7  |
| subway         | 1  |
| sure           | 27 |
| swift          | 8  |
| swing          | 1  |
| talk           | 1  |
| tardy          | 3  |
| team           | 1  |
| tedious        | 1  |
| terrapiin      | 1  |
| thought        | 1  |
| thoughtful     | 1  |
| tide           | 1  |
| time           | 14 |
| tired          | 5  |
| tiresome       | 2  |
| tortoise       | 4  |
| train          | 18 |
| trains         | 1  |
| trolley        | 1  |
| turtle         | 9  |
| unpleasant     | 2  |
| unsatisfactory | 1  |
| vehicle        | 1  |
| wagon          | 7  |
| walk           | 8  |
| walking        | 7  |
| walks          | 1  |

|         |   |
|---------|---|
| water   | 1 |
| waves   | 1 |
| weak    | 2 |
| weather | 1 |
| wheel   | 1 |
| white   | 1 |
| work    | 1 |
| working | 1 |
| world   | 1 |
| worm    | 3 |
| writing | 1 |
| you     | 1 |

## 26. WISH

|                |    |
|----------------|----|
| accomplish     | 1  |
| accomplishment | 1  |
| achieve        | 1  |
| Aladdin        | 1  |
| ambition       | 2  |
| angel          | 1  |
| answer         | 1  |
| anxiety        | 1  |
| anxious        | 1  |
| any            | 1  |
| anything       | 7  |
| apology        | 1  |
| ardent         | 1  |
| ask            | 8  |
| asking         | 1  |
| attain         | 1  |
| baby           | 1  |
| beg            | 2  |
| benefit        | 1  |
| best           | 1  |
| better         | 1  |
| bone           | 19 |
| books          | 1  |
| boy            | 1  |
| boys           | 1  |
| breakfast      | 1  |
| brightness     | 1  |
| candy          | 1  |
| cannot         | 1  |
| check          | 1  |
| chicken        | 2  |
| child          | 2  |
| Christmas      | 3  |

|                |     |
|----------------|-----|
| clover         | 1   |
| clovers        | 1   |
| cold           | 1   |
| come           | 2   |
| comfort        | 4   |
| command        | 9   |
| conditions     | 1   |
| cool           | 2   |
| craving        | 1   |
| <br>           |     |
| demand         | 2   |
| desirable      | 1   |
| desire         | 197 |
| desires        | 1   |
| diamond        | 1   |
| disappoint     | 1   |
| disappointed   | 1   |
| disappointment | 3   |
| dish           | 1   |
| dislike        | 1   |
| did            | 1   |
| do             | 5   |
| dog            | 1   |
| doll           | 1   |
| dollars        | 1   |
| dream          | 2   |
| dress          | 1   |
| driving        | 1   |
| <br>           |     |
| eat            | 1   |
| entreaty       | 1   |
| enjoyment      | 1   |
| examination    | 1   |
| expectation    | 1   |
| express        | 5   |
| expression     | 1   |
| <br>           |     |
| fairy          | 11  |
| fancy          | 2   |
| farm           | 1   |
| favor          | 5   |
| feeling        | 1   |
| finish         | 1   |
| fish           | 1   |
| fond           | 1   |
| foolishness    | 1   |
| for            | 5   |
| fortune        | 2   |
| fulfil         | 1   |
| fulfilled      | 2   |
| fulfilment     | 6   |
| fun            | 1   |

|               |    |
|---------------|----|
| gain          | 2  |
| get           | 14 |
| gift          | 4  |
| girl          | 1  |
| give          | 3  |
| glad          | 1  |
| go            | 4  |
| gold          | 1  |
| good          | 19 |
| grant         | 7  |
| granted       | 15 |
| gratification | 4  |
| gratified     | 6  |
| gratify       | 11 |
| greetings     | 1  |
| guess         | 2  |
|               |    |
| happiness     | 18 |
| happy         | 3  |
| hard          | 1  |
| hat           | 2  |
| hate          | 1  |
| have          | 18 |
| health        | 6  |
| hearty        | 1  |
| heaven        | 3  |
| heavens       | 1  |
| help          | 1  |
| home          | 12 |
| hope          | 51 |
| hoping        | 1  |
| hopeful       | 2  |
| house         | 1  |
|               |    |
| idea          | 2  |
| imagination   | 1  |
| impossible    | 1  |
| inclination   | 1  |
|               |    |
| journey       | 2  |
| joy           | 1  |
|               |    |
| know          | 1  |
|               |    |
| letter        | 2  |
| like          | 8  |
| liked         | 1  |
| lonesome      | 1  |
| long          | 10 |
| longing       | 18 |
| love          | 2  |
| luck          | 9  |

|             |    |
|-------------|----|
| make        | 1  |
| marry       | 1  |
| million     | 2  |
| mind        | 4  |
| money       | 32 |
| moon        | 1  |
| morning     | 1  |
| music       | 1  |
| myself      | 1  |
| news        | 1  |
| nice        | 1  |
| no          | 1  |
| obey        | 3  |
| object      | 1  |
| obtain      | 1  |
| offer       | 1  |
| one         | 1  |
| opportunity | 1  |
| opposition  | 1  |
| orange      | 1  |
| order       | 1  |
| perhaps     | 1  |
| person      | 1  |
| pick        | 1  |
| picture     | 1  |
| pie         | 1  |
| plan        | 1  |
| play        | 1  |
| pleasant    | 1  |
| pleasure    | 5  |
| plenty      | 2  |
| position    | 3  |
| possess     | 1  |
| possession  | 1  |
| present     | 2  |
| promise     | 2  |
| quiet       | 1  |
| reality     | 1  |
| receive     | 1  |
| remembrance | 1  |
| renown      | 1  |
| repeat      | 1  |
| request     | 8  |
| rest        | 1  |
| rich        | 1  |
| riches      | 3  |
| ring        | 1  |

|              |    |
|--------------|----|
| sail         | 1  |
| satisfactory | 1  |
| satisfied    | 2  |
| satisfy      | 1  |
| satisfying   | 1  |
| say          | 2  |
| secret       | 1  |
| sincere      | 1  |
| sleep        | 1  |
| some         | 1  |
| something    | 15 |
| sorrow       | 1  |
| sorry        | 1  |
| speak        | 1  |
| special      | 1  |
| star         | 9  |
| stars        | 2  |
| strong       | 1  |
| success      | 4  |
| suggest      | 1  |
| summer       | 2  |
| sweetheart   | 1  |
| swim         | 1  |
|              |    |
| think        | 18 |
| thinking     | 6  |
| thought      | 47 |
| toy          | 1  |
| trip         | 1  |
| trouble      | 1  |
| true         | 6  |
| try          | 1  |
|              |    |
| unattainable | 1  |
| uncertain    | 1  |
| unfulfilled  | 1  |
| unlawful     | 1  |
| unsatisfied  | 1  |
|              |    |
| vacation     | 2  |
|              |    |
| want         | 66 |
| wants        | 1  |
| wanted       | 1  |
| wanting      | 9  |
| waste        | 1  |
| watch        | 1  |
| water        | 1  |
| wealth       | 2  |
| well         | 6  |
| will         | 3  |
| wisdom       | 2  |
| wise         | 1  |

wishbone 14  
wonder 2  
would 2  
wouldn't 1

yes 1  
you 1

## 27. RIVER

Amazon 1  
Androscoggin 1

bank 1  
banks 2  
barrow 1  
bathing 3  
bay 1  
beautiful 1  
beauty 1  
bend 1  
blue 6  
boat 20  
boats 3  
boating 1  
body 1  
bridge 2  
broad 5  
brook 20  
bubbling 1

Calumet 1  
camping 1  
canal 1  
canoe 3  
canoeing 1  
Chignagnette 1  
cliffs 1  
commerce 1  
Connecticut 1  
creek 10  
current 8

dangerous 1  
deep 35  
Delaware 1  
depth 1  
drowned 1

East 4

fish 1

|              |    |
|--------------|----|
| flow         | 24 |
| flows        | 5  |
| flowing      | 17 |
| Freiberg     | 1  |
| front        | 1  |
| God          | 1  |
| Grand        | 1  |
| green        | 1  |
| Hudson       | 33 |
| island       | 1  |
| Jordan       | 1  |
| lake         | 65 |
| lakes        | 1  |
| land         | 5  |
| large        | 7  |
| launch       | 1  |
| length       | 1  |
| life         | 1  |
| liquid       | 1  |
| long         | 8  |
| meadow       | 1  |
| Mississippi  | 8  |
| Mississquoi  | 1  |
| Missouri     | 1  |
| Mohawk       | 1  |
| motion       | 1  |
| mountain     | 10 |
| moving       | 2  |
| ocean        | 17 |
| Ohio         | 2  |
| Ottanqueehee | 1  |
| Owasco       | 1  |
| Pacific      | 1  |
| peace        | 2  |
| Piscatague   | 1  |
| plain        | 1  |
| pleasure     | 1  |
| pond         | 5  |
| rain         | 1  |
| Rappahannock | 1  |
| rapid        | 2  |
| Rhine        | 1  |
| rill         | 1  |
| rivulet      | 2  |

|              |     |
|--------------|-----|
| rivulets     | 1   |
| row          | 1   |
| rowing       | 1   |
| run          | 3   |
| runs         | 3   |
| running      | 11  |
| rushing      | 1   |
| <br>         |     |
| Saco         | 1   |
| sailing      | 4   |
| salt         | 1   |
| <br>         |     |
| sea          | 14  |
| shallow      | 2   |
| Shannon      | 1   |
| shining      | 1   |
| ship         | 4   |
| ships        | 1   |
| side         | 1   |
| sky          | 1   |
| slow         | 2   |
| small        | 1   |
| smooth       | 7   |
| spring       | 1   |
| St. Lawrence | 1   |
| stream       | 117 |
| streams      | 1   |
| streamlet    | 1   |
| strong       | 1   |
| sunset       | 1   |
| Susquehanna  | 2   |
| swift        | 3   |
| swim         | 4   |
| swimming     | 4   |
| <br>         |     |
| Tay          | 1   |
| tide         | 1   |
| tree         | 1   |
| tug          | 1   |
| turbulence   | 1   |
| <br>         |     |
| valley       | 5   |
| <br>         |     |
| Ware         | 1   |
| water        | 303 |
| well         | 3   |
| wet          | 2   |
| white        | 3   |
| wide         | 5   |
| winding      | 2   |
| winds        | 1   |

## 28. WHITE

|             |     |
|-------------|-----|
| almost      | 1   |
| apron       | 2   |
|             |     |
| baby        | 1   |
| beach       | 1   |
| beautiful   | 1   |
| beauty      | 1   |
| bird        | 1   |
| black       | 308 |
| bleached    | 1   |
| blue        | 9   |
| boat        | 1   |
| Bob         | 1   |
| body        | 1   |
| bride       | 1   |
| bright      | 4   |
| brightness  | 1   |
| Broadway    | 1   |
| brown       | 2   |
|             |     |
| cat         | 2   |
| cerement    | 1   |
| chair       | 1   |
| chalk       | 3   |
| cheerful    | 1   |
| cherries    | 1   |
| clean       | 10  |
| cleanliness | 2   |
| cleanness   | 1   |
| clear       | 2   |
| cloth       | 17  |
| clothing    | 1   |
| cloud       | 4   |
| clouds      | 2   |
| coat        | 1   |
| color       | 170 |
| colored     | 1   |
| colorless   | 11  |
| cotton      | 3   |
| cream       | 1   |
| curtain     | 2   |
| curtains    | 1   |
|             |     |
| dark        | 35  |
| darkness    | 1   |
| day         | 1   |
| daylight    | 1   |
| dazzling    | 2   |
| delicate    | 1   |
| dove        | 2   |
| dress       | 34  |

|              |    |
|--------------|----|
| dresses      | 1  |
| easy         | 2  |
| evening      | 1  |
| face         | 1  |
| feathers     | 2  |
| flag         | 2  |
| flower       | 2  |
| garment      | 2  |
| ghost        | 1  |
| glare        | 1  |
| good         | 1  |
| gray         | 2  |
| green        | 6  |
| hall         | 1  |
| handkerchief | 2  |
| hands        | 1  |
| hard         | 1  |
| horse        | 2  |
| house        | 4  |
| innocence    | 1  |
| lady         | 1  |
| lawn         | 1  |
| lead         | 1  |
| lemon        | 1  |
| lie          | 1  |
| light        | 51 |
| linen        | 3  |
| lovely       | 1  |
| man          | 2  |
| marble       | 1  |
| milk         | 9  |
| Mountain     | 1  |
| Mountains    | 1  |
| muslin       | 8  |
| napkin       | 1  |
| nearly       | 1  |
| nice         | 2  |
| paint        | 5  |
| pale         | 2  |
| paper        | 17 |
| pencil       | 1  |
| person       | 2  |
| pigeon       | 1  |
| pink         | 2  |

|            |    |
|------------|----|
| pleasing   | 1  |
| powder     | 1  |
| pretty     | 1  |
| pure       | 20 |
| purity     | 19 |
| race       | 1  |
| red        | 7  |
| restful    | 1  |
| retired    | 1  |
| ribbon     | 1  |
| rightness  | 1  |
| rose       | 2  |
| sand       | 1  |
| Sarah      | 1  |
| shade      | 1  |
| sheet      | 6  |
| shoes      | 1  |
| shroud     | 1  |
| silvery    | 1  |
| simple     | 1  |
| skirt      | 1  |
| sky        | 2  |
| snow       | 91 |
| snowflake  | 1  |
| snowy      | 1  |
| soft       | 1  |
| soul       | 1  |
| space      | 1  |
| spread     | 1  |
| still      | 2  |
| summer     | 1  |
| sunlight   | 1  |
| swan       | 1  |
| tablecloth | 4  |
| tent       | 1  |
| tile       | 1  |
| trees      | 1  |
| trousers   | 1  |
| waist      | 2  |
| wall       | 6  |
| wash       | 1  |
| wedding    | 2  |
| yellow     | 7  |

## 29. BEAUTIFUL

|           |   |
|-----------|---|
| admirable | 1 |
|-----------|---|

|             |   |
|-------------|---|
| admiring    | 1 |
| aesthetic   | 1 |
| all         | 1 |
| ancient     | 1 |
| appearance  | 2 |
| art         | 6 |
| article     | 1 |
| artistic    | 1 |
| attractive  | 1 |
|             |   |
| baby        | 1 |
| bird        | 1 |
| birds       | 1 |
| brilliant   | 1 |
| building    | 1 |
| butterfly   | 2 |
|             |   |
| carpet      | 1 |
| carving     | 1 |
| charming    | 7 |
| child       | 6 |
| city        | 1 |
| classic     | 1 |
| clear       | 1 |
| clouds      | 1 |
| color       | 1 |
| colors      | 1 |
| comely      | 3 |
| common      | 1 |
| complexion  | 3 |
| conceited   | 1 |
| country     | 3 |
| curtain     | 1 |
|             |   |
| dainty      | 1 |
| day         | 7 |
| delicious   | 1 |
| delightful  | 5 |
| description | 1 |
| desire      | 1 |
| divine      | 1 |
| dress       | 2 |
|             |   |
| earth       | 1 |
| elegant     | 5 |
| enjoyed     | 1 |
| ethereal    | 1 |
| Eunice      | 2 |
| Evelyn      | 1 |
| everything  | 1 |
| exquisite   | 4 |
| eye         | 1 |
| eyes        | 2 |

|             |    |
|-------------|----|
| face        | 3  |
| fair        | 5  |
| falls       | 1  |
| fancy       | 2  |
| fascinating | 1  |
| fine        | 8  |
| flower      | 13 |
| flowers     | 42 |
| foliage     | 1  |
| forest      | 1  |
| Formosa     | 1  |
| fragrant    | 1  |
| friend      | 2  |
| gift        | 1  |
| girl        | 24 |
| glorious    | 2  |
| God         | 2  |
| good        | 4  |
| gorgeous    | 2  |
| graceful    | 1  |
| grand       | 40 |
| grandeur    | 2  |
| grass       | 1  |
| grounds     | 1  |
| hand        | 1  |
| handsome    | 86 |
| happy       | 1  |
| hard        | 1  |
| hateful     | 1  |
| heaven      | 2  |
| heavens     | 1  |
| hideous     | 1  |
| hills       | 2  |
| homely      | 27 |
| horrible    | 1  |
| joy         | 1  |
| kind        | 1  |
| lady        | 5  |
| lake        | 1  |
| landscape   | 7  |
| lightness   | 1  |
| long        | 1  |
| look        | 1  |
| looks       | 1  |
| looking     | 1  |
| lovable     | 2  |
| lovely      | 64 |

|              |     |
|--------------|-----|
| luxurious    | 1   |
| magnificent  | 10  |
| maiden       | 2   |
| man          | 2   |
| mansion      | 1   |
| money        | 1   |
| morning      | 1   |
| mountain     | 2   |
| mountains    | 6   |
| music        | 4   |
| myself       | 1   |
| nature       | 16  |
| Niagara      | 1   |
| nice         | 73  |
| nicely       | 1   |
| night        | 1   |
| noble        | 1   |
| object       | 1   |
| ocean        | 3   |
| Palisades    | 2   |
| pansies      | 1   |
| park         | 1   |
| peacock      | 3   |
| perception   | 1   |
| perfect      | 3   |
| perfection   | 1   |
| person       | 2   |
| picture      | 19  |
| pictures     | 4   |
| place        | 1   |
| plain        | 2   |
| pleasant     | 14  |
| pleasing     | 16  |
| pleasure     | 2   |
| pretty       | 113 |
| queen        | 1   |
| rainbow      | 1   |
| religion     | 1   |
| resplendent  | 1   |
| ribbon       | 1   |
| rich         | 1   |
| robin        | 1   |
| rose         | 6   |
| roses        | 2   |
| sad          | 1   |
| satisfaction | 1   |

|           |    |
|-----------|----|
| scarce    | 1  |
| scene     | 1  |
| scenery   | 23 |
| school    | 1  |
| sculpture | 1  |
| sensitive | 1  |
| shapely   | 1  |
| sight     | 1  |
| sky       | 16 |
| soft      | 1  |
| sometimes | 1  |
| soothing  | 1  |
| sorrowful | 1  |
| splendid  | 8  |
| statue    | 1  |
| straw     | 1  |
| summer    | 2  |
| sun       | 1  |
| sunset    | 8  |
| sunshine  | 1  |
| superb    | 1  |
| supreme   | 1  |
| sweet     | 4  |
| symphony  | 1  |

|        |    |
|--------|----|
| things | 2  |
| tree   | 4  |
| trees  | 10 |

|          |    |
|----------|----|
| ugliness | 2  |
| ugly     | 66 |

|         |   |
|---------|---|
| vanity  | 1 |
| verdure | 1 |
| violets | 1 |

|           |    |
|-----------|----|
| weather   | 4  |
| wife      | 1  |
| woman     | 29 |
| women     | 1  |
| wonderful | 1  |
| world     | 2  |

|     |   |
|-----|---|
| you | 1 |
|-----|---|

### 30. WINDOW

|          |    |
|----------|----|
| air      | 12 |
| airing   | 1  |
| airy     | 1  |
| aperture | 2  |
| awning   | 1  |

|           |     |
|-----------|-----|
| bars      | 1   |
| blind     | 4   |
| breeze    | 1   |
| bright    | 3   |
| broken    | 2   |
|           |     |
| cage      | 1   |
| casing    | 3   |
| children  | 1   |
| church    | 1   |
| clean     | 6   |
| cleaner   | 1   |
| clear     | 7   |
| colored   | 1   |
| cool      | 1   |
| curtain   | 13  |
| curtains  | 4   |
|           |     |
| danger    | 1   |
| dirty     | 2   |
| door      | 57  |
| doors     | 1   |
| doorway   | 1   |
| draught   | 1   |
|           |     |
| eyes      | 1   |
|           |     |
| few       | 1   |
| frame     | 5   |
|           |     |
| garden    | 1   |
| glass     | 316 |
| glasses   | 1   |
|           |     |
| hole      | 4   |
| home      | 1   |
| house     | 22  |
|           |     |
| joyful    | 1   |
|           |     |
| landscape | 2   |
| large     | 11  |
| lattice   | 2   |
| ledge     | 1   |
| light     | 186 |
| look      | 15  |
| looking   | 5   |
| low       | 1   |
|           |     |
| Newcastle | 1   |
|           |     |
| object    | 1   |

|             |    |
|-------------|----|
| open        | 19 |
| opened      | 1  |
| opening     | 16 |
| outdoors    | 1  |
| outlook     | 5  |
| pane        | 82 |
| panes       | 6  |
| picture     | 1  |
| porch       | 1  |
| rain        | 1  |
| rock        | 1  |
| room        | 3  |
| sash        | 20 |
| scene       | 2  |
| scenery     | 3  |
| school      | 2  |
| screen      | 1  |
| screens     | 1  |
| seat        | 1  |
| see         | 9  |
| shade       | 8  |
| shades      | 2  |
| shed        | 1  |
| shining     | 1  |
| sight       | 7  |
| sightly     | 1  |
| sill        | 13 |
| sky         | 1  |
| skylight    | 3  |
| small       | 1  |
| square      | 1  |
| stained     | 2  |
| stop        | 1  |
| street      | 1  |
| structure   | 1  |
| sun         | 3  |
| sunshine    | 2  |
| thing       | 1  |
| translucent | 1  |
| transom     | 1  |
| transparent | 24 |
| trees       | 2  |
| useful      | 2  |
| vast        | 1  |
| ventilation | 5  |
| ventilator  | 2  |
| view        | 15 |

|         |   |
|---------|---|
| viewing | 1 |
| visible | 1 |
| vision  | 1 |
|         |   |
| wall    | 4 |
| wash    | 1 |
| wide    | 2 |
| winter  | 2 |
| wood    | 1 |

### 31. ROUGH

|              |    |
|--------------|----|
| bad          | 4  |
| bag          | 1  |
| ball         | 1  |
| basket       | 1  |
| bear         | 1  |
| blisters     | 1  |
| blow         | 1  |
| board        | 10 |
| boards       | 1  |
| boisterous   | 4  |
| bold         | 2  |
| boy          | 4  |
| boys         | 4  |
| bristle      | 1  |
| brush        | 2  |
| brutal       | 3  |
| brutality    | 1  |
| bumpy        | 1  |
|              |    |
| calm         | 2  |
| careless     | 1  |
| carpet       | 2  |
| chaps        | 1  |
| cloth        | 4  |
| coarse       | 29 |
| coarseness   | 1  |
| cobblestones | 1  |
| cold         | 1  |
| country      | 2  |
| crooked      | 2  |
| cross        | 1  |
| cruel        | 1  |
|              |    |
| desert       | 1  |
| difficult    | 1  |
| dirt         | 1  |
| disagreeable | 8  |
| discomfort   | 1  |
| discouraging | 1  |

|             |    |
|-------------|----|
| dog         | 1  |
| dress       | 1  |
| dry         | 3  |
| dull        | 1  |
| earth       | 2  |
| easy        | 2  |
| even        | 2  |
| land        | 1  |
| face        | 1  |
| fast        | 1  |
| file        | 7  |
| fine        | 2  |
| floor       | 6  |
| football    | 2  |
| forest      | 1  |
| gambler     | 1  |
| genteel     | 1  |
| gentle      | 8  |
| girl        | 1  |
| granite     | 1  |
| granular    | 1  |
| grater      | 1  |
| grating     | 1  |
| gravel      | 1  |
| ground      | 8  |
| hairy       | 1  |
| hall        | 1  |
| hand        | 2  |
| hard        | 38 |
| hardness    | 1  |
| harsh       | 10 |
| harshness   | 1  |
| haste       | 1  |
| hill        | 2  |
| hills       | 2  |
| hilly       | 5  |
| horrid      | 1  |
| house       | 1  |
| porcupine   | 1  |
| ice         | 3  |
| impertinent | 1  |
| injurious   | 1  |
| iron        | 2  |
| irregular   | 2  |
| jagged      | 1  |
| knife       | 1  |
| late        | 1  |

|               |    |
|---------------|----|
| level         | 3  |
| lurk          | 1  |
| lump          | 1  |
| man           | 8  |
| manner        | 1  |
| manners       | 1  |
| material      | 1  |
| me            | 1  |
| mean          | 1  |
| mild          | 3  |
| mountain      | 6  |
| mountains     | 1  |
| nice          | 1  |
| noisy         | 1  |
| obstetricians | 1  |
| ocean         | 27 |
| orange        | 1  |
| paper         | 1  |
| pavement      | 1  |
| peasant       | 1  |
| pebbles       | 1  |
| person        | 2  |
| picture       | 1  |
| pineapple     | 1  |
| plane         | 2  |
| plank         | 1  |
| play          | 1  |
| poor          | 1  |
| stern         | 1  |
| push          | 1  |
| stone         | 12 |
| quality       | 1  |
| quiet         | 1  |
| quite         | 1  |
| radiator      | 1  |
| ragged        | 5  |
| railway       | 1  |
| rasp          | 1  |
| ready         | 5  |
| refined       | 1  |
| rider         | 1  |
| riders        | 1  |
| river         | 1  |
| road          | 21 |
| roads         | 5  |
| rock          | 10 |
| rocks         | 10 |

|               |     |
|---------------|-----|
| rocky         | 12  |
| rowdy         | 1   |
| ruddy         | 1   |
| rude          | 7   |
| rudeness      | 1   |
| rug           | 1   |
| rugged        | 22  |
| ruggedness    | 1   |
| Russian       | 1   |
| rut           | 1   |
|               |     |
| sand          | 5   |
| sandpaper     | 13  |
| savage        | 1   |
| sea           | 15  |
| sedate        | 1   |
| scratch       | 1   |
| shock         | 1   |
| sliver        | 1   |
| slow          | 1   |
| smooth        | 346 |
| smoothness    | 2   |
| soft          | 4   |
| sponge        | 1   |
| west          | 1   |
| sticky        | 1   |
| wind          | 2   |
| stones        | 3   |
| stony         | 7   |
| storm         | 5   |
| stormy        | 1   |
| straight      | 1   |
| street        | 3   |
| surface       | 6   |
|               |     |
| table         | 4   |
| tempestuous   | 1   |
| tongue        | 2   |
| touch         | 2   |
| tough         | 2   |
| towel         | 1   |
| tramp         | 4   |
| trouble       | 1   |
| tumble        | 1   |
| turbulent     | 1   |
|               |     |
| ugly          | 4   |
| uncomfortable | 4   |
| uncouth       | 4   |
| uneasy        | 1   |
| uneven        | 38  |
| unfairness    | 1   |
| unfinished    | 1   |

unpleasant 7  
unsatisfactory 1  
untaught 1

voices 1  
voyage 2  
vulgar 5

walk 2  
wall 1  
washing 1  
water 21  
waves 5  
weary 1  
weather 4

wild 2

winds 1  
wood 7  
woodsman 1  
work 1  
world 1  
wrong 1

## 32. CITIZEN

alien 14  
America 5  
American 35  
Americans 3  
army 1  
arrived 1

belong 4  
belonging 1  
beloved 1  
beneficial 1  
bird 1  
born 3  
Brooklyn 1  
brother 1  
business 1

C. 1  
candidate 1  
capital 1  
cat 1  
cistern 1  
citizeness 1  
city 27  
civies 4

|              |    |
|--------------|----|
| civilian     | 2  |
| civilized    | 4  |
| clothes      | 1  |
| club         | 1  |
| commander    | 1  |
| community    | 3  |
| comrade      | 1  |
| conspirators | 1  |
| constitution | 1  |
| cosmopolitan | 1  |
| countrified  | 1  |
| country      | 17 |
| countryman   | 7  |
| criticise    | 1  |
|              |    |
| democrat     | 1  |
| duties       | 2  |
| duty         | 3  |
| dweller      | 1  |
| dwelling     | 1  |
|              |    |
| ear          | 1  |
| election     | 1  |
| eligible     | 1  |
| emigrant     | 2  |
| emigration   | 1  |
|              |    |
| F.           | 1  |
| faithful     | 1  |
| farm         | 1  |
| farmer       | 3  |
|              |    |
| fellow       | 3  |
| fellowship   | 2  |
| fine         | 1  |
| five         | 2  |
| fool         | 1  |
| foreign      | 1  |
| foreigner    | 12 |
| free         | 1  |
| freeman      | 2  |
| friend       | 1  |
| friendship   | 1  |
|              |    |
| gardener     | 1  |
| gentleman    | 8  |
| German       | 3  |
| good         | 26 |
| government   | 6  |
| green        | 1  |
|              |    |
| helper       | 1  |

home 3  
honest 3  
honor 1  
honorable 2  
human 3

I 1  
immigrant 1  
independence 1  
indian 1  
individual 4  
inhabit 1  
inhabitant 23  
invader 1  
Italian 1

justice 2

K. 1  
king 1

large 1

law 11  
laws 1  
lawyer 3  
leader 1  
leading 1  
legislature 1  
Lincoln 1  
little 1  
live 1  
lives 1  
loyal 3

male 7  
man 278  
manhood 1  
mayor 5  
me 1  
member 5  
men 2  
merry 1  
moral 1  
Mr. A. 1  
Mr. C. 1  
Mr. S. 1  
municipal 1  
myself 1

name 1  
nationality 1

|                |    |
|----------------|----|
| native         | 25 |
| natural        | 1  |
| naturalization | 1  |
| naturalized    | 5  |
| navy           | 1  |
| near           | 1  |
| neighbor       | 3  |
| newspaper      | 1  |
| New York       | 4  |
| noble          | 1  |
| nobleman       | 2  |
| nonsense       | 1  |
| obedient       | 1  |
| obey           | 1  |
| occupant       | 1  |
| office         | 2  |
| officer        | 1  |
| old            | 1  |
| orderly        | 1  |
| outlaw         | 1  |
| paper          | 2  |
| papers         | 2  |
| patrician      | 1  |
| patriot        | 2  |
| patriotic      | 2  |
| peasant        | 1  |
| people         | 41 |
| person         | 64 |
| plebeian       | 1  |
| policeman      | 2  |
| politician     | 4  |
| politicians    | 1  |
| politics       | 8  |
| poor           | 1  |
| president      | 4  |
| proud          | 1  |
| relative       | 1  |
| republic       | 3  |
| republican     | 1  |
| residence      | 2  |
| resident       | 20 |
| respectable    | 1  |
| revolution     | 1  |
| righteousness  | 1  |
| Roman          | 2  |
| Roosevelt      | 2  |
| ruler          | 1  |
| season         | 1  |
| ship           | 1  |

soldier 5  
state 10  
statesman 5  
stationed 1  
straight 1  
subject 5  
suburban 1  
suffrage 3  
suffragette 2

Taft 3  
Tammany 1  
taxes 1  
Teddy 1  
thoughtful 1  
tough 1  
town 5  
townsman 5

undesirable 2  
unit 1  
United States 19  
useful 2

village 2  
vote 13  
voting 4  
Voter 35

Washington 1  
woman 2  
work 2

years 1

### 33. FOOT

anatomy 2  
animal 2  
ankle 11  
appendage 2  
arm 11

baby's 1  
base 1  
bicycle 1  
big 2  
black 3  
body 34  
bone 4  
bones 5

|            |     |
|------------|-----|
| boot       | 6   |
| bottom     | 1   |
| broken     | 1   |
| brown      | 1   |
| careful    | 1   |
| comfort    | 3   |
| corn       | 3   |
| corns      | 2   |
| dainty     | 1   |
| difficult  | 1   |
| distance   | 1   |
| expansive  | 1   |
| extremity  | 9   |
| finger     | 1   |
| firm       | 1   |
| flat       | 1   |
| flesh      | 6   |
| football   | 1   |
| foundation | 3   |
| gear       | 1   |
| girls      | 1   |
| going      | 1   |
| good       | 1   |
| ground     | 2   |
| hand       | 185 |
| hands      | 5   |
| head       | 7   |
| heel       | 3   |
| help       | 1   |
| helper     | 1   |
| horse      | 1   |
| house      | 1   |
| human      | 1   |
| humility   | 1   |
| hurt       | 1   |
| inch       | 3   |
| inches     | 2   |
| kick       | 4   |
| knee       | 2   |
| labor      | 1   |
| lame       | 1   |
| large      | 14  |
| leg        | 54  |
| legs       | 1   |

|            |     |
|------------|-----|
| length     | 2   |
| limb       | 58  |
| long       | 2   |
| man        | 5   |
| measure    | 3   |
| member     | 10  |
| mine       | 1   |
| Miss F.    | 1   |
| movement   | 2   |
| music      | 1   |
| nail       | 1   |
| naked      | 1   |
| necessity  | 2   |
| needful    | 1   |
| organ      | 1   |
| pain       | 1   |
| painful    | 1   |
| part       | 2   |
| pavement   | 1   |
| pedal      | 3   |
| pedant     | 1   |
| pedestal   | 1   |
| pedestrian | 1   |
| person     | 5   |
| plaster    | 1   |
| quadruped  | 2   |
| rheumatism | 1   |
| right      | 1   |
| rubber     | 1   |
| rule       | 4   |
| ruler      | 1   |
| run        | 2   |
| shape      | 1   |
| shoe       | 146 |
| shoes      | 17  |
| short      | 4   |
| size       | 1   |
| skin       | 1   |
| slipper    | 2   |
| small      | 22  |
| sole       | 1   |
| sore       | 8   |
| speed      | 1   |
| stability  | 1   |
| stand      | 6   |
| standing   | 1   |

|           |   |
|-----------|---|
| standard  | 1 |
| step      | 6 |
| stepping  | 1 |
| stocking  | 2 |
| stone     | 1 |
| strength  | 1 |
| strong    | 1 |
| stumps    | 1 |
| support   | 1 |
| swiftness | 1 |

|        |    |
|--------|----|
| three  | 1  |
| tired  | 5  |
| toe    | 30 |
| toes   | 41 |
| travel | 2  |
| trod   | 1  |
| twelve | 1  |
| two    | 1  |

|        |   |
|--------|---|
| useful | 5 |
|--------|---|

|          |   |
|----------|---|
| velocity | 1 |
|----------|---|

|         |     |
|---------|-----|
| walk    | 106 |
| walking | 38  |
| warm    | 1   |

|      |   |
|------|---|
| yard | 1 |
|------|---|

#### 34. SPIDER

|            |    |
|------------|----|
| abhorrence | 1  |
| afraid     | 1  |
| animal     | 38 |
| annoyance  | 1  |
| ant        | 3  |
| arachnida  | 2  |
| arachnoid  | 1  |
| awful      | 1  |

|           |    |
|-----------|----|
| bee       | 3  |
| bees      | 2  |
| beetle    | 4  |
| big       | 1  |
| bird      | 2  |
| bite      | 20 |
| black     | 8  |
| breakfast | 1  |
| bug       | 58 |
| bugs      | 2  |

|                 |     |
|-----------------|-----|
| butterfly       | 5   |
| camp            | 1   |
| caterpillar     | 3   |
| centipede       | 1   |
| chills          | 1   |
| climb           | 1   |
| cobweb          | 12  |
| cobwebs         | 2   |
| country         | 1   |
| crawl           | 14  |
| crawls          | 1   |
| crawling        | 11  |
| crawly          | 1   |
| creature        | 2   |
| creep           | 6   |
| creeps          | 1   |
| creeping        | 7   |
| creepiness      | 1   |
| creepy          | 5   |
| cricket         | 2   |
| cringe          | 1   |
| cross           | 1   |
| crow            | 1   |
| cunning         | 1   |
| daddy-long-legs | 1   |
| danger          | 1   |
| dangerous       | 4   |
| dark            | 2   |
| dirty           | 1   |
| disagreeable    | 3   |
| displeasure     | 1   |
| dread           | 1   |
| evil            | 1   |
| fear            | 3   |
| fish            | 1   |
| flies           | 4   |
| fly             | 136 |
| fright          | 1   |
| fry             | 1   |
| frying          | 1   |
| grass           | 1   |
| harlequin       | 1   |
| harmful         | 1   |
| horrible        | 1   |
| horrid          | 4   |
| horror          | 3   |

|               |     |
|---------------|-----|
| industry      | 1   |
| insect        | 276 |
| jumping       | 1   |
| large         | 5   |
| leg           | 3   |
| legs          | 27  |
| loathsome     | 1   |
| long          | 1   |
| Miss Muffet   | 1   |
| mosquito      | 1   |
| moth          | 1   |
| movements     | 1   |
| nasty         | 3   |
| nest          | 1   |
| net           | 2   |
| nuisance      | 1   |
| objectionable | 1   |
| obnoxious     | 1   |
| octopus       | 1   |
| pain          | 1   |
| pan           | 1   |
| pest          | 1   |
| poison        | 10  |
| poisonous     | 1   |
| pretty        | 1   |
| rats          | 1   |
| Robert Bruce  | 2   |
| roach         | 1   |
| room          | 1   |
| shivers       | 1   |
| shudder       | 1   |
| sinister      | 1   |
| small         | 2   |
| snake         | 1   |
| snakes        | 1   |
| sparrow       | 1   |
| sting         | 7   |
| stings        | 1   |
| stung         | 1   |
| study         | 1   |
| tarantula     | 3   |
| thing         | 1   |
| thread        | 2   |
| tortoise      | 1   |

|             |     |
|-------------|-----|
| treachery   | 1   |
| tree        | 1   |
| ugly        | 6   |
| undesirable | 1   |
| unpleasant  | 1   |
| venomous    | 2   |
| vermin      | 1   |
| walk        | 1   |
| wall        | 1   |
| wasp        | 6   |
| watching    | 1   |
| weaves      | 2   |
| weaving     | 1   |
| web         | 188 |
| webs        | 3   |
| wiggly      | 1   |
| worm        | 4   |
| young       | 1   |

### 35. NEEDLE

|            |    |
|------------|----|
| article    | 3  |
| blood      | 1  |
| book       | 2  |
| broken     | 1  |
| button     | 1  |
| buttons    | 1  |
| camel      | 1  |
| cloth      | 4  |
| clothes    | 2  |
| coat       | 2  |
| cotton     | 7  |
| crocheting | 1  |
| cut        | 1  |
| darning    | 4  |
| diligence  | 1  |
| dressmaker | 2  |
| embroidery | 1  |
| eye        | 17 |
| fine       | 3  |

|            |     |
|------------|-----|
| handy      | 1   |
| help       | 1   |
| hole       | 1   |
| home       | 1   |
| housewife  | 1   |
| hurt       | 2   |
| hypodermic | 2   |
| implement  | 5   |
| industry   | 2   |
| instrument | 26  |
| knitting   | 4   |
| labor      | 1   |
| long       | 1   |
| magnetic   | 1   |
| material   | 1   |
| mending    | 1   |
| metal      | 3   |
| nail       | 1   |
| ornament   | 1   |
| patching   | 1   |
| pin        | 147 |
| pins       | 11  |
| pincushion | 1   |
| point      | 50  |
| pointed    | 9   |
| prick      | 10  |
| pricks     | 1   |
| pricking   | 2   |
| sew        | 134 |
| sews       | 1   |
| sewing     | 107 |
| sharp      | 152 |
| sharpness  | 4   |
| shiny      | 1   |
| slippers   | 1   |
| small      | 2   |
| steel      | 53  |
| sting      | 2   |
| stitching  | 1   |
| surgeon    | 1   |
| tailor     | 1   |
| thick      | 2   |
| thimble    | 15  |
| thin       | 2   |

|        |     |
|--------|-----|
| thread | 100 |
| tool   | 5   |
| use    | 1   |
| using  | 1   |
| useful | 12  |
| weapon | 1   |
| wire   | 1   |
| woman  | 1   |
| work   | 6   |

### 36. RED

|             |    |
|-------------|----|
| aggravating | 1  |
| anarchist   | 1  |
| anger       | 2  |
| apple       | 13 |
| apples      | 3  |
| ball        | 1  |
| banner      | 1  |
| barn        | 2  |
| beauty      | 2  |
| becoming    | 1  |
| black       | 61 |
| blood       | 71 |
| bloody      | 1  |
| blossom     | 1  |
| blue        | 99 |
| book        | 8  |
| bravery     | 1  |
| brick       | 3  |
| bricks      | 2  |
| bright      | 40 |
| brightness  | 2  |
| brilliant   | 3  |
| brook       | 1  |
| brown       | 7  |
| building    | 1  |
| bull        | 2  |
| cap         | 1  |
| cape        | 1  |
| carpet      | 1  |
| ceiling     | 1  |
| cheeks      | 1  |
| cheer       | 1  |
| cherries    | 1  |
| closet      | 1  |
| cloth       | 8  |

|             |     |
|-------------|-----|
| clouds      | 1   |
| coat        | 2   |
| color       | 254 |
| colors      | 1   |
| colored     | 1   |
| coloring    | 1   |
| comfortable | 1   |
| Cornell     | 1   |
| cow         | 1   |
| crimson     | 2   |
| curtain     | 2   |
| <br>        |     |
| danger      | 14  |
| dark        | 6   |
| dashy       | 1   |
| dislike     | 1   |
| dress       | 18  |
| <br>        |     |
| eat         | 1   |
| Ed          | 1   |
| <br>        |     |
| fiery       | 2   |
| fire        | 81  |
| flag        | 16  |
| flannel     | 3   |
| flashy      | 1   |
| fright      | 1   |
| flower      | 2   |
| flowers     | 1   |
| flushing    | 1   |
| <br>        |     |
| garment     | 1   |
| garnet      | 3   |
| gaudy       | 1   |
| glaring     | 2   |
| glass       | 1   |
| globe       | 1   |
| glow        | 1   |
| grass       | 1   |
| green       | 30  |
| <br>        |     |
| hair        | 6   |
| handsome    | 1   |
| hat         | 1   |
| head        | 2   |
| healthy     | 1   |
| heat        | 4   |
| Hereford    | 1   |
| holly       | 1   |
| hood        | 1   |
| horse       | 1   |
| hot         | 5   |
| house       | 2   |

|               |    |
|---------------|----|
| Indian        | 2  |
| ink           | 4  |
| iron          | 1  |
| jacket        | 1  |
| lavender      | 1  |
| light         | 1  |
| lips          | 1  |
| maroon        | 1  |
| Mars          | 1  |
| mixture       | 1  |
| moon          | 1  |
| object        | 1  |
| objectionable | 1  |
| offensive     | 1  |
| orange        | 1  |
| paint         | 5  |
| paper         | 4  |
| passion       | 1  |
| pencil        | 1  |
| pink          | 1  |
| plush         | 1  |
| poinsettia    | 1  |
| pretty        | 2  |
| purple        | 6  |
| ribbon        | 3  |
| riding        | 1  |
| robin         | 3  |
| rose          | 15 |
| rosy          | 3  |
| rug           | 2  |
| scarlet       | 3  |
| shoe          | 1  |
| sky           | 2  |
| smooth        | 1  |
| soldier       | 1  |
| spots         | 1  |
| story         | 1  |
| sun           | 5  |
| sunset        | 3  |
| sweater       | 1  |
| tablecloth    | 1  |
| thread        | 4  |
| tie           | 1  |

|          |    |
|----------|----|
| tomatoes | 1  |
| turkey   | 2  |
| vivid    | 1  |
| war      | 1  |
| warm     | 6  |
| warmth   | 3  |
| whiskey  | 1  |
| white    | 97 |
| wool     | 1  |
| world    | 1  |
| yarn     | 1  |
| yellow   | 15 |

### 37. SLEEP

|            |    |
|------------|----|
| awake      | 94 |
| awaking    | 1  |
| awaken     | 3  |
| awakening  | 1  |
| baby       | 2  |
| beautiful  | 1  |
| bed        | 75 |
| bedstead   | 1  |
| calm       | 2  |
| chance     | 1  |
| child      | 2  |
| children   | 1  |
| coma       | 1  |
| comfort    | 30 |
| dead       | 2  |
| death      | 7  |
| deep       | 5  |
| desire     | 1  |
| desperate  | 1  |
| dope       | 1  |
| dormitory  | 2  |
| dose       | 1  |
| doze       | 4  |
| dream      | 28 |
| dreams     | 10 |
| drowsy     | 6  |
| drowsiness | 3  |
| dullness   | 1  |
| ease       | 3  |

easy 4  
eat 4  
enjoyable 1  
enjoyment 1  
enough 1  
experiment 1  
eyes 10

fast 1  
fatigue 2  
fine 1  
forgetfulness 2

gentle 1  
girl 1  
go 1  
good 5

habit 1  
happiness 1  
health 3  
heavy 1  
home 1

insomnia 2

lady 1  
leisure 1  
lain 1  
lie 3  
living 1  
luxurious 1  
luxury 1

mesmerism 1  
midnight 1  
myself 1

natural 1  
necessary 4

need 1  
needful 1

nice 1  
night 40

peace 1  
peaceful 1  
peacefulness 2  
perfect 1  
pillow 5  
pleasant 3

plenty 1  
poorly 1  
potassium 1  
profound 2

quiet 8  
quietness 2  
quietude 1

rage 1  
recline 2  
reclining 1  
refreshing 7  
refreshment 2  
relax 1  
repose 31  
rest 300  
resting 14  
restful 9  
restless 4  
restore 1  
restorer 2  
retiring 1  
rise 1  
rising 1

senses 1  
Shakespeare 1  
sheet 1  
shut 1  
silence 1  
sleeplessness 1  
sleepy 1  
slumber 20  
slumbering 2  
snore 4  
soft 1  
solace 1  
song 1  
soothing 2  
sound 16  
soundly 3  
still 2  
sweet 3

thinking 1  
tired 26  
tiresome 1

unconscious 12  
unconsciousness 7

|             |    |
|-------------|----|
| wake        | 60 |
| wakefulness | 4  |
| wakened     | 1  |
| wakening    | 1  |
| waking      | 4  |
|             |    |
| walk        | 2  |
| wanting     | 1  |
| watchful    | 1  |
| weariness   | 3  |
| weary       | 1  |
| well        | 1  |
| woman       | 1  |

### 38. ANGER

|             |    |
|-------------|----|
| abuse       | 1  |
| aggravated  | 1  |
| aggravation | 2  |
| agony       | 1  |
| amiability  | 2  |
| amiable     | 1  |
| angry       | 6  |
| anguish     | 2  |
| annoyance   | 1  |
| annoyed     | 3  |
| appearance  | 1  |
| aroused     | 1  |
| awful       | 1  |
|             |    |
| bad         | 13 |
| bitter      | 2  |
| bitterness  | 3  |
| blow        | 1  |
| blows       | 1  |
| blush       | 1  |
| boy         | 3  |
| breathing   | 1  |
|             |    |
| calm        | 7  |
| calmness    | 1  |
| cat         | 2  |
| catching    | 1  |
| cause       | 2  |
| character   | 1  |
| cheer       | 1  |
| child       | 1  |
| children    | 1  |
| cholera     | 1  |
| cold        | 1  |
| command     | 3  |

|                |    |
|----------------|----|
| compose        | 1  |
| control        | 5  |
| cool           | 1  |
| cranky         | 1  |
| crazy          | 1  |
| cross          | 44 |
| crossness      | 2  |
| covetous       | 1  |
| cruel          | 1  |
| cry            | 1  |
|                |    |
| danger         | 1  |
| deliberation   | 1  |
| despise        | 1  |
| devil          | 1  |
| disagreeable   | 4  |
| disappointed   | 1  |
| disappointment | 2  |
| discomfort     | 3  |
| dishonor       | 1  |
| dislike        | 1  |
| disobedience   | 1  |
| disobedient    | 1  |
| displeased     | 2  |
| displeasure    | 2  |
| disturbance    | 3  |
| disturbed      | 5  |
| dog            | 4  |
| downhearted    | 1  |
| duel           | 1  |
|                |    |
| emotion        | 3  |
| enemy          | 2  |
| energy         | 1  |
| enmity         | 1  |
| excitability   | 1  |
| excited        | 3  |
| excitement     | 4  |
| exclamation    | 1  |
|                |    |
| face           | 1  |
| father         | 1  |
| fear           | 9  |
| feeling        | 4  |
| ferocity       | 1  |
| fierce         | 1  |
| fiery          | 1  |
| fight          | 8  |
| fighting       | 1  |
| fist           | 1  |
| flush          | 1  |
| foolish        | 1  |
| foolishness    | 3  |

force 1  
forgive 1  
forgiveness 3  
frenzy 1  
fret 1  
fright 1  
frown 1  
frowning 1  
fun 1  
furious 2  
fury 4

gentle 2  
gentleness 3  
giant 1  
girl 1  
glad 4  
gladness 2  
good 2  
great 1  
grief 3  
grieve 1  
grouchy 2

happiness 4  
happy 2  
harsh 3  
haste 2  
hasty 3  
hate 9  
hateful 1  
hatred 26  
headache 1  
horrid 1  
horror 1  
hot 3  
hot-headed 1  
house 1  
humor 1  
hunger 1  
hysteria 1

ill 1  
impatience 4  
impatient 3  
Indian 1  
indignant 1  
indignation 2  
insanity 1  
insult 1  
insulted 1  
intense 1  
intensity 1

|              |     |
|--------------|-----|
| intoxication | 1   |
| ire          | 2   |
| irritable    | 1   |
| jealousy     | 1   |
| Jimmy        | 1   |
| joy          | 4   |
| joyful       | 1   |
| judgement    | 1   |
| kind         | 2   |
| kindness     | 2   |
| laughter     | 1   |
| light        | 1   |
| lion         | 2   |
| little       | 1   |
| loud         | 3   |
| love         | 5   |
| low          | 1   |
| mad          | 121 |
| maddest      | 1   |
| madness      | 19  |
| malice       | 2   |
| man          | 6   |
| mean         | 1   |
| meekness     | 4   |
| mild         | 1   |
| mind         | 4   |
| mirth        | 2   |
| myself       | 2   |
| name         | 1   |
| nature       | 1   |
| nerves       | 1   |
| nervous      | 1   |
| never        | 1   |
| nice         | 1   |
| noise        | 2   |
| noisy        | 1   |
| none         | 1   |
| nonsense     | 1   |
| not          | 1   |
| noticeable   | 1   |
| obey         | 1   |
| out          | 1   |
| outrage      | 1   |
| pain         | 1   |
| passion      | 51  |
| passionate   | 1   |

|             |    |
|-------------|----|
| patience    | 3  |
| peace       | 6  |
| peaceful    | 1  |
| peevish     | 1  |
| person      | 2  |
| placid      | 1  |
| pleasant    | 5  |
| pleasure    | 4  |
| provocation | 2  |
| provoke     | 1  |
| provoked    | 1  |
| provoking   | 2  |
| quarrel     | 3  |
| quarreling  | 2  |
| quarrelsome | 1  |
| quick       | 4  |
| quickness   | 1  |
| quiet       | 6  |
| quietness   | 1  |
| quite       | 1  |
| rage        | 16 |
| rarely      | 1  |
| rashly      | 1  |
| rashness    | 1  |
| raving      | 1  |
| reason      | 1  |
| red         | 3  |
| remorse     | 1  |
| resentment  | 2  |
| resistive   | 1  |
| rest        | 1  |
| restless    | 1  |
| revenge     | 8  |
| riled       | 2  |
| rough       | 3  |
| roughness   | 1  |
| rude        | 1  |
| sad         | 1  |
| scold       | 2  |
| scolding    | 2  |
| scowl       | 1  |
| sedative    | 1  |
| selfishness | 1  |
| sharp       | 1  |
| shorn       | 1  |
| sick        | 1  |
| sin         | 1  |
| slow        | 1  |
| smooth      | 2  |

|               |     |
|---------------|-----|
| sober         | 1   |
| soft          | 1   |
| soldier       | 1   |
| sometimes     | 1   |
| soothing      | 1   |
| sorrow        | 10  |
| spite         | 1   |
| spiteful      | 1   |
| storm         | 1   |
| strike        | 1   |
| strong        | 1   |
| suffering     | 1   |
| sulky         | 1   |
| swear         | 1   |
| sweetness     | 1   |
| sword         | 1   |
| <br>          |     |
| talking       | 1   |
| teacher       | 2   |
| tears         | 1   |
| temper        | 149 |
| temperament   | 1   |
| terrible      | 1   |
| terror        | 1   |
| thought       | 3   |
| torment       | 1   |
| trouble       | 6   |
| turbulent     | 1   |
| turmoil       | 1   |
| <br>          |     |
| ugliness      | 1   |
| ugly          | 4   |
| unbecoming    | 1   |
| uncomfortable | 1   |
| unhealthy     | 1   |
| unpleasant    | 4   |
| <br>          |     |
| very          | 1   |
| vexation      | 3   |
| vexed         | 13  |
| vicious       | 1   |
| violence      | 1   |
| violent       | 2   |
| voice         | 1   |
| <br>          |     |
| war           | 1   |
| wicked        | 5   |
| wickedness    | 1   |
| wish          | 1   |
| woman         | 4   |
| words         | 1   |
| wrath         | 52  |
| wrathful      | 1   |

|         |   |
|---------|---|
| wroth   | 2 |
| wrong   | 4 |
| yelling | 1 |

### 39. CARPET

|            |   |
|------------|---|
| appearance | 1 |
| article    | 1 |

|             |    |
|-------------|----|
| beat        | 1  |
| beating     | 2  |
| beater      | 1  |
| beautiful   | 2  |
| beautifying | 1  |
| beauty      | 2  |
| bedroom     | 1  |
| blue        | 2  |
| bright      | 2  |
| broom       | 1  |
| brown       | 2  |
| brush       | 1  |
| brushes     | 1  |
| Brussels    | 14 |

|             |    |
|-------------|----|
| chair       | 1  |
| chairs      | 1  |
| clean       | 3  |
| cleaning    | 2  |
| cleaner     | 1  |
| cloth       | 20 |
| color       | 6  |
| colors      | 1  |
| comfort     | 15 |
| comfortable | 8  |
| cotton      | 2  |
| cover       | 27 |
| covering    | 76 |
| curtains    | 1  |

|          |   |
|----------|---|
| dark     | 1 |
| design   | 6 |
| designer | 1 |
| dirt     | 2 |
| down     | 1 |
| drag     | 1 |
| dullness | 1 |
| dust     | 4 |
| duster   | 1 |

ease 3  
electric 1  
expense 1

fancy 2  
figure 3  
flat 1  
floor 256  
flooring 2  
foot 2  
fur 1  
furnishing 1  
furniture 4

germs 1  
good 2  
goods 4  
grain 1  
gray 1  
green 8

hall 1  
heavy 3  
home 4  
house 4

ingrain 2

lay 1  
loom 1  
lot 1  
luxury 3

mat 6  
material 3  
matting 10  
mattress 1  
microbes 1  
moss 1

nail 1  
neatness 1  
nice 2  
none 1

oilcloth 7  
oriental 1  
ornament 2

parlor 3  
pattern 1  
pennant 1

pleasant 1  
plush 2  
pretty 4  
protection 2

quick 1

rag 7  
rags 3  
ragged 1  
red 8  
reddish 1  
refinement 1  
rich 1  
room 17  
rough 2  
rug 163  
rugs 14

shoes 1  
small 1  
smooth 8  
soft 78  
softness 4  
stairs 2  
stove 1  
straw 1  
sweep 7  
sweeping 3  
sweeper 10

table 1  
tack 8  
tacks 8  
tapestry 2  
textile 2  
thread 2  
tread 2

use 2  
useful 1

velvet 9

walk 15  
walking 6  
wall 1  
Wanamaker 1  
warm 2  
warmth 5  
weaver 1  
weaving 1  
wear 1

|         |    |
|---------|----|
| white   | 1  |
| wide    | 1  |
| wood    | 1  |
| wool    | 10 |
| woolen  | 7  |
| worsted | 1  |
| woven   | 2  |

#### 40. GIRL

|           |   |
|-----------|---|
| ankles    | 1 |
| Annie     | 1 |
| associate | 1 |

|           |     |
|-----------|-----|
| baby      | 1   |
| Beatrice  | 1   |
| beautiful | 8   |
| beauty    | 6   |
| being     | 9   |
| belt      | 1   |
| big       | 1   |
| biped     | 1   |
| blonde    | 1   |
| blooming  | 1   |
| book      | 1   |
| boy       | 350 |
| boys      | 3   |
| braids    | 2   |
| bright    | 1   |

|            |    |
|------------|----|
| changeable | 1  |
| cheerful   | 1  |
| child      | 49 |
| children   | 2  |
| childhood  | 2  |
| childish   | 1  |
| choice     | 1  |
| class      | 1  |
| classmate  | 1  |
| clever     | 1  |
| clothes    | 4  |
| clothing   | 1  |
| Coleen     | 1  |
| college    | 1  |
| companion  | 2  |
| cook       | 1  |
| cunning    | 1  |
| curls      | 2  |
| cute       | 2  |
| dainty     | 2  |
| damsel     | 1  |

dance 1  
dancing 1  
daughter 2  
delight 1  
diabolo 1  
domestic 1  
Doris 1  
Dorothy 1  
dream 1  
dress 8  
dresses 4

Effle 1  
Ethel 1  
eyes 1

fair 1  
fellow 2  
female 77  
feminine 3  
flesh 3  
flirtation 1  
Frances 1  
friend 7  
futuraity 1

garden 1  
gay 1  
gentility 1  
gentle 1  
Gertrude 1  
good 6  
grace 1

hair 3  
hand 1  
handsome 5  
happiness 1  
harmlessness 1  
has 1  
hat 3  
head 1  
here 1  
hood 1  
hoop 1  
human 7  
humanity 1

immature 1  
infant 2  
innocence 3  
innocent 1  
intelligent 1

|             |    |
|-------------|----|
| Irene       | 1  |
| jealousy    | 1  |
| jolly       | 2  |
| joy         | 2  |
| kid         | 1  |
| lady        | 20 |
| large       | 1  |
| lassie      | 1  |
| learning    | 1  |
| little      | 3  |
| lively      | 1  |
| Lizzie      | 1  |
| love        | 2  |
| loving      | 1  |
| lovely      | 4  |
| maid        | 7  |
| maiden      | 13 |
| maidenhood  | 1  |
| malt        | 1  |
| man         | 7  |
| men         | 1  |
| meek        | 1  |
| mischievous | 1  |
| miss        | 4  |
| Miss S.     | 1  |
| modesty     | 1  |
| mother      | 2  |
| myself      | 3  |
| neat        | 2  |
| necessity   | 2  |
| nice        | 11 |
| niece       | 2  |
| noise       | 1  |
| Pelar       | 1  |
| person      | 18 |
| petticoats  | 1  |
| play        | 2  |
| pleasure    | 4  |
| pretty      | 29 |
| pupil       | 1  |
| quick       | 1  |
| rarely      | 1  |
| running     | 1  |
| saucy       | 1  |

|            |    |
|------------|----|
| school     | 19 |
| servant    | 3  |
| sex        | 4  |
| shirk      | 1  |
| silly      | 4  |
| sister     | 6  |
| sixteen    | 2  |
| skirts     | 1  |
| slender    | 1  |
| slight     | 1  |
| slim       | 1  |
| small      | 8  |
| smart      | 1  |
| smartness  | 1  |
| student    | 1  |
| studious   | 1  |
| study      | 3  |
| stylish    | 1  |
| summer     | 1  |
| sweet      | 4  |
| sweetness  | 1  |
| sweetheart | 2  |

|             |   |
|-------------|---|
| talks       | 1 |
| tall        | 4 |
| thoughtless | 1 |

|        |   |
|--------|---|
| ugly   | 1 |
| useful | 1 |

|        |   |
|--------|---|
| vanity | 1 |
| virgin | 2 |

|       |    |
|-------|----|
| walk  | 1  |
| water | 1  |
| weak  | 2  |
| white | 1  |
| wife  | 1  |
| woman | 61 |

|           |    |
|-----------|----|
| young     | 31 |
| youngster | 1  |
| youth     | 24 |

#### 41. HIGH

|          |    |
|----------|----|
| above    | 9  |
| air      | 5  |
| Alps     | 1  |
| altitude | 14 |
| ascend   | 1  |

bank 1  
beam 1  
beanstalk 1  
big 3  
bridge 1  
building 24  
buildings 2

Cathedral 1  
ceiling 4  
chair 2  
church 2  
cliff 1  
climb 1  
climbing 1  
clouds 7

deep 5  
depth 4  
dimension 1  
distance 11  
distant 3  
dizzy 2

elevated 11  
elevation 2  
erect 1  
exalted 2  
extended 1

fall 3  
falling 2  
far 1  
fast 1  
fear 2  
feet 1  
fence 3  
first 1

giant 2  
great 1

hat 1  
heaven 1  
heavens 3  
heavenward 1  
height 14  
hill 20  
hills 4  
hot 1  
house 24  
houses 1

ideal 1  
ideas 1  
immense 1

jump 2

kite 1

ladder 2

large 5

length 7

lighthouse 1

lofty 20

long 7

low 328

magnificent 1

man 1

mast 2

measure 1

medium 3

Metropolitan 1

mind 1

monument 2

mount 1

mountain 157

mountains 16

myself 1

notion 1

peak 4

pine 1

pinnacle 1

play 1

pole 8

power 1

precipice 3

reach 2

rich 1

rocky 1

roof 3

room 1

see 1

shallow 1

short 3

skies 1

sky 17

skyscraper 2

small 1

soft 1  
spire 1  
staff 1  
stand 1  
steep 13  
steeple 12  
stick 1  
stone 1  
summit 1  
swing 2

tall 57  
temperature 1  
temple 1  
top 5  
tower 12  
tree 19  
trees 4

up 26  
upward 1

valley 1  
vision 1

wall 5  
waves 1  
wind 2  
woman 1

## 42. WORKING

accomplish 1  
accomplishment 1  
active 3  
activity 1  
always 1  
ambition 1  
ambitious 5  
anxious 1  
apron 1  
attendant 1

bent 1  
book 1  
boy 2  
broom 2  
business 6  
busy 51

carpenter 1

|              |    |
|--------------|----|
| class        | 3  |
| comfort      | 1  |
| complication | 1  |
| content      | 2  |
| continually  | 2  |
| continuous   | 1  |
| cooking      | 1  |
|              |    |
| day          | 6  |
| difficult    | 1  |
| digging      | 1  |
| diligence    | 1  |
| discomfort   | 1  |
| do           | 2  |
| doing        | 10 |
| done         | 1  |
| drawing      | 1  |
| driving      | 1  |
| drudge       | 1  |
| dusting      | 1  |
| duties       | 1  |
| duty         | 2  |
|              |    |
| earning      | 2  |
| ease         | 2  |
| easiness     | 1  |
| easy         | 4  |
| eating       | 2  |
| effort       | 1  |
| employed     | 10 |
| employers    | 1  |
| employment   | 4  |
| energetic    | 2  |
| energy       | 3  |
| engaged      | 2  |
| English      | 1  |
| essay        | 1  |
| exercise     | 15 |
| exercising   | 1  |
| exertion     | 3  |
|              |    |
| factory      | 3  |
| fair         | 2  |
| faithfully   | 1  |
| farm         | 1  |
| fast         | 1  |
| father       | 3  |
| fatigue      | 7  |
| fatigued     | 2  |
| field        | 1  |
| flowers      | 1  |
| foundry      | 1  |
| function     | 1  |

|               |     |
|---------------|-----|
| girl          | 2   |
| good          | 4   |
| hammer        | 2   |
| hands         | 3   |
| happiness     | 1   |
| hard          | 105 |
| health        | 2   |
| healthy       | 1   |
| hoeing        | 1   |
| horse         | 2   |
| hour          | 1   |
| house         | 1   |
| idle          | 44  |
| idleness      | 10  |
| idling        | 2   |
| inconvenience | 1   |
| indolent      | 1   |
| industrious   | 13  |
| industry      | 8   |
| intelligent   | 1   |
| interest      | 1   |
| Italian       | 2   |
| job           | 1   |
| keeping       | 1   |
| labor         | 147 |
| laboring      | 20  |
| labors        | 1   |
| laborer       | 5   |
| lack          | 1   |
| ladies        | 1   |
| late          | 1   |
| laziness      | 2   |
| lazy          | 18  |
| leisure       | 1   |
| Lillie        | 1   |
| little        | 1   |
| live          | 1   |
| livelihood    | 2   |
| living        | 5   |
| loaf          | 1   |
| loafing       | 5   |
| loafer        | 1   |
| lounging      | 1   |
| machine       | 2   |
| machinery     | 1   |
| machinist     | 1   |
| making        | 1   |

|              |    |
|--------------|----|
| man          | 50 |
| men          | 6  |
| model        | 1  |
| money        | 4  |
| morning      | 1  |
| motion       | 3  |
| movement     | 2  |
| moving       | 5  |
| mowing       | 1  |
| myself       | 2  |
| necessary    | 4  |
| necessity    | 1  |
| neighbor     | 1  |
| never        | 1  |
| night        | 1  |
| noble        | 1  |
| nothing      | 1  |
| nursing      | 1  |
| obstetrics   | 1  |
| occupation   | 13 |
| occupied     | 1  |
| occupy       | 1  |
| order        | 2  |
| paid         | 1  |
| patients     | 1  |
| people       | 5  |
| person       | 2  |
| perspiration | 1  |
| play         | 8  |
| playing      | 22 |
| pleasant     | 1  |
| pleasure     | 4  |
| plow         | 1  |
| plowing      | 1  |
| policy       | 1  |
| position     | 1  |
| possession   | 1  |
| prosperous   | 1  |
| quick        | 1  |
| railroad     | 1  |
| reading      | 1  |
| recreation   | 1  |
| rest         | 17 |
| resting      | 24 |
| result       | 1  |
| rowing       | 1  |
| running      | 3  |

|              |    |
|--------------|----|
| salary       | 1  |
| satisfaction | 1  |
| saving       | 1  |
| school       | 6  |
| scrubbing    | 3  |
| servant      | 2  |
| setting      | 1  |
| sewing       | 7  |
| shirking     | 2  |
| shop         | 7  |
| shorthand    | 1  |
| sickness     | 1  |
| singing      | 1  |
| sitting      | 3  |
| slave        | 4  |
| slavery      | 1  |
| slaving      | 1  |
| sleep        | 2  |
| sleeping     | 8  |
| slow         | 1  |
| smart        | 1  |
| starving     | 1  |
| steady       | 2  |
| stenographer | 1  |
| strenuous    | 2  |
| struggle     | 1  |
| study        | 5  |
| studying     | 5  |
| sweep        | 1  |
| sweeping     | 3  |
| swift        | 1  |
| table        | 1  |
| task         | 2  |
| thinking     | 1  |
| thought      | 1  |
| time         | 1  |
| tired        | 28 |
| tiresome     | 3  |
| tiring       | 1  |
| to-day       | 1  |
| toil         | 7  |
| toiling      | 8  |
| tools        | 2  |
| treadmill    | 1  |
| trouble      | 1  |
| trying       | 2  |
| typewriter   | 1  |
| unemployed   | 2  |
| useful       | 2  |
| wages        | 4  |

|             |   |
|-------------|---|
| walking     | 2 |
| washerwoman | 1 |
| washing     | 5 |
| weariness   | 1 |
| willing     | 2 |
| woman       | 2 |
| work        | 1 |
| workman     | 1 |
| world       | 1 |
| writing     | 2 |

### 43. SOUR

|            |    |
|------------|----|
| acetic     | 1  |
| acid       | 23 |
| acid       | 1  |
| anger      | 1  |
| angry      | 1  |
| apple      | 27 |
| apples     | 10 |
| astringent | 1  |

|            |    |
|------------|----|
| bad        | 6  |
| beer       | 1  |
| bitter     | 70 |
| bitterness | 1  |

|          |   |
|----------|---|
| cherries | 3 |
| cider    | 2 |
| cross    | 1 |
| crowd    | 1 |
| currants | 1 |

|              |    |
|--------------|----|
| dangerous    | 1  |
| death        | 1  |
| delight      | 1  |
| disagreeable | 18 |
| dislike      | 1  |
| disposition  | 3  |
| distasteful  | 4  |
| drink        | 1  |

|        |   |
|--------|---|
| face   | 1 |
| flavor | 1 |
| fruit  | 3 |

|          |    |
|----------|----|
| gall     | 1  |
| good     | 4  |
| goodness | 1  |
| grape    | 3  |
| grapes   | 36 |

|            |     |
|------------|-----|
| grapefruit | 2   |
| green      | 1   |
| hate       | 1   |
| hurts      | 1   |
| juice      | 1   |
| kraut      | 2   |
| lemon      | 78  |
| lemons     | 17  |
| lime       | 1   |
| man        | 1   |
| milk       | 31  |
| nasty      | 3   |
| naturally  | 1   |
| nice       | 3   |
| no         | 1   |
| nourishing | 1   |
| odor       | 1   |
| orange     | 2   |
| painful    | 1   |
| persimmon  | 1   |
| pickle     | 15  |
| pickles    | 20  |
| pleasant   | 1   |
| plum       | 1   |
| plums      | 1   |
| pucker     | 3   |
| quince     | 3   |
| rancid     | 1   |
| repulsive  | 1   |
| rhubarb    | 5   |
| rough      | 1   |
| salt       | 2   |
| salty      | 1   |
| sauerkraut | 2   |
| sear       | 1   |
| sharp      | 2   |
| soft       | 1   |
| song       | 1   |
| spoiled    | 1   |
| stomach    | 1   |
| sugar      | 2   |
| sweet      | 349 |

tart 17  
taste 55  
tasting 2  
tasteless 2  
teeth 1  
turned 1  
twinge 1

ugly 4  
unhappy 1  
unpalatable 3  
unpleasant 16  
unpleasantness 1  
unsweetened 1

vinegar 91

wholesome 1  
wine 1

#### 44. EARTH

agriculture 1  
air 3  
ashes 1

ball 4  
beautiful 3  
big 2  
black 7  
body 1  
broken 2  
brown 17  
building 1

cemetery 1  
clay 71  
climate 1  
cloud 1  
coffin 1  
cold 2  
color 1  
Columbus 2  
continent 1  
corn 2  
country 2  
cover 1  
creation 1  
crunching 1

|            |     |
|------------|-----|
| crushed    | 1   |
| crust      | 5   |
| damp       | 5   |
| dark       | 10  |
| delve      | 1   |
| depth      | 2   |
| dig        | 1   |
| digging    | 2   |
| dirt       | 115 |
| dirty      | 4   |
| dogs       | 1   |
| dry        | 4   |
| dust       | 9   |
| farm       | 3   |
| farming    | 1   |
| fence      | 1   |
| fertile    | 1   |
| fertilized | 1   |
| field      | 4   |
| fields     | 1   |
| flag       | 1   |
| floor      | 3   |
| flower     | 1   |
| flowers    | 8   |
| foot       | 1   |
| foundation | 1   |
| fresh      | 1   |
| fruitful   | 1   |
| Fuller's   | 1   |
| garden     | 8   |
| geranium   | 1   |
| globe      | 16  |
| grain      | 2   |
| grand      | 1   |
| grass      | 11  |
| grave      | 3   |
| gravel     | 2   |
| gravity    | 1   |
| great      | 2   |
| green      | 3   |
| greenhouse | 1   |
| ground     | 166 |
| growth     | 1   |
| habitation | 2   |
| hard       | 4   |
| heaven     | 31  |
| heavens    | 1   |
| heavy      | 2   |
| hell       | 1   |

|             |    |
|-------------|----|
| hemisphere  | 1  |
| home        | 3  |
| house       | 1  |
| huge        | 1  |
| inhabitable | 1  |
| land        | 28 |
| large       | 7  |
| level       | 1  |
| live        | 3  |
| living      | 2  |
| loam        | 3  |
| lot         | 1  |
| low         | 2  |
| man         | 1  |
| map         | 2  |
| Mars        | 3  |
| mass        | 1  |
| material    | 1  |
| matter      | 1  |
| metal       | 1  |
| mine        | 1  |
| mineral     | 1  |
| moist       | 3  |
| moon        | 11 |
| mother      | 6  |
| mould       | 2  |
| mouldy      | 1  |
| mountain    | 4  |
| mountains   | 2  |
| mud         | 16 |
| nature      | 4  |
| object      | 1  |
| ocean       | 1  |
| one         | 1  |
| orange      | 1  |
| paradise    | 1  |
| place       | 1  |
| planet      | 17 |
| plant       | 2  |
| plants      | 5  |
| planting    | 1  |
| pleasure    | 1  |
| potential   | 1  |
| productive  | 1  |
| put         | 1  |
| rain        | 1  |

|            |    |
|------------|----|
| rampart    | 1  |
| rest       | 1  |
| revolution | 1  |
| rich       | 4  |
| river      | 1  |
| road       | 1  |
| rock       | 2  |
| rocks      | 2  |
| round      | 61 |
| roundness  | 1  |

|           |    |
|-----------|----|
| sand      | 5  |
| sky       | 81 |
| smelly    | 1  |
| smooth    | 3  |
| sod       | 2  |
| soft      | 5  |
| soil      | 37 |
| solid     | 1  |
| solidity  | 2  |
| space     | 1  |
| sphere    | 4  |
| star      | 1  |
| stone     | 2  |
| stones    | 2  |
| street    | 1  |
| substance | 1  |
| sun       | 4  |
| surface   | 3  |

|        |   |
|--------|---|
| travel | 1 |
| tree   | 4 |
| trees  | 5 |

|           |   |
|-----------|---|
| unfertile | 1 |
| universe  | 8 |

|           |   |
|-----------|---|
| vastness  | 1 |
| vegetable | 1 |

|       |    |
|-------|----|
| walk  | 3  |
| water | 10 |
| wide  | 1  |
| wood  | 1  |
| world | 46 |
| worm  | 5  |
| worms | 2  |

#### 45. TROUBLE

|            |   |
|------------|---|
| accident   | 2 |
| affliction | 4 |

aggravation 3  
anger 6  
angry 6  
anguish 1  
annoy 1  
annoyed 2  
annoyance 5  
anxiety 15  
avoid 2

bad 11  
begins 1  
black 1  
borrowed 1  
borrows 1  
bother 4  
bothered 2  
bothersome 1  
brains 1  
brewing 1  
broke 1  
burden 1  
burdens 1  
business 1  
busy 1

calm 1  
calmness 1  
care 27  
cares 3  
careless 1  
children 4  
college 1  
comfort 6  
comforts 1  
comfortable 1  
coming 2  
consequences 1  
contented 2  
contentment 1  
court 1  
cry 1  
crying 1

danger 6  
darkness 1  
day 1  
death 16  
deep 2  
despair 2  
difficult 1  
difficulties 1

difficulty 1  
disagreeable 1  
disagreement 2  
disappoint 1  
disaster 3  
discomfort 7  
discontent 2  
disease 3  
dislike 2  
disobedience 1  
displeased 1  
displeasing 1  
displeasure 2  
dissatisfactory 1  
distress 7  
disturbed 2  
doctor 1  
dogs 1

ease 4  
easiness 1  
easy 1  
ended 1  
enemies 1  
enemy 1  
error 1  
everywhere 1  
exams 1  
excited 1  
excitement 2

family 3  
father 1  
fear 3  
feeling 1  
few 1  
fight 5  
fighting 2

flunking 1  
fret 1  
friends 1  
fun 1  
funeral 1  
fuss 3

girl 2  
gossip 2  
great 2  
grief 26

handkerchief 1

|                  |    |
|------------------|----|
| happiness        | 19 |
| happy            | 8  |
| hard             | 5  |
| hardship         | 6  |
| harm             | 1  |
| health           | 3  |
| heart            | 1  |
| heaviness        | 1  |
| hemorrhage       | 1  |
| home             | 2  |
| horror           | 1  |
| horse            | 1  |
| hurried          | 1  |
| husband          | 1  |
| idea             | 1  |
| illness          | 2  |
| imaginary        | 1  |
| inconvenience    | 2  |
| joy              | 9  |
| kindness         | 1  |
| kinds            | 1  |
| labor            | 1  |
| laugh            | 1  |
| lawyer           | 1  |
| lessons          | 1  |
| life             | 2  |
| little           | 1  |
| lonesome         | 1  |
| loss             | 1  |
| lots             | 5  |
| mad              | 2  |
| madness          | 1  |
| man              | 5  |
| many             | 1  |
| marriage         | 2  |
| me               | 2  |
| mind             | 10 |
| minded           | 1  |
| mischief         | 8  |
| miserable        | 1  |
| misery           | 14 |
| misfortune       | 6  |
| misunderstanding | 1  |
| money            | 4  |
| monotony         | 1  |
| mother           | 1  |
| Mrs. Wiggs       | 1  |
| much             | 5  |

|              |    |
|--------------|----|
| nervousness  | 1  |
| no           | 3  |
| noise        | 2  |
| none         | 4  |
| nuisance     | 1  |
|              |    |
| pain         | 20 |
| patience     | 2  |
| patient      | 2  |
| patients     | 1  |
| peace        | 15 |
| peaceful     | 3  |
| people       | 3  |
| perplexed    | 1  |
| perplexity   | 1  |
| person       | 3  |
|              |    |
| pity         | 1  |
| pleasure     | 10 |
| plenty       | 1  |
| poor         | 2  |
| poverty      | 2  |
| psychologist | 1  |
|              |    |
| quarrel      | 3  |
| quarreling   | 3  |
| quiet        | 3  |
| quietness    | 1  |
|              |    |
| release      | 1  |
| relief       | 1  |
| remorse      | 1  |
| rest         | 1  |
| reverses     | 2  |
| Romeo        | 1  |
| ruffled      | 1  |
|              |    |
| sad          | 6  |
| sadness      | 13 |
| school       | 1  |
| scrape       | 1  |
| sea          | 1  |
| seldom       | 1  |
| sereneness   | 1  |
| shadow       | 1  |
| ship         | 1  |
| shooting     | 1  |
| sickness     | 47 |
| simple       | 1  |
| sin          | 1  |
| sleep        | 1  |
| sometimes    | 1  |

sorrow 202  
sorrows 1  
sorrowful 4  
sport 1  
squabble 1  
study 1  
suffer 1  
suffering 1  
sweetener 1  
sympathy 2

table 1  
task 1  
tears 9  
teasing 1  
temper 1  
temptation 1  
thought 2  
thoughts 1  
torment 1  
travel 1  
trial 1  
trials 3  
troublesome 5

ugly 1  
unavoidable 1  
uncertainty 1  
uncomfortable 2  
uneasiness 6  
uneasy 6  
unfortunate 2  
unhappiness 13  
unhappy 8  
unlucky 1  
unnecessary 2  
unpleasant 6  
unpleasantness 3  
unrest 1  
unsafe 1  
unsatisfactory 2  
unsettled 1  
upset 2

want 1  
war 2  
weak 1  
weary 3  
weeping 2  
welfare 1  
woe 1  
woman 5  
women 1

|           |    |
|-----------|----|
| work      | 8  |
| worked    | 1  |
| working   | 1  |
| worried   | 3  |
| worries   | 2  |
| worry     | 65 |
| worrying  | 1  |
| worriment | 5  |
| wrinkles  | 2  |
| wrong     | 2  |
| <br>      |    |
| yesterday | 1  |
| youth     | 1  |

#### 46. SOLDIER

|            |     |
|------------|-----|
| academy    | 1   |
| armlet     | 1   |
| army       | 137 |
| arms       | 3   |
| Arnold     | 1   |
| artillery  | 2   |
| <br>       |     |
| baseball   | 1   |
| battle     | 8   |
| bayonet    | 1   |
| blood      | 1   |
| blue       | 1   |
| boy        | 23  |
| boys       | 1   |
| brave      | 46  |
| braveness  | 1   |
| bravery    | 8   |
| Brazilian  | 1   |
| brother    | 1   |
| buttons    | 2   |
| <br>       |     |
| cadet      | 4   |
| camp       | 2   |
| cannon     | 2   |
| cap        | 1   |
| captain    | 8   |
| cavalry    | 3   |
| citizen    | 14  |
| civilian   | 3   |
| clothes    | 1   |
| colonel    | 1   |
| command    | 6   |
| commanding | 1   |
| commander  | 3   |
| costume    | 1   |
| country    | 4   |

|            |    |
|------------|----|
| courage    | 5  |
| danger     | 1  |
| defender   | 2  |
| defense    | 1  |
| discipline | 2  |
| disliked   | 1  |
| double     | 1  |
| drill      | 2  |
| drums      | 1  |
| duty       | 4  |
| enemy      | 1  |
| England    | 1  |
| English    | 1  |
| erect      | 3  |
| fellow     | 1  |
| fight      | 17 |
| fights     | 1  |
| fighter    | 12 |
| fighting   | 12 |
| firearm    | 1  |
| fort       | 2  |
| fortune    | 1  |
| general    | 4  |
| Germany    | 1  |
| glory      | 1  |
| good       | 3  |
| Grant      | 1  |
| guard      | 8  |
| guardian   | 1  |
| guardsman  | 1  |
| gun        | 27 |
| guns       | 2  |
| helmet     | 1  |
| hero       | 8  |
| him        | 1  |
| hobo       | 1  |
| home       | 1  |
| hurt       | 1  |
| infantry   | 2  |
| jacky      | 1  |
| Jim        | 1  |
| king       | 1  |
| lieutenant | 5  |

|             |     |
|-------------|-----|
| male        | 3   |
| man         | 189 |
| men         | 4   |
| manly       | 1   |
| march       | 12  |
| marching    | 5   |
| marine      | 1   |
| marshal     | 2   |
| mechanic    | 2   |
| military    | 17  |
| militia     | 3   |
| murder      | 1   |
| music       | 1   |
| musket      | 2   |
|             |     |
| N.          | 1   |
| nation      | 1   |
| national    | 1   |
| navy        | 2   |
| necessary   | 1   |
| nobility    | 1   |
|             |     |
| obedience   | 1   |
| obey        | 1   |
| officer     | 12  |
| officers    | 1   |
| order       | 1   |
| orderly     | 2   |
|             |     |
| patriot     | 5   |
| patriotic   | 1   |
| patriotism  | 1   |
| person      | 3   |
| Philippines | 1   |
| police      | 1   |
| policeman   | 6   |
| protection  | 1   |
| protector   | 2   |
| proud       | 1   |
|             |     |
| red         | 4   |
| redcoat     | 1   |
| regiment    | 1   |
| regular     | 2   |
| respectable | 1   |
| Richmond    | 1   |
| rifle       | 3   |
|             |     |
| sailor      | 58  |
| sailors     | 1   |
| salute      | 1   |
| sentry      | 1   |

servant 1  
service 1  
show 1  
sick 1  
single 1  
smart 1  
sorrow 1  
stateliness 1  
store 1  
straight 3  
strength 1  
stremious 1  
strict 1  
strong 4  
sword 2

tall 2  
tent 1  
tin 4  
training 1  
travel 1  
troop 1  
troops 1

uniform 39  
United States 1  
upright 3  
uprightness 1

valiant 1  
veteran 3  
volunteer 3

war 94  
warfare 1  
warrior 12  
West Point 8  
widow 2  
work 2

#### 47. CABBAGE

away 1  
  
bad 1  
beans 2  
beef 11  
beet 1  
beets 2  
boiled 1  
broth 1  
bud 1

|              |    |
|--------------|----|
| bunchy       | 1  |
| carrot       | 2  |
| carrots      | 1  |
| catsup       | 1  |
| cauliflower  | 17 |
| cigar        | 1  |
| cold-slaw    | 1  |
| cook         | 1  |
| cooking      | 4  |
| corn         | 1  |
| cucumbers    | 1  |
| cut          | 1  |
| decayed      | 1  |
| disagreeable | 1  |
| dish         | 2  |
| dislike      | 1  |
| dinner       | 4  |
| eat          | 30 |
| eating       | 6  |
| eatable      | 6  |
| eatables     | 3  |
| farm         | 11 |
| farming      | 1  |
| field        | 3  |
| fields       | 2  |
| fine         | 1  |
| flower       | 4  |
| fond         | 22 |
| fruit        | 7  |
| garden       | 43 |
| German       | 1  |
| Germans      | 1  |
| goat         | 1  |
| good         | 13 |
| green        | 44 |
| greens       | 2  |
| ground       | 3  |
| grow         | 1  |
| grows        | 1  |
| growing      | 2  |
| growth       | 1  |
| ham          | 1  |
| hard         | 3  |
| head         | 30 |
| heads        | 1  |
| healthy      | 1  |
| heavy        | 2  |

|             |    |
|-------------|----|
| herb        | 1  |
| home        | 1  |
| horrid      | 2  |
| indigestion | 8  |
| kale        | 1  |
| kraut       | 2  |
| large       | 3  |
| leaf        | 2  |
| leaves      | 11 |
| letters     | 11 |
| lot         | 1  |
| meal        | 2  |
| meat        | 8  |
| Mrs. Wiggs  | 2  |
| mustard     | 1  |
| nice        | 1  |
| nothing     | 1  |
| odor        | 2  |
| onion       | 2  |
| onions      | 3  |
| paper       | 1  |
| parsley     | 1  |
| patch       | 16 |
| plant       | 48 |
| plants      | 3  |
| plantation  | 1  |
| planted     | 1  |
| planting    | 1  |
| plate       | 1  |
| pork        | 5  |
| potato      | 5  |
| potatoes    | 18 |
| purple      | 1  |
| quart       | 1  |
| rabbit      | 2  |
| red         | 3  |
| rose        | 2  |
| round       | 4  |
| salad       | 5  |
| sauerkraut  | 17 |
| slaw        | 2  |
| smell       | 11 |
| soapy       | 1  |

|             |     |
|-------------|-----|
| solid       | 2   |
| soup        | 2   |
| sour        | 4   |
| spice       | 1   |
| spinach     | 1   |
| sprouts     | 1   |
| stalk       | 3   |
| stew        | 1   |
| stinking    | 1   |
| strong      | 1   |
| sustenance  | 1   |
| sweet       | 3   |
| taste       | 3   |
| tender      | 1   |
| tomato      | 2   |
| tomatoes    | 2   |
| turnip      | 20  |
| turnips     | 6   |
| unnecessary | 1   |
| unwholesome | 1   |
| Valhalla    | 1   |
| vegetable   | 294 |
| vegetables  | 10  |
| vinegar     | 4   |
| Virginia    | 1   |
| white       | 1   |

#### 48. HARD

|            |    |
|------------|----|
| adamant    | 2  |
| apple      | 3  |
| apples     | 1  |
| bad        | 2  |
| ball       | 5  |
| baseball   | 1  |
| bed        | 1  |
| bench      | 1  |
| blackboard | 1  |
| board      | 6  |
| boards     | 2  |
| bone       | 1  |
| bread      | 1  |
| break      | 1  |
| brick      | 12 |
| brittle    | 2  |
| bullet     | 2  |

cabbage 2  
callous 1  
candy 2  
can't 1  
chair 3  
character 1  
coal 7  
coarse 1  
cold 1  
crystallized 1

dense 1  
diamond 3  
difficult 5  
disagreeable 1  
do 1  
durability 1

earth 1  
earthen 1  
easy 17  
egg 7  
eggs 1  
examination 2

fare 1  
farmer 1  
faery 1  
feeling 4  
firm 11  
firmness 7  
fist 1  
flint 1  
floor 10  
formidable 1  
fruit 1

glass 2  
glittering 1  
gold 1  
good 2  
granite 1  
ground 2

hammer 1  
harsh 2  
heart 2  
hearted 2  
heavy 2  
hickory 1  
hurt 1

ice 8

|                |    |
|----------------|----|
| immovable      | 1  |
| impenetrable   | 1  |
| indestructible | 1  |
| individual     | 1  |
| indurated      | 1  |
| inflexible     | 1  |
| injustice      | 1  |
| icksome        | 1  |
| iron           | 44 |
| kind           | 1  |
| labor          | 1  |
| lead           | 2  |
| lesson         | 2  |
| lignum-vitae   | 1  |
| life           | 2  |
| low            | 1  |
| hick           | 3  |
| maple          | 1  |
| marble         | 3  |
| mathematics    | 1  |
| mean           | 2  |
| medium         | 2  |
| metal          | 5  |
| murder         | 1  |
| mush           | 1  |
| nail           | 1  |
| nails          | 1  |
| natural        | 1  |
| nut            | 1  |
| nuts           | 1  |
| oak            | 1  |
| opaque         | 1  |
| pavement       | 2  |
| perplexing     | 1  |
| physics        | 1  |
| piano          | 1  |
| principle      | 1  |
| pulpy          | 1  |
| quality        | 1  |
| questions      | 1  |
| raining        | 1  |
| resistance     | 4  |
| resistant      | 1  |
| rigid          | 1  |

road 1  
rock 38  
rocks 4  
rocky 1  
rough 11

saltpetre 1  
severe 1  
sidewalk 1  
smooth 15  
soft 367  
solid 15  
stale 1  
steel 14  
stick 1  
stingy 1  
stone 102  
stones 1  
stony 1  
stove 2  
strength 1  
strong 4  
stuff 1  
substance 6

table 5  
tack 1  
thick 1  
tight 1  
touch 2  
tough 12  
tree 2  
trouble 1  
turnip 1

unbreakable 5  
uncomfortable 5  
uneasy 1  
unimpressible 1  
unpleasant 2  
unpliable 1  
unripe 1  
unyielding 1  
uselessness 1

very 1

walnuts 1  
water 2  
wisdom 1  
wood 66  
work 19  
working 2

## 49. EAGLE

|             |     |
|-------------|-----|
| air         | 3   |
| altitude    | 1   |
| America     | 7   |
| American    | 12  |
| animal      | 4   |
| aspiring    | 1   |
| <br>        |     |
| bald        | 1   |
| beak        | 8   |
| beast       | 2   |
| bill        | 2   |
| bird        | 568 |
| birds       | 6   |
| birdie      | 1   |
| black       | 1   |
| butterfly   | 1   |
| buzzard     | 2   |
| <br>        |     |
| carnivorous | 1   |
| carrion     | 1   |
| chickens    | 1   |
| claws       | 2   |
| clouds      | 1   |
| contour     | 1   |
| crag        | 1   |
| crow        | 3   |
| cruelty     | 1   |
| <br>        |     |
| dollar      | 4   |
| dove        | 5   |
| <br>        |     |
| eggs        | 1   |
| emblem      | 8   |
| eye         | 12  |
| eyed        | 1   |
| eyry        | 1   |
| <br>        |     |
| falcon      | 1   |
| feathers    | 7   |
| fierce      | 1   |
| flag        | 2   |
| flies       | 6   |
| flight      | 22  |
| flint       | 1   |
| fly         | 46  |
| flying      | 23  |
| flyer       | 2   |
| fowl        | 3   |
| freedom     | 3   |

glare 1  
glorious 1  
golden 2  
graceful 1  
gray 1  
great 1

hawk 18  
height 1  
high 21

insect 1  
insignium 1

keen 1  
king 4

large 9  
lark 1  
liberty 1  
lofty 2

might 2  
mountain 14  
mountains 8

nest 12

owl 4

paper 3  
parrot 1  
partridge 1  
peacock 1  
pigeon 2  
power 2  
prey 5

quail 1  
quarry 1

robin 1  
rock 1

scarce 1  
sharp 3  
sight 1  
sky 2  
sly 2  
soar 5  
soars 3

|               |    |
|---------------|----|
| soaring       | 14 |
| solitude      | 1  |
| space         | 1  |
| sparrow       | 6  |
| sport         | 1  |
| spread        | 1  |
| strength      | 11 |
| strong        | 3  |
| sun           | 1  |
| swallow       | 3  |
| swan          | 1  |
| swift         | 4  |
| swiftness     | 1  |
| sword         | 1  |
| <br>          |    |
| talon         | 1  |
| talons        | 1  |
| tern          | 1  |
| Times         | 1  |
| turkey        | 1  |
| <br>          |    |
| United States | 2  |
| <br>          |    |
| vulture       | 3  |
| <br>          |    |
| wing          | 8  |
| wings         | 16 |
| <br>          |    |
| young         | 1  |
| <br>          |    |
| Zoo           | 2  |

## 50. STOMACH

|          |    |
|----------|----|
| abdomen  | 32 |
| ache     | 31 |
| anatomy  | 21 |
| animal   | 2  |
| appetite | 5  |
| apples   | 1  |
| arm      | 2  |
| <br>     |    |
| back     | 1  |
| bad      | 1  |
| bag      | 7  |
| basket   | 1  |
| beast    | 2  |
| beef     | 1  |
| belly    | 6  |
| belt     | 1  |
| biology  | 1  |

|           |     |
|-----------|-----|
| body      | 99  |
| bowels    | 18  |
| brain     | 1   |
| bread     | 1   |
| breast    | 1   |
|           |     |
| cancer    | 3   |
| care      | 1   |
| careful   | 2   |
| cat       | 1   |
| cavity    | 1   |
| chart     | 1   |
| chest     | 18  |
| coil      | 1   |
| condition | 2   |
| contain   | 1   |
|           |     |
| delicate  | 1   |
| diaphragm | 1   |
| digest    | 6   |
| digesting | 1   |
| digestion | 50  |
| digestive | 3   |
| digests   | 2   |
| dinner    | 7   |
| disease   | 1   |
|           |     |
| distress  | 1   |
| doctor    | 2   |
| dress     | 1   |
| duodenum  | 1   |
| dyspepsia | 4   |
|           |     |
| eat       | 45  |
| eating    | 27  |
| empty     | 8   |
| engine    | 1   |
| excellent | 1   |
|           |     |
| face      | 1   |
| fat       | 1   |
| feed      | 1   |
| feeding   | 1   |
| feet      | 1   |
| food      | 102 |
| foot      | 2   |
| flesh     | 1   |
| frame     | 1   |
| front     | 1   |
| full      | 7   |
| function  | 1   |
|           |     |
| gastric   | 5   |

|             |    |
|-------------|----|
| Gertrude    | 1  |
| good        | 4  |
| grind       | 1  |
| grinding    | 2  |
| hand        | 2  |
| hands       | 1  |
| head        | 9  |
| health      | 5  |
| heart       | 24 |
| hog         | 1  |
| hunger      | 6  |
| hungry      | 6  |
| hurt        | 2  |
| hurts       | 1  |
| hygiene     | 1  |
| illness     | 1  |
| indigestion | 17 |
| inside      | 5  |
| interior    | 2  |
| internal    | 2  |
| intestine   | 28 |
| intestines  | 32 |
| juice       | 1  |
| large       | 4  |
| leg         | 1  |
| limb        | 1  |
| liver       | 13 |
| living      | 1  |
| lung        | 1  |
| lungs       | 3  |
| machinery   | 1  |
| man         | 5  |
| meal        | 1  |
| meals       | 1  |
| member      | 5  |
| milk        | 1  |
| mortal      | 1  |
| mouth       | 3  |
| muscle      | 1  |
| nausea      | 2  |
| necessary   | 3  |
| necessity   | 1  |
| neck        | 1  |
| nuisance    | 1  |
| object      | 1  |
| oblong      | 1  |

oesophagus 4  
organ 81  
organs 3  
overeating 1  
overloaded 1

pain 28  
part 3  
person 9  
physiology 3  
picture 1  
poor 2  
portion 1  
pouch 4  
psychology 1  
pump 3  
punch 2

receiver 1  
receptacle 3  
reservoir 2  
rest 1  
round 3

self 1  
sick 10  
sickness 7  
skin 1  
small 2  
soft 4  
sore 1  
sour 2  
specimen 1  
strong 1  
suffer 1  
suffering 1  
sustenance 1  
system 2

tender 1  
tenderness 1  
thought 1  
throat 1  
tongue 2  
trouble 25  
troubles 1  
troublesome 5  
trunk 1  
tube 3

upset 1  
useful 1

|          |   |
|----------|---|
| vessel   | 2 |
| want     | 1 |
| water    | 1 |
| weak     | 3 |
| weakness | 1 |
| work     | 1 |

## 51. STEM

|           |    |
|-----------|----|
| anything  | 1  |
| appendage | 1  |
| apple     | 43 |
| apples    | 1  |

|           |    |
|-----------|----|
| base      | 1  |
| beginning | 3  |
| blade     | 1  |
| blossom   | 3  |
| boat      | 1  |
| body      | 1  |
| brain     | 1  |
| branch    | 33 |
| branches  | 1  |
| broad     | 1  |
| broom     | 1  |
| bud       | 4  |
| bush      | 5  |
| butt      | 1  |

|            |   |
|------------|---|
| cane       | 2 |
| cherry     | 2 |
| connection | 3 |
| connects   | 1 |
| cord       | 2 |
| core       | 2 |

|           |    |
|-----------|----|
| end       | 10 |
| ending    | 1  |
| evolution | 1  |

|            |     |
|------------|-----|
| fibre      | 1   |
| fibres     | 2   |
| finger     | 1   |
| flower     | 259 |
| flowers    | 7   |
| foundation | 2   |
| fruit      | 14  |

|       |   |
|-------|---|
| grass | 1 |
|-------|---|

|            |    |
|------------|----|
| green      | 9  |
| growth     | 3  |
| handle     | 20 |
| hard       | 1  |
| head       | 1  |
| hold       | 2  |
| holding    | 1  |
| holder     | 4  |
| holes      | 1  |
| join       | 1  |
| leaf       | 96 |
| leaves     | 4  |
| leg        | 1  |
| length     | 3  |
| lettuce    | 1  |
| life       | 1  |
| light      | 2  |
| lily       | 1  |
| limb       | 4  |
| living     | 1  |
| long       | 18 |
| match      | 1  |
| necessity  | 1  |
| object     | 1  |
| offshoot   | 1  |
| organ      | 1  |
| part       | 4  |
| parts      | 1  |
| particle   | 1  |
| peach      | 2  |
| pear       | 9  |
| peduncle   | 1  |
| pencil     | 3  |
| petal      | 4  |
| pick       | 1  |
| piece      | 3  |
| pipe       | 70 |
| pit        | 1  |
| plant      | 74 |
| plow       | 1  |
| point      | 6  |
| poppy      | 1  |
| projection | 1  |
| prop       | 1  |

|       |    |
|-------|----|
| reed  | 1  |
| river | 1  |
| rod   | 1  |
| root  | 27 |
| roots | 1  |
| rose  | 21 |

|          |    |
|----------|----|
| shank    | 2  |
| short    | 6  |
| slender  | 7  |
| small    | 1  |
| smoke    | 1  |
| soft     | 1  |
| stalk    | 21 |
| steps    | 2  |
| stern    | 6  |
| stick    | 14 |
| stiff    | 1  |
| stone    | 1  |
| stop     | 1  |
| storm    | 1  |
| straight | 2  |
| support  | 8  |

|         |    |
|---------|----|
| thin    | 4  |
| thorn   | 2  |
| tide    | 2  |
| tobacco | 1  |
| top     | 1  |
| tree    | 44 |
| trees   | 2  |
| trunk   | 3  |
| twig    | 7  |

|        |   |
|--------|---|
| valve  | 1 |
| violet | 1 |
| vine   | 3 |

|         |   |
|---------|---|
| watch   | 7 |
| water   | 2 |
| weed    | 3 |
| wind    | 3 |
| winding | 2 |
| winder  | 3 |
| wood    | 4 |

## 52. LAMP

|          |   |
|----------|---|
| Aladdin  | 1 |
| arc      | 1 |
| articles | 6 |

|              |     |
|--------------|-----|
| black        | 5   |
| blaze        | 1   |
| brass        | 1   |
| bright       | 12  |
| brightness   | 3   |
| burn         | 20  |
| burning      | 10  |
| burner       | 3   |
| burns        | 1   |
|              |     |
| candle       | 13  |
| chandelier   | 2   |
| cheer        | 1   |
| chimney      | 37  |
| convenience  | 1   |
| crocery      | 1   |
|              |     |
| dangers      | 1   |
| dark         | 3   |
| darkness     | 2   |
| daylight     | 1   |
| distance     | 1   |
| dull         | 1   |
|              |     |
| electric     | 5   |
| evening      | 1   |
|              |     |
| fire         | 5   |
| flame        | 1   |
| full         | 1   |
| furniture    | 2   |
|              |     |
| gas          | 4   |
| glaring      | 1   |
| glass        | 8   |
| globe        | 7   |
|              |     |
| high         | 3   |
| home         | 1   |
| hot          | 1   |
| house        | 1   |
|              |     |
| illumination | 2   |
|              |     |
| kerosene     | 7   |
|              |     |
| lantern      | 1   |
| large        | 2   |
| library      | 1   |
| light        | 650 |
| lights       | 2   |
| lighted      | 4   |
| lighten      | 1   |

|           |    |
|-----------|----|
| lit       | 2  |
| match     | 1  |
| nickle    | 1  |
| night     | 4  |
| oil       | 49 |
| ornament  | 1  |
| petroleum | 1  |
| post      | 5  |
| pretty    | 1  |
| reading   | 2  |
| red       | 1  |
| Rochester | 1  |
| room      | 2  |
| see       | 2  |
| shade     | 37 |
| shadow    | 1  |
| small     | 1  |
| smoke     | 4  |
| smokes    | 1  |
| smoking   | 1  |
| smoky     | 1  |
| stand     | 2  |
| stove     | 1  |
| student   | 1  |
| table     | 8  |
| tall      | 1  |
| useful    | 2  |
| vessel    | 2  |
| warmth    | 1  |
| wick      | 23 |
| wisdom    | 1  |

### 53. DREAM

|          |    |
|----------|----|
| absence  | 1  |
| angel    | 1  |
| angels   | 1  |
| anger    | 1  |
| anything | 1  |
| asleep   | 6  |
| awake    | 11 |
| awaking  | 1  |

awaken 1  
awakening 3

baby 2  
bad 16  
beautiful 4  
bed 11  
bliss 3  
book 1  
boy 1

comfort 1  
consciousness 2  
conversation 1

dangerous 1  
darkness 1  
days 1  
death 2  
delusion 1  
delusions 1  
disagreeable 1  
disappointment 1  
discontent 1  
disturbance 2  
disturbing 1  
doze 1  
dread 1  
dreary 2

easy 1  
expectation 1  
experiment 1  
eyes 1

falling 2  
fancy 9  
fantasy 1  
fear 1  
feeling 1  
feelings 1  
forgotten 1  
fortune 1  
funny 1

girl 1  
good 7  
goodness 1  
grand 1  
grieving 1

hallucination 2  
happiness 3

|             |    |
|-------------|----|
| heaven      | 1  |
| home        | 3  |
| hope        | 1  |
| horrible    | 3  |
| idea        | 1  |
| illusion    | 3  |
| image       | 1  |
| imaginary   | 2  |
| imagination | 12 |
| imagine     | 5  |
| imaginings  | 1  |
| impression  | 2  |
| indigestion | 2  |
| insanity    | 1  |
| inspiration | 1  |
| kind        | 1  |
| land        | 1  |
| languid     | 2  |
| lie         | 2  |
| like        | 1  |
| love        | 2  |
| M.          | 1  |
| man         | 2  |
| mare        | 1  |
| meditate    | 1  |
| melancholy  | 1  |
| melody      | 1  |
| mesmeric    | 1  |
| mind        | 8  |
| money       | 1  |
| music       | 1  |
| nature      | 2  |
| never       | 1  |
| nice        | 3  |
| night       | 42 |
| nightmare   | 24 |
| no          | 1  |
| none        | 1  |
| nonsense    | 2  |
| object      | 1  |
| omen        | 1  |
| on          | 1  |
| opium       | 1  |
| paradise    | 1  |
| patients    | 1  |
| peace       | 1  |

|               |     |
|---------------|-----|
| peaceful      | 2   |
| phantoms      | 1   |
| picture       | 3   |
| pillow        | 1   |
| play          | 1   |
| pleasant      | 38  |
| pleasure      | 13  |
| presentiment  | 1   |
| prophesy      | 1   |
| psychology    | 1   |
| purple        | 1   |
| queer         | 1   |
| quiet         | 1   |
| realization   | 1   |
| recollection  | 1   |
| relax         | 1   |
| remember      | 1   |
| repose        | 2   |
| reposing      | 1   |
| rest          | 3   |
| restless      | 6   |
| restlessness  | 1   |
| reverie       | 2   |
| sad           | 2   |
| sadness       | 1   |
| scene         | 1   |
| second        | 1   |
| semiconscious | 1   |
| sensation     | 1   |
| sense         | 1   |
| shade         | 1   |
| shadows       | 1   |
| short         | 1   |
| sickness      | 2   |
| sight         | 1   |
| sights        | 1   |
| sleep         | 339 |
| sleeping      | 39  |
| sleepers      | 2   |
| sleeplessness | 2   |
| sleepy        | 2   |
| slept         | 1   |
| slumber       | 20  |
| something     | 1   |
| somnambulist  | 1   |
| snore         | 2   |
| soliloquy     | 1   |
| stale         | 1   |
| startling     | 1   |
| story         | 1   |

sweet 14  
  
talk 1  
terrible 1  
things 3  
think 29  
thinking 8  
thought 38  
thoughts 22  
tiring 1  
trouble 1  
true 2

uncomfortable 1  
unconscious 1  
unconsciousness 1  
uneasiness 1  
uneasy 2  
unfortunate 1  
unpleasant 5  
unpleasantness 1  
unreal 2  
unrest 2  
unstable 1

vacancy 1  
vagueness 1  
vision 48  
visions 6  
vivid 1

wake 9  
waking 1  
wander 1  
wandering 4  
weird 1  
wonder 2  
woods 1  
work 1

54. YELLOW

alive 1  
amber 2  
apple 3  
autumn 1

banana 5  
beautiful 3  
beauty 2  
becoming 1  
bird 8

|                |     |
|----------------|-----|
| black          | 24  |
| blossoms       | 1   |
| blue           | 41  |
| bright         | 23  |
| brightness     | 2   |
| brilliant      | 1   |
| brown          | 13  |
| buff           | 1   |
| butter         | 7   |
| buttercup      | 11  |
| buttercups     | 2   |
| butterfly      | 8   |
| canary         | 4   |
| cat            | 1   |
| China          | 2   |
| Chinaman       | 3   |
| Chinee         | 3   |
| Chinese        | 2   |
| chrome         | 1   |
| chrysanthemum  | 1   |
| chrysanthemums | 1   |
| cloth          | 3   |
| coarse         | 1   |
| color          | 301 |
| coloring       | 1   |
| common         | 1   |
| complexity     | 1   |
| corn           | 1   |
| cream          | 2   |
| crocus         | 1   |
| daffodil       | 3   |
| daffodils      | 3   |
| daisy          | 6   |
| dandelion      | 7   |
| dark           | 6   |
| delightful     | 1   |
| desert         | 1   |
| disagreeable   | 1   |
| dog            | 1   |
| door           | 1   |
| dream          | 1   |
| dress          | 9   |
| dresses        | 1   |
| dull           | 1   |
| ecru           | 1   |
| egg            | 1   |
| fade           | 1   |
| fancy          | 1   |

|            |    |
|------------|----|
| fence      | 1  |
| fever      | 3  |
| flag       | 4  |
| flame      | 1  |
| flower     | 38 |
| flowers    | 9  |
| fruit      | 3  |
| <br>       |    |
| G.         | 1  |
| garments   | 1  |
| gay        | 1  |
| glare      | 1  |
| gold       | 13 |
| golden     | 5  |
| goldenglow | 1  |
| goldenrod  | 5  |
| goods      | 1  |
| gorgeous   | 1  |
| grass      | 1  |
| green      | 41 |
| <br>       |    |
| hair       | 2  |
| house      | 2  |
| hue        | 1  |
| <br>       |    |
| ink        | 1  |
| <br>       |    |
| jasmine    | 2  |
| jaundice   | 3  |
| jealousy   | 6  |
| jonquil    | 1  |
| journal    | 2  |
| <br>       |    |
| kid        | 2  |
| <br>       |    |
| leaf       | 2  |
| leaves     | 1  |
| lemon      | 7  |
| light      | 14 |
| lily       | 2  |
| <br>       |    |
| maize      | 1  |
| man        | 1  |
| marigolds  | 1  |
| matter     | 1  |
| mellow     | 1  |
| melon      | 1  |
| molasses   | 1  |
| <br>       |    |
| nature     | 1  |
| nice       | 1  |
| <br>       |    |
| obnoxious  | 1  |

|              |    |
|--------------|----|
| ochre        | 1  |
| orange       | 47 |
| paint        | 5  |
| pale         | 2  |
| pansy        | 3  |
| paper        | 4  |
| peach        | 2  |
| pears        | 1  |
| pillow       | 1  |
| pink         | 13 |
| plague       | 1  |
| poppy        | 1  |
| pretty       | 4  |
| primrose     | 1  |
| pumpkin      | 2  |
| pumpkins     | 1  |
| pure         | 1  |
| purple       | 5  |
| red          | 34 |
| ribbon       | 1  |
| rose         | 9  |
| satin        | 1  |
| school       | 1  |
| sear         | 1  |
| shade        | 4  |
| silk         | 1  |
| sky          | 2  |
| soft         | 2  |
| suit         | 1  |
| sulphur      | 1  |
| sun          | 21 |
| sunflower    | 8  |
| sunlight     | 7  |
| sunshine     | 1  |
| table        | 1  |
| tan          | 2  |
| tarnish      | 1  |
| tree         | 1  |
| ugly         | 1  |
| unharmonious | 1  |
| violet       | 2  |
| wagon        | 1  |
| warm         | 1  |
| warmth       | 1  |
| wax          | 1  |
| wheat        | 1  |

white 70

## 55. BREAD

appetite 1

bake 2  
baking 4  
baker 3  
bakery 1  
biscuit 14  
biscuits 2  
blue 4  
board 1  
box 1  
breakfast 2  
brown 3  
buns 1  
butter 151

cake 15  
cheese 1  
children 1  
color 1  
common 1  
cookies 1  
corn 1  
crackers 1  
crumbs 1  
crust 6  
cut 1

daily 3  
diet 4  
dinner 6  
dish 1  
dough 26  
doughnuts 1

earn 1  
eat 148  
eating 44  
eatable 28  
eatables 6  
edible 1

feed 1  
flour 88  
food 191  
fresh 3  
fruit 2

|              |    |
|--------------|----|
| good         | 21 |
| graham       | 2  |
| grain        | 2  |
| ham          | 1  |
| hand         | 1  |
| hard         | 3  |
| heavy        | 2  |
| holes        | 1  |
| home         | 2  |
| hot          | 1  |
| hunger       | 7  |
| hungry       | 4  |
| knife        | 8  |
| life         | 23 |
| light        | 8  |
| living       | 1  |
| loaf         | 7  |
| lunch        | 1  |
| making       | 1  |
| man          | 2  |
| meal         | 1  |
| meat         | 5  |
| milk         | 1  |
| mixing       | 1  |
| necessary    | 1  |
| necessity    | 2  |
| needful      | 1  |
| nourishment  | 4  |
| oatmeal      | 1  |
| pantry       | 1  |
| pastry       | 1  |
| plate        | 1  |
| pudding      | 1  |
| roll         | 1  |
| rolls        | 2  |
| rye          | 6  |
| salt         | 1  |
| salty        | 1  |
| satisfaction | 1  |
| sister       | 1  |
| soft         | 8  |
| sour         | 1  |
| staff        | 8  |
| stale        | 3  |

strengthen 1  
substance 2  
substantial 1  
sugar 1  
sustenance 1  
sweet 4  
  
table 3  
tea 2  
toast 1  
tough 1  
  
useful 1  
  
water 9  
wheat 21  
white 15  
wholesome 1  
wine 1  
winner 1  
  
yeast 8

## 56. JUSTICE

action 2  
administered 2  
administration 1  
all 2  
always 1  
ask 1  
authority 1  
  
B. 1  
bad 1  
bed 1  
blind 3  
blindfolded 1  
body 1  
  
caught 1  
charity 1  
chastise 1  
chief 1  
clearness 1  
comfort 1  
command 3  
commanding 1  
conqueror 1  
constable 1  
court 64  
courts 2

|              |    |
|--------------|----|
| Creator      | 1  |
| crime        | 1  |
| criminal     | 1  |
| cruelty      | 2  |
| dealing      | 1  |
| deeds        | 1  |
| defying      | 1  |
| delayed      | 1  |
| demand       | 1  |
| deserved     | 1  |
| dispute      | 2  |
| distribution | 1  |
| do           | 3  |
| doing        | 2  |
| done         | 1  |
| Dr. E.       | 1  |
| duty         | 5  |
| elusive      | 1  |
| emblem       | 1  |
| employer     | 1  |
| energy       | 1  |
| equal        | 8  |
| equality     | 9  |
| equally      | 1  |
| equity       | 3  |
| even         | 2  |
| exactness    | 1  |
| execution    | 1  |
| fair         | 32 |
| fairness     | 21 |
| favor        | 1  |
| fear         | 1  |
| fine         | 1  |
| freedom      | 6  |
| friendship   | 1  |
| gift         | 1  |
| give         | 1  |
| given        | 3  |
| God          | 8  |
| godliness    | 1  |
| good         | 14 |
| goodness     | 2  |
| govern       | 1  |
| government   | 3  |
| guilty       | 1  |
| happy        | 1  |
| harm         | 1  |
| hasty        | 1  |

|            |    |
|------------|----|
| have       | 1  |
| heaven     | 1  |
| help       | 1  |
| him        | 1  |
| honest     | 5  |
| honesty    | 3  |
| honor      | 7  |
| impartial  | 1  |
| iniquity   | 1  |
| injury     | 1  |
| injustice  | 26 |
| innocent   | 1  |
| J.         | 1  |
| jail       | 2  |
| joy        | 1  |
| judge      | 91 |
| judged     | 1  |
| judgment   | 6  |
| jury       | 2  |
| just       | 5  |
| justified  | 4  |
| kindness   | 6  |
| lacking    | 1  |
| large      | 1  |
| law        | 74 |
| lawful     | 2  |
| lawyer     | 4  |
| lenient    | 2  |
| liberty    | 11 |
| lots       | 1  |
| love       | 1  |
| magistrate | 2  |
| man        | 13 |
| merciful   | 1  |
| mercy      | 23 |
| merit      | 1  |
| mind       | 1  |
| moral      | 1  |
| mother     | 1  |
| never      | 1  |
| nobility   | 1  |
| noble      | 1  |
| none       | 1  |
| nonsense   | 1  |
| obey       | 1  |
| obtain     | 1  |

|               |     |
|---------------|-----|
| oppression    | 1   |
| order         | 4   |
|               |     |
| pardon        | 1   |
| partiality    | 4   |
| peace         | 143 |
| perfect       | 1   |
| person        | 1   |
| picture       | 1   |
| Plato         | 1   |
| police        | 1   |
| policeman     | 1   |
| politics      | 1   |
| popular       | 1   |
| power         | 1   |
| privilege     | 1   |
| purity        | 1   |
|               |     |
| reason        | 1   |
| reward        | 3   |
| right         | 157 |
| righteous     | 3   |
| righteousness | 13  |
| rightly       | 1   |
| rightness     | 1   |
| rights        | 11  |
| ruler         | 1   |
|               |     |
| satisfaction  | 4   |
| satisfied     | 1   |
| satisfying    | 1   |
| scales        | 5   |
| severe        | 2   |
| severity      | 1   |
| sorrow        | 1   |
| square        | 3   |
| squareness    | 1   |
| squire        | 1   |
| statue        | 4   |
| story         | 1   |
| supreme       | 3   |
| sure          | 2   |
|               |     |
| tranquility   | 1   |
| true          | 6   |
| truth         | 14  |
| truthfulness  | 2   |
|               |     |
| unbias        | 1   |
| unfairness    | 1   |
| unhappiness   | 1   |
| unjust        | 8   |
| uprightness   | 1   |

|             |   |
|-------------|---|
| vengeance   | 1 |
| virtue      | 3 |
| well        | 2 |
| wicked      | 1 |
| willingness | 1 |
| wisdom      | 2 |
| wise        | 1 |
| work        | 2 |
| wrong       | 8 |
| yes         | 1 |
| yield       | 1 |

#### 57. BOY

|            |    |
|------------|----|
| action     | 2  |
| active     | 2  |
| activity   | 2  |
| agility    | 1  |
| animal     | 3  |
| athletic   | 3  |
| athletics  | 2  |
| baby       | 6  |
| bad        | 9  |
| ball       | 10 |
| barefoot   | 1  |
| baseball   | 5  |
| beautiful  | 1  |
| being      | 6  |
| Ben        | 1  |
| body       | 2  |
| boisterous | 1  |
| book       | 1  |
| bright     | 2  |
| brother    | 6  |
| busy       | 2  |
| cap        | 1  |
| careless   | 1  |
| Charles    | 1  |
| chicken    | 1  |
| child      | 86 |
| children   | 1  |
| class      | 1  |
| clothes    | 1  |
| clothing   | 1  |
| companion  | 2  |
| cousin     | 1  |
| curls      | 1  |

dead 1  
development 1  
dirty 2  
dog 1

Edward 1  
eighteen 1  
embryonic 1  
errand 1

fair 1  
female 3  
fight 1  
flesh 1  
foolish 1  
football 1  
Frank 1  
friend 4  
frolic 2  
fun 4  
funny 1

games 1

girl 319  
good 7  
grown 1  
growth 1  
gun 2

handsome 1  
Harry 1  
hat 1  
head 1  
hearty 1  
hero 1  
hood 2  
hoop 2  
human 9  
humanity 1

imbecile 1  
imperfect 1  
incorrigible 1  
industrious 1  
infant 2  
inhabitant 1  
innocent 1

jacket 1  
James 2

|             |     |
|-------------|-----|
| Jimmy       | 1   |
| Joe         | 1   |
| joyful      | 1   |
| jump        | 1   |
| jumper      | 1   |
| juvenile    | 2   |
| kid         | 4   |
| lad         | 7   |
| large       | 2   |
| laugh       | 1   |
| legs        | 1   |
| life        | 2   |
| little      | 3   |
| lively      | 3   |
| maid        | 1   |
| male        | 63  |
| man         | 104 |
| manhood     | 1   |
| mankind     | 1   |
| manliness   | 1   |
| manly       | 1   |
| marbles     | 1   |
| masculine   | 3   |
| master      | 2   |
| meanness    | 1   |
| Michael     | 1   |
| mischief    | 11  |
| mischievous | 7   |
| mother      | 1   |
| muscles     | 1   |
| myself      | 1   |
| naughty     | 1   |
| Ned         | 2   |
| nephew      | 1   |
| newspaper   | 1   |
| nice        | 3   |
| noise       | 7   |
| noisy       | 3   |
| nuisance    | 1   |
| obedient    | 1   |
| out         | 1   |
| pants       | 6   |
| Paul        | 1   |
| person      | 11  |
| play        | 20  |
| plays       | 1   |
| playful     | 1   |

|             |    |
|-------------|----|
| playfulness | 1  |
| pupil       | 2  |
| rough       | 6  |
| running     | 1  |
| runs        | 1  |
| scallywag   | 1  |
| scamp       | 2  |
| scholar     | 1  |
| school      | 11 |
| sex         | 4  |
| sharp       | 1  |
| shoes       | 2  |
| small       | 14 |
| smart       | 2  |
| smiles      | 1  |
| son         | 3  |
| spirit      | 1  |
| spoiled     | 1  |
| sport       | 2  |
| street      | 1  |
| strength    | 2  |
| strong      | 3  |
| suit        | 2  |
| sweetheart  | 1  |
| swimming    | 1  |
| tall        | 3  |
| terror      | 1  |
| think       | 1  |
| Thomas      | 1  |
| top         | 2  |
| toys        | 1  |
| Tracy       | 1  |
| trait       | 1  |
| tramp       | 1  |
| trouble     | 1  |
| useless     | 1  |
| water       | 1  |
| whistle     | 1  |
| whistles    | 1  |
| wicked      | 1  |
| wild        | 2  |
| wildness    | 1  |
| woman       | 2  |
| woods       | 1  |
| work        | 1  |
| working     | 1  |
| young       | 22 |

youngster 1  
youth 33  
youthful 1

## 58. LIGHT

agreeable 1  
air 8  
airy 1  
arc 1  
assistance 1  
awake 1

beacon 1  
beautiful 2  
beautifying 1  
beauty 1  
biscuit 1  
black 3  
blue 2  
bread 1  
bright 47  
brightness 21  
brilliant 3  
brown 1  
burn 2  
burning 1

candle 8  
cheer 1  
clear 2  
clearness 2  
coat 2  
color 19  
comfort 2  
complexion 1  
convenient 1  
cork 1

dark 231  
darkness 93  
dawn 2  
day 81  
daylight 2  
daytime 6  
dimness 1  
distance 1  
dress 1  
dull 1

early 2  
easy 1

|              |    |
|--------------|----|
| education    | 1  |
| electric     | 7  |
| electricity  | 8  |
| element      | 1  |
| emptiness    | 1  |
| enjoy        | 1  |
| evening      | 1  |
| eyes         | 1  |
| fair         | 1  |
| feather      | 6  |
| feathers     | 1  |
| fire         | 6  |
| flame        | 1  |
| fleshy       | 1  |
| forward      | 1  |
| fuel         | 1  |
| gas          | 21 |
| glare        | 1  |
| gleam        | 1  |
| good         | 8  |
| hair         | 2  |
| happiness    | 4  |
| health       | 1  |
| healthy      | 1  |
| hearted      | 1  |
| heat         | 8  |
| heaven       | 1  |
| heavy        | 5  |
| hills        | 1  |
| illuminate   | 1  |
| illumination | 7  |
| joy          | 1  |
| kerosene     | 1  |
| knowledge    | 1  |
| laboratory   | 1  |
| lamp         | 82 |
| lamps        | 1  |
| life         | 7  |
| long         | 1  |
| look         | 1  |
| luminous     | 1  |
| match        | 1  |
| moon         | 10 |
| morning      | 7  |

|             |    |
|-------------|----|
| nice        | 1  |
| night       | 3  |
| necessity   | 1  |
| paper       | 1  |
| pathway     | 1  |
| peaceful    | 1  |
| pink        | 1  |
| pipe        | 1  |
| placid      | 1  |
| pleasant    | 8  |
| pleasure    | 1  |
| plenty      | 1  |
| rays        | 2  |
| red         | 1  |
| reflection  | 1  |
| right       | 1  |
| room        | 3  |
| see         | 24 |
| seeing      | 3  |
| seen        | 1  |
| shade       | 8  |
| shadow      | 2  |
| shadows     | 1  |
| shine       | 2  |
| shines      | 9  |
| shining     | 2  |
| sight       | 3  |
| sign        | 1  |
| sky         | 8  |
| soft        | 1  |
| sound       | 1  |
| space       | 1  |
| splendor    | 1  |
| steam       | 1  |
| sun         | 85 |
| sunlight    | 1  |
| sunshine    | 11 |
| swift       | 1  |
| transparent | 1  |
| truth       | 1  |
| twilight    | 1  |
| ventilation | 1  |
| Vera        | 1  |
| vibration   | 1  |
| vision      | 2  |
| vivid       | 1  |
| waist       | 1  |

|           |    |
|-----------|----|
| warmth    | 2  |
| waves     | 1  |
| weak      | 1  |
| weight    | 2  |
| white     | 8  |
| whiteness | 2  |
| window    | 15 |
| world     | 1  |
| yellow    | 6  |

## 59. HEALTH

|              |    |
|--------------|----|
| action       | 1  |
| activity     | 2  |
| air          | 9  |
| athletics    | 1  |
| bad          | 5  |
| baseball     | 1  |
| beautiful    | 1  |
| beauty       | 10 |
| better       | 1  |
| blessing     | 4  |
| blood        | 1  |
| board        | 1  |
| body         | 9  |
| boon         | 1  |
| boy          | 2  |
| broad        | 1  |
| buoyancy     | 2  |
| care         | 1  |
| careful      | 1  |
| cheer        | 1  |
| circulation  | 1  |
| cleanliness  | 1  |
| climate      | 1  |
| color        | 1  |
| comfort      | 26 |
| condition    | 6  |
| constitution | 1  |
| consumption  | 1  |
| contentment  | 1  |
| convenience  | 1  |
| country      | 2  |
| desirable    | 3  |
| disease      | 9  |
| doctor       | 4  |
| eating       | 1  |

|            |     |
|------------|-----|
| enjoyment  | 5   |
| everything | 2   |
| excellent  | 1   |
| excursion  | 1   |
| exercise   | 3   |
| existence  | 1   |
| face       | 1   |
| feel       | 2   |
| feeling    | 12  |
| fine       | 1   |
| food       | 4   |
| form       | 1   |
| fortune    | 2   |
| freedom    | 1   |
| fun        | 1   |
| gift       | 3   |
| girl       | 1   |
| gladness   | 2   |
| glow       | 1   |
| golf       | 1   |
| good       | 94  |
| goodness   | 1   |
| grand      | 2   |
| gymnasium  | 1   |
| gymnastics | 1   |
| happiness  | 111 |
| happy      | 7   |
| haste      | 1   |
| healing    | 1   |
| healthful  | 1   |
| healthy    | 1   |
| heaven     | 1   |
| holiness   | 2   |
| hygiene    | 2   |
| ill        | 3   |
| illness    | 13  |
| joy        | 6   |
| life       | 5   |
| light      | 1   |
| live       | 1   |
| living     | 3   |
| luck       | 2   |
| luxury     | 1   |
| man        | 4   |
| me         | 1   |
| medicine   | 3   |

|            |     |
|------------|-----|
| merriment  | 1   |
| mother     | 1   |
| mountain   | 1   |
| moving     | 1   |
| necessary  | 1   |
| needed     | 1   |
| needful    | 1   |
| normal     | 4   |
| optimism   | 1   |
| pain       | 1   |
| perfect    | 8   |
| person     | 6   |
| physical   | 3   |
| physician  | 1   |
| physiology | 1   |
| play       | 1   |
| pleasant   | 2   |
| pleasure   | 14  |
| plenty     | 1   |
| poor       | 2   |
| preserve   | 1   |
| proper     | 1   |
| prosperity | 4   |
| quick      | 1   |
| red        | 1   |
| riches     | 3   |
| robust     | 9   |
| rose       | 1   |
| rosy       | 1   |
| round      | 1   |
| rugged     | 2   |
| self       | 1   |
| sick       | 9   |
| sickly     | 2   |
| sickness   | 153 |
| smiles     | 1   |
| sound      | 5   |
| spirit     | 1   |
| spirits    | 1   |
| state      | 1   |
| strength   | 112 |
| strengths  | 1   |
| strong     | 31  |
| sturdy     | 1   |
| success    | 1   |
| temper     | 1   |

thankful 2  
trouble 1

unhealthiness 1  
unhealthy 3  
useful 2

valuable 1  
vigor 11  
virility 1

walking 1  
want 2  
warm 1  
water 1  
weakness 1  
wealth 76  
well 63  
wholesome 1  
woman 1  
wonderful 1

youth 1

#### 60. BIBLE

academy 1  
all 1  
ancient 1

beauty 1  
belief 1  
beneficial 1  
black 2  
book 388  
books 1

catechism 1  
Christ 8  
Christian 3  
church 50  
class 3  
clean 1  
clergyman 1  
comfort 2  
command 2  
commandment 1  
commandments 2  
creed 1

devotion 1  
directions 1

|              |    |
|--------------|----|
| drama        | 1  |
| duty         | 2  |
| encyclopedia | 1  |
| excellent    | 1  |
| fable        | 1  |
| faith        | 1  |
| family       | 2  |
| Genesis      | 1  |
| glass        | 1  |
| God          | 48 |
| good         | 28 |
| goodness     | 12 |
| gospel       | 3  |
| gospels      | 1  |
| grand        | 1  |
| guide        | 1  |
| heaven       | 2  |
| heavy        | 1  |
| help         | 1  |
| history      | 26 |
| holiness     | 5  |
| holy         | 57 |
| home         | 2  |
| hope         | 1  |
| hymns        | 2  |
| instructive  | 1  |
| Jacob        | 1  |
| Jesus        | 4  |
| knowledge    | 2  |
| Koran        | 1  |
| large        | 4  |
| law          | 3  |
| leaf         | 1  |
| leaves       | 1  |
| lectern      | 1  |
| legend       | 1  |
| lie          | 2  |
| life         | 3  |
| light        | 2  |
| literature   | 2  |
| Lord         | 5  |
| love         | 2  |
| message      | 1  |
| mine         | 1  |

|             |    |
|-------------|----|
| minister    | 3  |
| Moses       | 2  |
| mother      | 1  |
| necessary   | 1  |
| noble       | 1  |
| obey        | 2  |
| open        | 1  |
| paper       | 1  |
| piety       | 1  |
| pious       | 2  |
| pray        | 3  |
| praying     | 2  |
| prayer      | 19 |
| prayers     | 7  |
| prayer-book | 13 |
| preacher    | 2  |
| preaching   | 1  |
| prophet     | 1  |
| psalms      | 4  |
| rarely      | 1  |
| read        | 31 |
| reading     | 19 |
| reformation | 1  |
| religion    | 89 |
| religious   | 4  |
| reverence   | 1  |
| righteous   | 1  |
| rot         | 3  |
| sacred      | 3  |
| Saviour     | 2  |
| school      | 2  |
| scripture   | 17 |
| scriptures  | 3  |
| sermon      | 1  |
| shelf       | 1  |
| sour        | 1  |
| stones      | 1  |
| stories     | 2  |
| story       | 4  |
| strength    | 1  |
| studies     | 2  |
| study       | 6  |
| Sunday      | 6  |
| table       | 3  |
| teach       | 1  |
| teacher     | 1  |
| teachings   | 1  |

|              |    |
|--------------|----|
| Testament    | 24 |
| text         | 4  |
| tradition    | 1  |
| true         | 2  |
| truth        | 17 |
| truthfulness | 1  |
| unnecessary  | 1  |
| useful       | 2  |
| verses       | 1  |
| weariness    | 1  |
| word         | 8  |
| words        | 1  |
| worship      | 2  |
| writ         | 1  |

## 61. MEMORY

|               |    |
|---------------|----|
| absent        | 2  |
| acquire       | 1  |
| aid           | 1  |
| analysis      | 1  |
| ancient       | 1  |
| association   | 2  |
| attention     | 1  |
| aunt          | 1  |
| back          | 1  |
| bad           | 19 |
| beautiful     | 1  |
| bird          | 1  |
| blank         | 3  |
| book          | 2  |
| books         | 3  |
| brain         | 46 |
| brains        | 5  |
| brightness    | 1  |
| bucket        | 1  |
| catechism     | 1  |
| cause         | 1  |
| charming      | 1  |
| childhood     | 4  |
| clear         | 1  |
| concentration | 2  |
| connection    | 1  |
| conscience    | 1  |
| consciousness | 2  |

dancing 1  
death 1  
debts 1  
defect 2  
defective 1  
desirable 1  
deterioration 1  
dictionary 1  
dim 1  
distant 1  
dream 1  
dreams 3  
dull 1

easy 1  
educated 1  
effort 1  
elusive 1  
English 1  
Europe 1  
events 2  
everything 1  
excellent 2  
experiment 1

faces 1  
faculty 1  
failing 1  
fails 1  
fair 4  
fancy 1  
far 1  
farther 1  
fascination 1  
faulty 1  
feeling 1  
fine 1  
fleeting 1  
fond 1  
fool 1  
forget 25  
forgetful 5  
forgetfulness 37  
forgetting 5  
forgotten 3  
forty 1  
friends 1

gone 2  
good 68  
gravestone 1  
great 1  
green 2

happiness 1  
happy 1  
head 9  
hearing 1  
history 2  
home 2  
hopefulness 1

idea 2  
image 1  
imagination 2  
impossible 1  
increase 1

intellect 7  
intelligence 5  
interpret 1  
invisible 1

joy 1

keep 1  
know 1  
knowledge 4

lack 2  
lacking 2  
language 1  
lasting 1  
learn 1  
learning 2  
lecture 1  
length 1  
lessons 2  
light 1  
long 3  
loss 1  
love 1

magnificent 1  
man 3  
marvelous 1  
me 1  
memorandum 1  
memorizing 1  
mental 4  
mind 138  
mindful 1  
mnemonics 2  
mother 1  
mud 1  
my 1

|               |    |
|---------------|----|
| myself        | 1  |
| names         | 1  |
| necessary     | 3  |
| necessity     | 1  |
| needful       | 1  |
| noble         | 1  |
| none          | 1  |
| oblivion      | 1  |
| painful       | 1  |
| past          | 8  |
| patient       | 1  |
| pen           | 1  |
| perception    | 2  |
| person        | 2  |
| picture       | 2  |
| pictures      | 1  |
| pleasantness  | 1  |
| pleasure      | 2  |
| poem          | 3  |
| poems         | 1  |
| poetry        | 7  |
| poor          | 23 |
| power         | 1  |
| psychology    | 1  |
| quick         | 1  |
| reading       | 1  |
| reason        | 1  |
| recall        | 4  |
| recalling     | 2  |
| recognition   | 3  |
| recollect     | 2  |
| recollection  | 16 |
| recollections | 3  |
| reflect       | 1  |
| remember      | 27 |
| remembering   | 4  |
| remembrance   | 18 |
| remind        | 2  |
| reminder      | 1  |
| reminiscence  | 2  |
| reminiscences | 1  |
| reproductive  | 1  |
| result        | 1  |
| retain        | 1  |
| retaining     | 2  |
| retention     | 5  |
| retentive     | 3  |
| retrospect    | 1  |

|                 |    |
|-----------------|----|
| sadness         | 1  |
| scenes          | 1  |
| scholar         | 1  |
| school          | 6  |
| sensation       | 1  |
| sense           | 5  |
| senses          | 2  |
| short           | 7  |
| simple          | 1  |
| song            | 1  |
| sound           | 2  |
| splendid        | 1  |
| stanza          | 1  |
| storehouse      | 1  |
| story           | 1  |
| strengthen      | 1  |
| strong          | 1  |
| student         | 1  |
| study           | 4  |
| studying        | 1  |
| sure            | 1  |
| sweet           | 7  |
| swift           | 1  |
| swing           | 1  |
| <br>            |    |
| teacher         | 1  |
| tender          | 1  |
| test            | 5  |
| thankful        | 1  |
| things          | 1  |
| think           | 58 |
| thinking        | 38 |
| thinks          | 1  |
| thought         | 81 |
| thoughts        | 28 |
| thoughtful      | 8  |
| thoughtfulness  | 3  |
| thoughtlessness | 1  |
| time            | 1  |
| train           | 1  |
| training        | 1  |
| tree            | 1  |
| <br>            |    |
| unconsciousness | 1  |
| understand      | 3  |
| understanding   | 6  |
| unstable        | 1  |
| useful          | 2  |
| <br>            |    |
| verses          | 2  |
| <br>            |    |
| weak            | 1  |

|           |   |
|-----------|---|
| well      | 1 |
| will      | 1 |
| wit       | 1 |
| wonderful | 1 |
| work      | 2 |
|           |   |
| youth     | 2 |

## 62. SHEEP

|         |     |
|---------|-----|
| animal  | 225 |
| animals | 18  |
| astray  | 1   |
| awkward | 1   |

|           |   |
|-----------|---|
| baa       | 1 |
| beast     | 3 |
| bed       | 1 |
| Bethlehem | 1 |
| black     | 5 |
| blind     | 1 |
| buffalo   | 1 |

|         |    |
|---------|----|
| calf    | 1  |
| calm    | 1  |
| cattle  | 47 |
| cloth   | 1  |
| country | 3  |
| cow     | 22 |
| cows    | 5  |

|       |   |
|-------|---|
| death | 1 |
| deer  | 2 |
| dirty | 2 |
| dog   | 6 |
| dogs  | 2 |
| eat   | 1 |

|         |    |
|---------|----|
| farm    | 4  |
| feed    | 1  |
| field   | 12 |
| fields  | 6  |
| fleece  | 3  |
| flesh   | 1  |
| flock   | 24 |
| flocks  | 1  |
| fold    | 4  |
| follow  | 1  |
| food    | 2  |
| foolish | 1  |
| fowl    | 1  |
| fur     | 1  |

|            |     |
|------------|-----|
| gentle     | 1   |
| gentleness | 1   |
| goad       | 1   |
| goat       | 17  |
| goats      | 10  |
| good       | 2   |
| grass      | 4   |
| graze      | 1   |
| grazing    | 5   |
| group      | 1   |
| hair       | 1   |
| harmless   | 1   |
| herd       | 4   |
| herder     | 1   |
| hill       | 1   |
| hillside   | 2   |
| horn       | 1   |
| horse      | 1   |
| humanity   | 1   |
| innocence  | 5   |
| innocent   | 2   |
| jump       | 1   |
| lamb       | 151 |
| lambs      | 36  |
| landscape  | 1   |
| large      | 2   |
| lecture    | 1   |
| lowing     | 1   |
| many       | 1   |
| meadows    | 3   |
| meat       | 5   |
| meekness   | 1   |
| mountain   | 3   |
| mutton     | 60  |
| nature     | 1   |
| oxen       | 1   |
| park       | 2   |
| pasture    | 27  |
| pastures   | 3   |
| peace      | 1   |
| peaceful   | 1   |
| pet        | 1   |
| picture    | 1   |
| pig        | 2   |

|           |     |
|-----------|-----|
| plains    | 1   |
| play      | 1   |
| pretty    | 4   |
| quadruped | 2   |
| raising   | 1   |
| ram       | 1   |
| rocks     | 1   |
| run       | 1   |
| running   | 1   |
| shear     | 1   |
| shearing  | 1   |
| shears    | 1   |
| shepherd  | 15  |
| simple    | 1   |
| sleep     | 1   |
| small     | 2   |
| soft      | 1   |
| spring    | 1   |
| stock     | 2   |
| stupidity | 1   |
| tick      | 1   |
| trust     | 1   |
| wander    | 1   |
| water     | 1   |
| white     | 18  |
| wolf      | 2   |
| wool      | 143 |
| woolly    | 10  |

### 63. BATH

|             |     |
|-------------|-----|
| baby        | 1   |
| basin       | 1   |
| bathe       | 2   |
| bathing     | 6   |
| beneficial  | 1   |
| boat        | 1   |
| boy         | 1   |
| clean       | 120 |
| cleaning    | 1   |
| cleanliness | 109 |
| cleanly     | 2   |
| cleanness   | 9   |
| cleanse     | 6   |
| cleansing   | 8   |
| cold        | 14  |

comfort 3  
cool 3  
Creal Springs 1

delight 1  
dirt 4  
dirty 5  
dry 1

English 1  
every 1

filth 1  
filthiness 1  
fine 1  
flowers 1  
fluid 1  
fresh 2

good 7

health 9  
healthful 1  
healthiness 1  
healthy 4  
hot 10  
house 4

invigorates 1  
invigorating 2

joy 1

large 1  
luxury 1

man 1  
massage 1  
morning 2

nakedness 1  
neatness 1  
necessary 5  
nice 2  
none 1

ocean 6  
often 1  
once 1

pleasant 3  
pleasure 2  
plenty 2

|             |     |
|-------------|-----|
| plunge      | 3   |
| porcelain   | 1   |
| refreshed   | 1   |
| refreshing  | 6   |
| refreshment | 1   |
| river       | 2   |
| robe        | 3   |
| room        | 6   |
| salt        | 1   |
| sanitary    | 1   |
| scrub       | 1   |
| sensation   | 1   |
| shower      | 3   |
| sleeping    | 1   |
| soap        | 13  |
| soothing    | 1   |
| sponge      | 1   |
| spray       | 4   |
| springs     | 1   |
| swim        | 10  |
| swimming    | 5   |
| take        | 1   |
| taken       | 1   |
| toilet      | 2   |
| towel       | 6   |
| towels      | 2   |
| tub         | 71  |
| vapor       | 1   |
| vessel      | 1   |
| want        | 1   |
| warm        | 3   |
| wash        | 102 |
| washing     | 16  |
| water       | 339 |
| wet         | 5   |
| wood        | 1   |
| yesterday   | 2   |

#### 64. COTTAGE

|            |   |
|------------|---|
| abode      | 2 |
| agreeable  | 1 |
| alone      | 1 |
| apartments | 1 |
| barn       | 2 |

|             |    |
|-------------|----|
| beach       | 1  |
| beautiful   | 1  |
| box         | 1  |
| brick       | 3  |
| brook       | 1  |
| brown       | 2  |
| building    | 31 |
| bungalow    | 13 |
| <br>        |    |
| cabin       | 3  |
| camp        | 1  |
| camping     | 2  |
| Cape Cod    | 1  |
| castle      | 2  |
| chair       | 1  |
| cheese      | 1  |
| city        | 3  |
| comfort     | 15 |
| contentment | 2  |
| cottage     | 1  |
| country     | 36 |
| couple      | 2  |
| cozy        | 2  |
| cute        | 1  |
| <br>        |    |
| distant     | 1  |
| door        | 2  |
| dwelling    | 23 |
| <br>        |    |
| family      | 2  |
| far         | 1  |
| farm        | 4  |
| fence       | 1  |
| field       | 6  |
| fine        | 2  |
| flowers     | 4  |
| frame       | 2  |
| <br>        |    |
| garden      | 7  |
| green       | 3  |
| <br>        |    |
| habitable   | 1  |
| habitation  | 3  |
| hamlet      | 1  |
| hammock     | 1  |
| handsome    | 1  |
| happiness   | 5  |
| happy       | 1  |
| hill        | 3  |
| home        | 85 |
| homelike    | 1  |
| homestead   | 1  |
| hope        | 1  |

|              |     |
|--------------|-----|
| hospital     | 1   |
| house        | 461 |
| houses       | 1   |
| innocence    | 1   |
| ivy          | 1   |
| lake         | 5   |
| lane         | 1   |
| large        | 1   |
| lawn         | 4   |
| little       | 4   |
| live         | 17  |
| living       | 5   |
| log          | 1   |
| loneliness   | 1   |
| love         | 4   |
| low          | 2   |
| lumber       | 1   |
| Maine        | 1   |
| mansion      | 15  |
| name         | 1   |
| neat         | 3   |
| Newburgh     | 1   |
| nice         | 4   |
| one          | 2   |
| open         | 1   |
| orchard      | 1   |
| outing       | 1   |
| painting     | 1   |
| palace       | 2   |
| personage    | 2   |
| patient      | 1   |
| patients     | 1   |
| peace        | 1   |
| people       | 1   |
| picturesque  | 1   |
| place        | 1   |
| pleasantness | 1   |
| pleasure     | 1   |
| pond         | 1   |
| porch        | 4   |
| prettiness   | 1   |
| pretty       | 3   |
| pudding      | 1   |
| reside       | 1   |
| residence    | 4   |
| resident     | 1   |

|             |    |
|-------------|----|
| resort      | 1  |
| rest        | 3  |
| river       | 1  |
| rod         | 1  |
| roof        | 3  |
| roomy       | 1  |
| roses       | 2  |
| rustic      | 1  |
| school      | 1  |
| sea         | 10 |
| seashore    | 5  |
| seaside     | 2  |
| shelter     | 6  |
| shingles    | 2  |
| shore       | 2  |
| simplicity  | 1  |
| sleep       | 1  |
| small       | 30 |
| snug        | 1  |
| stands      | 1  |
| structure   | 3  |
| summer      | 9  |
| sweet       | 1  |
| Switzerland | 1  |
| table       | 1  |
| tent        | 4  |
| thatched    | 2  |
| tower       | 1  |
| trees       | 1  |
| two         | 3  |
| unity       | 1  |
| vacation    | 2  |
| veranda     | 1  |
| villa       | 1  |
| village     | 3  |
| vine        | 1  |
| vines       | 3  |
| white       | 3  |
| window      | 2  |
| woman       | 1  |
| wood        | 11 |
| wooden      | 1  |
| woods       | 3  |
| yard        | 1  |

|            |     |
|------------|-----|
| active     | 2   |
| aeroplane  | 2   |
| ahead      | 1   |
| antelope   | 1   |
| arrow      | 13  |
| automobile | 11  |
| autos      | 1   |
| ball       | 6   |
| beauty     | 1   |
| better     | 1   |
| bicycle    | 1   |
| bird       | 16  |
| birds      | 1   |
| boat       | 1   |
| brisk      | 1   |
| brook      | 1   |
| bullet     | 3   |
| cat        | 1   |
| channel    | 1   |
| child      | 1   |
| choice     | 1   |
| clever     | 1   |
| creek      | 1   |
| current    | 7   |
| curve      | 1   |
| cutting    | 1   |
| deer       | 7   |
| degree     | 1   |
| doctor     | 1   |
| dog        | 1   |
| eagle      | 8   |
| easy       | 2   |
| engine     | 3   |
| fast       | 222 |
| fastness   | 1   |
| fear       | 1   |
| fish       | 1   |
| feet       | 5   |
| flight     | 6   |
| fly        | 3   |
| flying     | 3   |
| foot       | 1   |
| girl       | 1   |
| go         | 1   |
| going      | 1   |
| good       | 1   |

|               |     |
|---------------|-----|
| grand         | 1   |
| Greek         | 1   |
| heard         | 1   |
| hare          | 1   |
| haste         | 1   |
| hear          | 1   |
| high          | 1   |
| horse         | 28  |
| hurry         | 12  |
| hurrying      | 1   |
| Indian        | 1   |
| kite          | 1   |
| launch        | 1   |
| lazy          | 1   |
| light         | 2   |
| lightening    | 4   |
| lively        | 3   |
| man           | 1   |
| Marathon      | 1   |
| Mercury       | 1   |
| messenger     | 1   |
| meteor        | 1   |
| more          | 1   |
| morning       | 1   |
| motion        | 2   |
| motoring      | 1   |
| movement      | 2   |
| moving        | 1   |
| muscles       | 1   |
| near          | 1   |
| Niagara Falls | 1   |
| power         | 1   |
| quick         | 117 |
| quickly       | 13  |
| quickness     | 5   |
| quiet         | 1   |
| race          | 6   |
| rapid         | 27  |
| rapidity      | 2   |
| rapidly       | 2   |
| real          | 1   |
| riding        | 1   |
| river         | 18  |
| rivers        | 1   |

road 1  
rocket 1  
run 19  
running 20  
runner 18  
rushing 1

sail 1  
sharp 1  
shot 1  
sleigh 1  
slow 100  
slowly 4  
smart 16  
smartness 1  
smooth 3  
speed 29  
speedily 1  
speeding 1  
speedy 7  
spinchiled 1  
spy 2  
steam 1  
sting 1  
stone 1  
stream 8  
strong 2  
sure 2  
swallow 5  
swallows 1

throw 1  
tide 2  
time 1  
train 18  
trains 1

walking 1  
water 11  
wind 8  
work 1

## 66. BLUE

air 1  
azure 1

ball 1  
beautiful 1  
becoming 1  
bell 1  
binding 1

|               |     |
|---------------|-----|
| bird          | 5   |
| black         | 38  |
| blood         | 1   |
| blossom       | 1   |
| blotter       | 1   |
| bluebird      | 1   |
| bluing        | 2   |
| blusey        | 1   |
| book          | 1   |
| bright        | 5   |
| brown         | 8   |
| cadet         | 1   |
| chemical      | 1   |
| clock         | 1   |
| cloth         | 7   |
| clothes       | 3   |
| clothing      | 1   |
| cloud         | 1   |
| could         | 1   |
| color         | 256 |
| colors        | 2   |
| coloring      | 2   |
| dainty        | 1   |
| dark          | 24  |
| deep          | 5   |
| depth         | 1   |
| dress         | 18  |
| dull          | 1   |
| ether         | 1   |
| eyes          | 6   |
| fair          | 1   |
| feeling       | 4   |
| fidelity      | 1   |
| flag          | 6   |
| flower        | 3   |
| forget-me-not | 1   |
| gentian       | 1   |
| globe         | 1   |
| gloominess    | 2   |
| gloomy        | 2   |
| glum          | 1   |
| good          | 1   |
| grass         | 2   |
| gray          | 10  |
| green         | 54  |
| hat           | 1   |
| heaven        | 5   |

|            |     |
|------------|-----|
| heavens    | 2   |
| heavenly   | 1   |
| homesick   | 1   |
| hopeful    | 1   |
| horizon    | 1   |
| house      | 1   |
| hue        | 1   |
| indigo     | 5   |
| ink        | 6   |
| lake       | 1   |
| light      | 8   |
| lily       | 1   |
| lonesome   | 1   |
| melancholy | 2   |
| Monday     | 1   |
| navy       | 1   |
| necktie    | 1   |
| ocean      | 12  |
| paint      | 8   |
| pale       | 1   |
| paper      | 1   |
| pencil     | 1   |
| pink       | 9   |
| pleasant   | 2   |
| pleasing   | 1   |
| policeman  | 1   |
| pretty     | 4   |
| purity     | 1   |
| purple     | 2   |
| red        | 54  |
| restful    | 1   |
| ribbon     | 3   |
| river      | 1   |
| room       | 1   |
| sad        | 2   |
| sailor     | 1   |
| sea        | 7   |
| serge      | 1   |
| shade      | 2   |
| skies      | 1   |
| sky        | 239 |
| soft       | 1   |
| somber     | 1   |
| space      | 1   |
| stripes    | 1   |

|           |    |
|-----------|----|
| suit      | 1  |
| tie       | 2  |
| tint      | 1  |
| true      | 7  |
| truth     | 2  |
| turquoise | 1  |
| unhappy   | 1  |
| unrest    | 1  |
| velvet    | 1  |
| violet    | 2  |
| violets   | 3  |
| washing   | 2  |
| water     | 8  |
| white     | 47 |
| wind      | 2  |
| Yale      | 2  |
| yellow    | 27 |

#### 67. HUNGRY

|            |    |
|------------|----|
| aching     | 1  |
| ambitious  | 1  |
| angry      | 1  |
| animal     | 2  |
| appeasing  | 1  |
| appetite   | 57 |
| appetizing | 2  |
| baby       | 2  |
| bad        | 3  |
| bananas    | 1  |
| bear       | 1  |
| beggar     | 4  |
| biscuit    | 1  |
| boy        | 5  |
| bread      | 26 |
| breakfast  | 8  |
| butcher    | 1  |
| candy      | 1  |
| child      | 5  |
| children   | 5  |
| cold       | 4  |
| college    | 1  |
| country    | 1  |
| crackers   | 1  |
| crave      | 1  |

|                 |     |
|-----------------|-----|
| craving         | 7   |
| cupboard        | 1   |
| dark            | 1   |
| desirable       | 1   |
| desire          | 11  |
| devil           | 1   |
| devour          | 1   |
| dinner          | 31  |
| disagreeable    | 1   |
| discomfort      | 4   |
| displeasure     | 1   |
| dissatisfaction | 1   |
| dissatisfied    | 1   |
| distress        | 1   |
| dog             | 14  |
| dogs            | 1   |
| dry             | 1   |
| eat             | 126 |
| eating          | 64  |
| eatables        | 2   |
| emotion         | 1   |
| emptiness       | 4   |
| empty           | 13  |
| exhausted       | 2   |
| faint           | 9   |
| fainting        | 1   |
| famine          | 5   |
| famish          | 1   |
| famished        | 11  |
| famishing       | 1   |
| fascinating     | 1   |
| fast            | 3   |
| fasting         | 5   |
| fatigue         | 4   |
| fatigued        | 1   |
| fed             | 4   |
| feel            | 1   |
| feeling         | 8   |
| fill            | 1   |
| filled          | 4   |
| food            | 136 |
| form            | 1   |
| fulfilment      | 1   |
| full            | 9   |
| fruit           | 3   |
| gaunt           | 1   |
| Gertrude        | 1   |
| girl            | 1   |
| gnawing         | 2   |

|           |   |
|-----------|---|
| good      | 1 |
| grub      | 1 |
| hardship  | 1 |
| Henrietta | 1 |
| hog       | 1 |
| horse     | 1 |
| hunger    | 2 |
| I         | 3 |
| ice-cream | 1 |
| kitchen   | 1 |
| lack      | 2 |
| lion      | 1 |
| longing   | 5 |
| lunch     | 4 |
| man       | 5 |
| me        | 4 |
| meal      | 1 |
| meat      | 3 |
| milk      | 1 |
| miserable | 2 |
| misery    | 1 |
| nausea    | 1 |
| necessary | 1 |
| need      | 2 |
| needy     | 1 |
| never     | 1 |
| nice      | 1 |
| no        | 1 |
| noon      | 1 |
| nothing   | 1 |
| nourish   | 1 |
| now       | 2 |
| ocean     | 1 |
| often     | 1 |
| pain      | 5 |
| painful   | 1 |
| pallid    | 1 |
| pang      | 1 |
| peaches   | 1 |
| perishing | 1 |
| person    | 2 |
| picnic    | 2 |
| pie       | 2 |
| plenty    | 2 |
| plow      | 1 |

|               |    |
|---------------|----|
| poor          | 6  |
| potatoes      | 1  |
| poverty       | 2  |
| present       | 1  |
| <br>          |    |
| ravenous      | 1  |
| repletion     | 1  |
| <br>          |    |
| sad           | 1  |
| sandwiches    | 2  |
| satiated      | 3  |
| satiety       | 2  |
| satisfied     | 14 |
| satisfy       | 2  |
| school        | 1  |
| sensation     | 1  |
| sharp         | 1  |
| ship          | 1  |
| sick          | 1  |
| sleepy        | 1  |
| slow          | 1  |
| sorrow        | 2  |
| starvation    | 10 |
| starve        | 8  |
| starved       | 15 |
| starving      | 29 |
| steak         | 2  |
| stomach       | 13 |
| suffering     | 1  |
| sufficiency   | 1  |
| sufficient    | 1  |
| supper        | 2  |
| <br>          |    |
| table         | 1  |
| thirst        | 12 |
| thirsty       | 61 |
| thought       | 1  |
| tiger         | 1  |
| tired         | 12 |
| tiresome      | 1  |
| tramp         | 3  |
| traveling     | 1  |
| <br>          |    |
| uncomfortable | 1  |
| unhappiness   | 1  |
| unhappy       | 4  |
| unpleasant    | 4  |
| unsatisfied   | 3  |
| very          | 1  |
| viands        | 1  |
| victuals      | 1  |
| <br>          |    |
| walk          | 1  |

|          |    |
|----------|----|
| want     | 25 |
| wanting  | 5  |
| weak     | 5  |
| weakness | 3  |
| wish     | 2  |
| wolf     | 10 |

## 68. PRIEST

|               |     |
|---------------|-----|
| altar         | 3   |
| authority     | 1   |
| belief        | 1   |
| Bible         | 3   |
| bishop        | 6   |
| black         | 13  |
| blessing      | 1   |
| book          | 1   |
| boy           | 1   |
| brother       | 1   |
| cassock       | 1   |
| cathedral     | 2   |
| Catholic      | 36  |
| Catholics     | 2   |
| Catholicism   | 4   |
| ceremony      | 1   |
| chancel       | 1   |
| chapel        | 2   |
| childhood     | 1   |
| church        | 166 |
| clean         | 1   |
| clergy        | 30  |
| clergyman     | 62  |
| cleric        | 1   |
| clerical      | 2   |
| cloister      | 1   |
| cloth         | 1   |
| clothes       | 1   |
| collar        | 1   |
| comforter     | 1   |
| command       | 1   |
| communion     | 1   |
| confession    | 5   |
| confessor     | 2   |
| conscientious | 1   |
| console       | 1   |
| counsellor    | 1   |
| crucifix      | 1   |
| dignified     | 1   |
| discipline    | 2   |

|             |    |
|-------------|----|
| discontent  | 1  |
| dishonor    | 1  |
| dislike     | 1  |
| divine      | 1  |
| divinity    | 1  |
| doctor      | 5  |
| doing       | 1  |
| dominie     | 1  |
| dress       | 1  |
| Dr. K.      | 1  |
| duty        | 1  |
| <br>        |    |
| exalted     | 1  |
| <br>        |    |
| faithful    | 2  |
| fakir       | 2  |
| fakirs      | 1  |
| fat         | 3  |
| father      | 15 |
| follower    | 1  |
| forgive     | 1  |
| forgiveness | 1  |
| <br>        |    |
| garb        | 2  |
| gentleman   | 1  |
| God         | 2  |
| good        | 9  |
| goodness    | 1  |
| gown        | 6  |
| <br>        |    |
| heaven      | 2  |
| high        | 1  |
| holiness    | 3  |
| holy        | 15 |
| honor       | 2  |
| hood        | 2  |
| house       | 1  |
| humble      | 1  |
| hypocrite   | 2  |
| <br>        |    |
| inspired    | 1  |
| instruction | 1  |
| <br>        |    |
| Jew         | 2  |
| just        | 1  |
| justice     | 1  |
| <br>        |    |
| kind        | 1  |
| knowledge   | 1  |
| <br>        |    |
| layman      | 2  |
| leader      | 4  |
| lecture     | 1  |

|                |     |
|----------------|-----|
| Levi           | 1   |
| Levite         | 2   |
| Lord           | 1   |
| male           | 5   |
| man            | 75  |
| mass           | 5   |
| minister       | 178 |
| monastery      | 5   |
| monk           | 9   |
| moral          | 1   |
| noble          | 1   |
| nun            | 12  |
| office         | 1   |
| parson         | 11  |
| pastor         | 11  |
| people         | 1   |
| person         | 3   |
| piety          | 1   |
| pious          | 4   |
| Pope           | 3   |
| power          | 1   |
| praise         | 1   |
| pray           | 3   |
| prays          | 1   |
| prayer         | 8   |
| prayers        | 1   |
| preach         | 3   |
| preaches       | 2   |
| preacher       | 35  |
| prelate        | 2   |
| priestess      | 2   |
| profession     | 1   |
| prophet        | 3   |
| pulpit         | 1   |
| purity         | 2   |
| rabbi          | 2   |
| religion       | 57  |
| religious      | 7   |
| representative | 1   |
| repulsive      | 1   |
| reserved       | 1   |
| reverend       | 1   |
| righteous      | 2   |
| road           | 1   |
| robe           | 12  |
| robes          | 8   |
| ruler          | 1   |

|           |   |
|-----------|---|
| sacred    | 2 |
| sacrifice | 1 |
| sanctity  | 1 |
| school    | 1 |
| sent      | 1 |
| serious   | 1 |
| sermon    | 3 |
| sermony   | 1 |
| servant   | 2 |
| service   | 2 |
| services  | 1 |
| shaven    | 2 |
| shoot     | 1 |
| sinner    | 1 |
| sister    | 1 |
| slim      | 1 |
| solemnity | 1 |
| sometimes | 1 |
| spookism  | 1 |
| stern     | 1 |
| student   | 1 |
| Sunday    | 2 |
| surplice  | 3 |
| table     | 1 |
| teacher   | 2 |
| ugly      | 1 |
| vest      | 1 |
| vicar     | 1 |
| York      | 1 |

#### 169. OCEAN

|           |    |
|-----------|----|
| afraid    | 1  |
| angry     | 1  |
| Atlantic  | 11 |
| barge     | 1  |
| bathing   | 3  |
| bay       | 3  |
| beach     | 5  |
| beautiful | 1  |
| big       | 5  |
| bigness   | 1  |
| billows   | 1  |
| blue      | 25 |
| boat      | 6  |
| boats     | 1  |

|              |    |
|--------------|----|
| body         | 2  |
| boisterous   | 1  |
| breadth      | 3  |
| breeze       | 1  |
| broad        | 3  |
| Bryon        | 1  |
|              |    |
| Cape Cod     | 1  |
| Coney Island | 2  |
| country      | 1  |
| crossing     | 1  |
| current      | 1  |
|              |    |
| dark         | 1  |
| deep         | 87 |
| deepness     | 1  |
| depth        | 10 |
| depths       | 1  |
| distance     | 2  |
|              |    |
| enormous     | 1  |
| Europe       | 1  |
| expanse      | 2  |
| expansive    | 1  |
|              |    |
| float        | 1  |
| foam         | 2  |
|              |    |
| grand        | 2  |
| grandeur     | 2  |
| great        | 3  |
| greatness    | 1  |
| green        | 2  |
| Grove        | 2  |
| gulfs        | 1  |
|              |    |
| Hudson       | 1  |
|              |    |
| immense      | 1  |
| immensity    | 2  |
| infinity     | 2  |
|              |    |
| joy          | 2  |
|              |    |
| lake         | 12 |
| land         | 8  |
| large        | 9  |
| launch       | 1  |
| liquid       | 1  |
|              |    |
| Maine        | 1  |
| Mauretania   | 1  |
| might        | 1  |

|            |     |
|------------|-----|
| mighty     | 3   |
| motion     | 2   |
| power      | 1   |
| pretty     | 1   |
| quantity   | 1   |
| river      | 36  |
| roars      | 1   |
| rough      | 12  |
| sail       | 2   |
| sailing    | 2   |
| salt       | 10  |
| sand       | 2   |
| Sandy Hook | 1   |
| sea        | 75  |
| seas       | 3   |
| seashore   | 2   |
| seething   | 1   |
| shining    | 1   |
| ship       | 24  |
| ships      | 11  |
| shore      | 2   |
| sky        | 1   |
| sound      | 1   |
| storm      | 1   |
| storms     | 1   |
| steamboat  | 1   |
| steamer    | 14  |
| steamers   | 1   |
| steamship  | 1   |
| stream     | 4   |
| swiftness  | 1   |
| swim       | 2   |
| swimming   | 1   |
| tide       | 1   |
| terrible   | 1   |
| traveling  | 1   |
| trip       | 1   |
| valley     | 1   |
| vast       | 7   |
| vastness   | 9   |
| vessel     | 2   |
| voyage     | 1   |
| waste      | 1   |
| water      | 427 |
| waters     | 1   |

|           |    |
|-----------|----|
| wave      | 12 |
| waves     | 45 |
| wavy      | 1  |
| wet       | 2  |
| white     | 1  |
| wide      | 15 |
| wonder    | 1  |
| wonderful | 1  |

## 70. HEAD

|              |   |
|--------------|---|
| above        | 1 |
| ache         | 9 |
| aches        | 1 |
| anatomy      | 8 |
| animal       | 2 |
| appearance   | 1 |
| arm          | 2 |
| arms         | 3 |
| asymmetrical | 1 |

|           |     |
|-----------|-----|
| baby's    | 1   |
| back      | 2   |
| bald      | 1   |
| ball      | 1   |
| beautiful | 1   |
| beginning | 1   |
| big       | 5   |
| black     | 1   |
| body      | 146 |
| bonehead  | 1   |
| boss      | 1   |
| brain     | 58  |
| brains    | 32  |
| branch    | 1   |
| bright    | 1   |
| brown     | 1   |

|               |   |
|---------------|---|
| cabbage       | 7 |
| captain       | 3 |
| cattle        | 1 |
| cavity        | 2 |
| chess         | 2 |
| chief         | 2 |
| chop          | 1 |
| clear         | 1 |
| comb          | 2 |
| combs         | 1 |
| consciousness | 1 |
| cover         | 1 |
| covered       | 1 |
| cow           | 2 |

|              |     |
|--------------|-----|
| cranium      | 11  |
| crown        | 1   |
| director     | 1   |
| donkey       | 1   |
| ear          | 1   |
| ears         | 1   |
| emptiness    | 1   |
| empty        | 1   |
| encephalon   | 1   |
| end          | 1   |
| extremity    | 1   |
| eye          | 2   |
| eyes         | 10  |
| face         | 13  |
| father       | 1   |
| feature      | 1   |
| features     | 2   |
| feet         | 26  |
| figure       | 1   |
| firm         | 1   |
| first        | 2   |
| food         | 1   |
| foot         | 64  |
| forehead     | 1   |
| front        | 1   |
| girl         | 1   |
| glasses      | 1   |
| good         | 3   |
| govern       | 1   |
| great        | 1   |
| hair         | 159 |
| hand         | 11  |
| hands        | 2   |
| handsome     | 1   |
| hard         | 2   |
| hat          | 17  |
| headless     | 1   |
| heart        | 8   |
| heels        | 2   |
| high         | 3   |
| highest      | 2   |
| hot          | 2   |
| house        | 1   |
| human        | 4   |
| individual   | 1   |
| intellect    | 2   |
| intelligence | 3   |

king 1  
knee 1  
knowledge 17

large 19  
leadership 1  
leading 1  
life 1  
light 2  
limb 8  
limbs 1  
little 1  
long 1  
louse 1

man 14  
man's 1  
masterpiece 1  
medium 1  
member 7  
memory 3  
mentality 1  
mind 14  
mouth 1

nail 1  
nation 1  
neck 17  
nose 2

organ 5

pain 1  
part 6  
people 1  
person 15  
physiology 2  
planning 1  
Pope 1  
power 3  
president 2  
pretty 1  
principal 2  
procession 1

quarters 1

rest 2  
round 21  
roundness 1  
ruler 3

scalp 4  
sense 3  
senses 1  
sensible 1  
shape 4  
shaped 1  
shoulder 1  
shoulders 12  
skull 5  
small 7  
sore 2  
square 1  
statue 2

stomach 2  
strong 1  
superintendent 2  
symmetry 1

tail 3  
teeth 1  
thick 2  
think 9  
thinking 6  
thought 16  
thoughts 4  
tired 1  
top 31  
trunk 2

useful 2

whirl 1  
wit 1  
woman 1  
woman's 2  
work 1

## 71. STOVE

article 3  
  
bake 1  
baking 1  
black 59  
blackening 4  
box 1  
breakfast 1  
bright 2  
burn 12  
burning 2

|               |     |
|---------------|-----|
| chair         | 1   |
| chimney       | 1   |
| coal          | 25  |
| comfort       | 2   |
| cook          | 24  |
| cooking       | 34  |
| cooks         | 1   |
| cover         | 3   |
| dark          | 1   |
| dinner        | 1   |
| dirt          | 1   |
| dishes        | 1   |
| fire          | 217 |
| fireplace     | 3   |
| flame         | 1   |
| food          | 3   |
| Franklin      | 1   |
| fry           | 1   |
| fuel          | 1   |
| furnace       | 6   |
| furniture     | 8   |
| furnitureness | 1   |
| gas           | 7   |
| German        | 1   |
| good          | 2   |
| grate         | 1   |
| hard          | 2   |
| hardware      | 1   |
| heat          | 213 |
| heating       | 1   |
| heats         | 1   |
| heater        | 2   |
| heavy         | 2   |
| home          | 1   |
| hot           | 86  |
| house         | 2   |
| household     | 1   |
| icebox        | 1   |
| implement     | 1   |
| instrument    | 2   |
| iron          | 51  |
| isinglass     | 1   |
| kettle        | 4   |
| kitchen       | 11  |
| lamp          | 3   |
| large         | 2   |

|            |    |
|------------|----|
| legs       | 2  |
| lid        | 4  |
| lifter     | 3  |
| light      | 1  |
| long       | 1  |
| metal      | 2  |
| oil        | 1  |
| oven       | 1  |
| painful    | 1  |
| pipe       | 18 |
| pipes      | 1  |
| poker      | 5  |
| polish     | 10 |
| radiator   | 2  |
| range      | 19 |
| receptacle | 1  |
| red        | 1  |
| room       | 2  |
| round      | 1  |
| rusty      | 1  |
| shovel     | 1  |
| sink       | 1  |
| small      | 2  |
| smoke      | 1  |
| steel      | 3  |
| structure  | 1  |
| teakettle  | 1  |
| using      | 1  |
| utensil    | 2  |
| warm       | 32 |
| warmth     | 42 |
| water      | 1  |
| winter     | 2  |
| wood       | 7  |
| zinc       | 1  |

## 72. LONG

|         |   |
|---------|---|
| age     | 1 |
| anxiety | 1 |
| arm     | 1 |
| arms    | 1 |
| avenue  | 2 |

|                 |    |
|-----------------|----|
| away            | 1  |
| barn            | 1  |
| beach           | 1  |
| bench           | 1  |
| big             | 1  |
| blackboard      | 1  |
| board           | 2  |
| boat            | 6  |
| book            | 1  |
| boulevard       | 1  |
| bridge          | 1  |
| broad           | 2  |
| Brooklyn Bridge | 1  |
| broomstick      | 1  |
| building        | 1  |
| cable           | 1  |
| chimney         | 1  |
| coat            | 1  |
| courage         | 1  |
| craving         | 1  |
| day             | 9  |
| days            | 1  |
| deep            | 1  |
| depth           | 1  |
| desirable       | 1  |
| dimensions      | 1  |
| distance        | 81 |
| distant         | 3  |
| dress           | 6  |
| duration        | 1  |
| elongated       | 1  |
| endless         | 1  |
| enough          | 1  |
| eternity        | 2  |
| extended        | 1  |
| extension       | 1  |
| extensive       | 1  |
| extent          | 1  |
| far             | 8  |
| feet            | 1  |
| fellow          | 1  |
| fence           | 2  |
| flagpole        | 1  |
| foot            | 1  |
| for             | 1  |
| giant           | 2  |
| girl            | 1  |

|             |    |
|-------------|----|
| glass       | 2  |
| grass       | 4  |
| great       | 1  |
| hair        | 2  |
| hall        | 2  |
| head        | 1  |
| height      | 1  |
| high        | 5  |
| hill        | 1  |
| hose        | 1  |
| hours       | 1  |
| house       | 1  |
| Island      | 2  |
| journey     | 8  |
| labor       | 1  |
| lane        | 3  |
| lanky       | 2  |
| large       | 7  |
| lasting     | 1  |
| lecture     | 1  |
| legs        | 1  |
| length      | 50 |
| lengthy     | 6  |
| level       | 1  |
| life        | 4  |
| line        | 5  |
| linear      | 1  |
| live        | 1  |
| Lusitania   | 1  |
| man         | 5  |
| measure     | 7  |
| medium      | 2  |
| meter       | 1  |
| mile        | 13 |
| miles       | 1  |
| Mississippi | 1  |
| much        | 1  |
| name        | 1  |
| narrow      | 15 |
| night       | 2  |
| nose        | 1  |
| oblong      | 1  |
| path        | 2  |
| person      | 1  |
| pin         | 1  |

|           |     |
|-----------|-----|
| pipe      | 1   |
| plant     | 1   |
| plenty    | 1   |
| pole      | 20  |
| railroad  | 4   |
| railway   | 1   |
| rails     | 1   |
| reed      | 1   |
| ribbon    | 3   |
| ride      | 1   |
| river     | 15  |
| road      | 32  |
| rod       | 1   |
| room      | 1   |
| rope      | 7   |
| row       | 1   |
| rug       | 1   |
| rule      | 2   |
| ruler     | 4   |
| shape     | 1   |
| sharp     | 1   |
| shore     | 1   |
| short     | 413 |
| shovel    | 1   |
| slender   | 1   |
| slim      | 1   |
| slow      | 1   |
| small     | 1   |
| snake     | 2   |
| something | 1   |
| space     | 1   |
| spacious  | 1   |
| spire     | 1   |
| square    | 1   |
| stay      | 1   |
| steamer   | 1   |
| steeple   | 1   |
| stick     | 8   |
| sticks    | 1   |
| story     | 2   |
| straight  | 1   |
| street    | 6   |
| streets   | 1   |
| strength  | 1   |
| stretch   | 2   |
| string    | 6   |
| stupid    | 1   |
| summer    | 1   |
| table     | 3   |
| tall      | 26  |

|          |    |
|----------|----|
| test     | 1  |
| thin     | 2  |
| thread   | 2  |
| throw    | 1  |
| time     | 15 |
| tiresome | 1  |
| tower    | 1  |
| track    | 3  |
| train    | 2  |
| tree     | 4  |
| trip     | 1  |
|          |    |
| vast     | 1  |
| very     | 1  |
|          |    |
| wait     | 1  |
| waiting  | 2  |
| walk     | 7  |
| walking  | 1  |
| walls    | 1  |
| way      | 6  |
| ways     | 1  |
| weary    | 1  |
| whale    | 1  |
| while    | 1  |
| wide     | 7  |
| winter   | 1  |
| wire     | 1  |
| wishing  | 1  |
| without  | 1  |
| worm     | 1  |
|          |    |
| yard     | 4  |
| year     | 2  |

### 73. RELIGION

|             |    |
|-------------|----|
| Abraham     | 1  |
| aesthetics  | 1  |
| aim         | 1  |
| all         | 1  |
| anything    | 1  |
| association | 1  |
| atheism     | 2  |
| atheism     | 4  |
|             |    |
| Baptist     | 2  |
| beauty      | 1  |
| belief      | 39 |
| beliefs     | 1  |
| believe     | 2  |
| believing   | 1  |

|                |     |
|----------------|-----|
| believer       | 1   |
| belong         | 1   |
| belonging      | 1   |
| Bible          | 52  |
| body           | 1   |
| books          | 2   |
| brain          | 3   |
| Buddha         | 1   |
| <br>           |     |
| catechism      | 1   |
| Catholic       | 56  |
| ceremony       | 2   |
| China          | 1   |
| Christ         | 8   |
| Christian      | 14  |
| Christianity   | 7   |
| Christlike     | 1   |
| church         | 161 |
| churches       | 4   |
| churchman      | 1   |
| civilize       | 1   |
| clergyman      | 1   |
| comfort        | 4   |
| commandments   | 1   |
| conduct        | 1   |
| Congregational | 1   |
| conscience     | 2   |
| conversion     | 1   |
| Creator        | 2   |
| creed          | 33  |
| custom         | 1   |
| <br>           |     |
| deep           | 1   |
| denomination   | 11  |
| devotion       | 4   |
| different      | 2   |
| difficult      | 1   |
| dislike        | 1   |
| divine         | 1   |
| doctrine       | 4   |
| dogma          | 1   |
| doubt          | 2   |
| Druids         | 1   |
| duties         | 1   |
| duty           | 2   |
| <br>           |     |
| emotion        | 1   |
| Episcopal      | 4   |
| Episcopalian   | 1   |
| eternity       | 1   |
| ethics         | 2   |
| everyday       | 1   |

|              |    |
|--------------|----|
| fair         | 1  |
| faith        | 47 |
| fake         | 1  |
| fanaticism   | 1  |
| feeling      | 1  |
| fine         | 1  |
| foolish      | 2  |
| free         | 1  |
| gentle       | 1  |
| German       | 1  |
| God          | 31 |
| godly        | 1  |
| good         | 46 |
| goodness     | 10 |
| gospel       | 2  |
| government   | 1  |
| guide        | 3  |
| happiness    | 3  |
| harmony      | 1  |
| health       | 1  |
| heathen      | 3  |
| heaven       | 8  |
| Hebrew       | 1  |
| helpful      | 2  |
| hereafter    | 1  |
| heresy       | 1  |
| history      | 2  |
| holiness     | 4  |
| holy         | 10 |
| honor        | 1  |
| house        | 1  |
| hypocrisy    | 1  |
| idea         | 2  |
| ideas        | 1  |
| ignorance    | 1  |
| indefinite   | 1  |
| indiscreet   | 1  |
| institutions | 1  |
| irreligion   | 1  |
| irreligious  | 1  |
| Jesus        | 3  |
| Jew          | 3  |
| Jews         | 1  |
| Jewish       | 4  |
| just         | 1  |
| kind         | 2  |
| knowledge    | 1  |

|             |    |
|-------------|----|
| law         | 1  |
| learning    | 1  |
| life        | 4  |
| living      | 1  |
| Lord        | 1  |
| Lutheran    | 1  |
|             |    |
| man         | 1  |
| men         | 1  |
| mankind     | 1  |
| many        | 1  |
| mental      | 1  |
| Methodism   | 1  |
| Methodist   | 7  |
| minister    | 15 |
| modesty     | 1  |
| Mohammed    | 2  |
| morals      | 2  |
| mystic      | 1  |
|             |    |
| nationality | 2  |
| need        | 1  |
| no          | 1  |
| none        | 5  |
| nothing     | 2  |
| nun         | 1  |
| nuns        | 1  |
|             |    |
| obey        | 1  |
| opinion     | 3  |
| order       | 1  |
| orthodox    | 1  |
|             |    |
| paganism    | 1  |
| peace       | 3  |
| people      | 3  |
| perfect     | 1  |
| persecution | 1  |
| person      | 2  |
| persuasion  | 3  |
| piety       | 13 |
| pious       | 13 |
| poor        | 2  |
| Pope        | 1  |
| powerful    | 1  |
| practice    | 2  |
| pray        | 2  |
| praying     | 2  |
| prayer      | 21 |
| prayers     | 5  |
| prayer-book | 2  |
| preacher    | 2  |
| preaching   | 2  |

Presbyterian 3  
priest 28  
profession 3  
professor 1  
Protestant 30  
pulpit 1  
pure 2  
puzzle 1  
  
question 1  
  
race 1  
rector 1  
religious 2  
reverence 3  
right 2  
righteousness 2  
  
sacrament 1  
sacred 4  
sacredness 1  
saintly 1  
saints 1  
salvation 2  
scholastic 1  
science 2  
scripture 1  
sect 3  
sectarian 2  
self 1  
service 3  
sheeney 1  
society 1  
solace 1  
somewhat 1  
soul 1  
spirituality 1  
stability 1  
standby 1  
study 1  
superstition 1  
  
tabernacle 1  
table 1  
teaching 1  
temperament 1  
temple 2  
think 2  
thinking 1  
thought 12  
thoughtful 1  
training 1  
true 1

|             |    |
|-------------|----|
| trust       | 1  |
| truth       | 6  |
| uncertain   | 1  |
| uncertainty | 1  |
| unknowable  | 1  |
| virtuous    | 1  |
| vow         | 1  |
| want        | 1  |
| wickedness  | 1  |
| wide        | 1  |
| woman       | 1  |
| wonder      | 1  |
| wonderful   | 1  |
| work        | 1  |
| worship     | 14 |
| worshipping | 1  |
| Yankee      | 1  |

#### 74. WHISKEY

|               |    |
|---------------|----|
| abomination   | 1  |
| alcohol       | 50 |
| ale           | 1  |
| amber         | 1  |
| appetizer     | 1  |
| apple         | 1  |
| awful         | 1  |
| bad           | 35 |
| barley        | 1  |
| barrel        | 2  |
| bed           | 1  |
| beer          | 46 |
| beverage      | 9  |
| biting        | 1  |
| bitter        | 5  |
| booze         | 10 |
| Boston        | 1  |
| bottle        | 29 |
| brandy        | 24 |
| breath        | 1  |
| burn          | 1  |
| burning       | 4  |
| Carrie Nation | 1  |
| cider         | 3  |
| closet        | 1  |
| color         | 1  |

|              |     |
|--------------|-----|
| corn         | 1   |
| curse        | 4   |
| dangerous    | 1   |
| dark         | 1   |
| death        | 1   |
| degradation  | 1   |
| despised     | 1   |
| destruction  | 1   |
| devil        | 1   |
| deviltry     | 1   |
| Dewar's      | 1   |
| disagreeable | 1   |
| discontent   | 1   |
| disgust      | 1   |
| distillery   | 1   |
| distress     | 1   |
| dope         | 1   |
| dreadful     | 1   |
| drink        | 232 |
| drinks       | 1   |
| drinking     | 17  |
| drinkable    | 1   |
| drug         | 1   |
| drunk        | 31  |
| drunkard     | 18  |
| drunkards    | 3   |
| drunkenness  | 26  |
| evil         | 2   |
| fast         | 1   |
| fire         | 4   |
| flask        | 1   |
| fluid        | 4   |
| food         | 1   |
| full         | 1   |
| gin          | 8   |
| glass        | 3   |
| good         | 15  |
| grain        | 1   |
| hard         | 1   |
| headache     | 1   |
| Hennessey's  | 1   |
| hops         | 1   |
| horror       | 1   |
| hot          | 2   |
| hotels       | 1   |
| Hunter       | 1   |

|              |    |
|--------------|----|
| indulge      | 1  |
| indulgence   | 1  |
| inebriety    | 1  |
| insanity     | 1  |
| intemperance | 5  |
| intoxicant   | 13 |
| intoxicants  | 2  |
| intoxicated  | 3  |
| intoxicating | 14 |
| intoxication | 14 |
|              |    |
| jag          | 1  |
|              |    |
| Kentucky     | 1  |
| knock        | 1  |
|              |    |
| law          | 1  |
| liquid       | 12 |
| liquids      | 1  |
| liquor       | 70 |
|              |    |
| malt         | 2  |
| men          | 2  |
| medicine     | 4  |
| misery       | 1  |
| money        | 1  |
| moonshine    | 1  |
|              |    |
| narcotic     | 3  |
| nice         | 3  |
| none         | 1  |
|              |    |
| odor         | 1  |
| old          | 1  |
|              |    |
| pint         | 1  |
| place        | 1  |
| pleasant     | 1  |
| poison       | 4  |
| poor         | 1  |
| poorhouse    | 1  |
| powerful     | 1  |
| prohibition  | 2  |
| punch        | 1  |
|              |    |
| rarely       | 1  |
| red          | 2  |
| ruin         | 1  |
| ruination    | 1  |
| rum          | 23 |
| rye          | 9  |

|                |    |
|----------------|----|
| saloon         | 15 |
| saloons        | 1  |
| Scotch         | 1  |
| seasickness    | 1  |
| sick           | 2  |
| sickness       | 2  |
| smell          | 2  |
| smuggle        | 1  |
| sorrow         | 1  |
| sour           | 4  |
| spirit         | 5  |
| spirits        | 23 |
| stimulant      | 88 |
| stimulants     | 4  |
| stimulating    | 1  |
| stimulation    | 1  |
| stomach        | 1  |
| straight       | 2  |
| strong         | 6  |
| stupidity      | 1  |
| suffering      | 1  |
|                |    |
| taste          | 1  |
| temperance     | 4  |
| temptation     | 1  |
| terrible       | 1  |
| thirst         | 1  |
| thirsty        | 1  |
| tipsy          | 1  |
| toddy          | 1  |
| tooper         | 1  |
| trouble        | 2  |
|                |    |
| unhealthy      | 1  |
| unpleasantness | 1  |
|                |    |
| warm           | 1  |
| water          | 9  |
| wine           | 16 |
| wrong          | 1  |

#### 75. Child

|           |     |
|-----------|-----|
| adult     | 5   |
| angel     | 8   |
|           |     |
| babe      | 7   |
| baby      | 193 |
| bad       | 1   |
| beautiful | 8   |
| beauty    | 5   |
| being     | 8   |

|             |    |
|-------------|----|
| bird        | 2  |
| birth       | 2  |
| blessing    | 2  |
| body        | 2  |
| born        | 1  |
| boy         | 64 |
| boys        | 3  |
| burden      | 1  |
| care        | 1  |
| carriage    | 1  |
| charm       | 1  |
| childhood   | 1  |
| childish    | 1  |
| Christ      | 1  |
| clothes     | 1  |
| comfort     | 8  |
| coming      | 1  |
| companion   | 1  |
| cradle      | 2  |
| creep       | 1  |
| crib        | 1  |
| cries       | 1  |
| cry         | 4  |
| cross       | 1  |
| cunning     | 1  |
| cute        | 8  |
| darling     | 1  |
| daughter    | 2  |
| dear        | 1  |
| dearest     | 1  |
| delight     | 1  |
| disobedient | 1  |
| dog         | 1  |
| doll        | 4  |
| dress       | 4  |
| dresses     | 1  |
| Eleanor     | 1  |
| Elizabeth   | 1  |
| embryonic   | 1  |
| expectation | 1  |
| family      | 2  |
| fat         | 1  |
| father      | 5  |
| female      | 3  |
| frolicsome  | 1  |
| fun         | 2  |
| fussy       | 1  |
| future      | 1  |

|              |     |
|--------------|-----|
| girl         | 45  |
| girls        | 2   |
| glass        | 1   |
| good         | 7   |
| goose        | 1   |
| Greta        | 1   |
| growing      | 1   |
| growth       | 1   |
| habits       | 1   |
| hair         | 1   |
| happiness    | 2   |
| happy        | 2   |
| healthy      | 1   |
| helpless     | 1   |
| helplessness | 1   |
| home         | 6   |
| hood         | 2   |
| hospital     | 1   |
| human        | 5   |
| humanity     | 1   |
| ill          | 1   |
| immature     | 1   |
| infancy      | 1   |
| infant       | 122 |
| injury       | 1   |
| innocence    | 16  |
| innocent     | 11  |
| interesting  | 1   |
| joy          | 1   |
| juvenile     | 2   |
| kid          | 4   |
| kindergarten | 1   |
| labor        | 2   |
| lady         | 2   |
| large        | 2   |
| like         | 1   |
| little       | 11  |
| lonely       | 1   |
| loveable     | 1   |
| love         | 8   |
| loving       | 2   |
| lovely       | 4   |
| male         | 1   |
| mammal       | 1   |
| man          | 41  |
| maternity    | 1   |

|             |    |
|-------------|----|
| me          | 1  |
| mite        | 1  |
| mother      | 55 |
| motherhood  | 1  |
| naive       | 1  |
| naughty     | 1  |
| necessary   | 1  |
| nephew      | 1  |
| nice        | 1  |
| night-dress | 1  |
| noise       | 1  |
| nuisance    | 2  |
| obedient    | 1  |
| offspring   | 6  |
| parent      | 6  |
| parents     | 1  |
| people      | 3  |
| person      | 18 |
| pet         | 1  |
| play        | 14 |
| playing     | 3  |
| playful     | 3  |
| pleasure    | 4  |
| plump       | 1  |
| precious    | 1  |
| pretty      | 10 |
| pupil       | 1  |
| purity      | 1  |
| rattle      | 1  |
| religious   | 1  |
| school      | 5  |
| screaming   | 1  |
| senses      | 1  |
| simple      | 1  |
| simplicity  | 1  |
| sister      | 1  |
| small       | 52 |
| smile       | 1  |
| son         | 2  |
| spoiled     | 1  |
| study       | 1  |
| sweet       | 6  |
| sweetness   | 2  |
| table       | 1  |
| tender      | 1  |
| three       | 1  |
| toys        | 1  |

|           |    |
|-----------|----|
| trouble   | 1  |
| weak      | 3  |
| woman     | 18 |
| young     | 30 |
| youngster | 2  |
| youth     | 29 |
| youthful  | 1  |

#### 76. BITTER

|                |    |
|----------------|----|
| acid           | 8  |
| acid           | 1  |
| agreeable      | 1  |
| ale            | 1  |
| almond         | 4  |
| almonds        | 3  |
| aloe           | 4  |
| aloes          | 6  |
| altogether     | 1  |
| alum           | 2  |
| anger          | 3  |
| apples         | 3  |
| apple          | 1  |
| apricot        | 1  |
| astringent     | 1  |
| bad            | 10 |
| banana         | 1  |
| beer           | 5  |
| berry          | 1  |
| biting         | 1  |
| boneset        | 1  |
| burdock        | 1  |
| candy          | 1  |
| cascara        | 1  |
| chastisement   | 1  |
| chickory       | 1  |
| chocolate      | 1  |
| cider          | 1  |
| cold           | 6  |
| cross          | 1  |
| cup            | 1  |
| deep           | 1  |
| disagreeable   | 10 |
| disappointment | 1  |
| dislike        | 2  |
| distasteful    | 10 |
| dregs          | 1  |

|             |    |
|-------------|----|
| drink       | 2  |
| enemy       | 2  |
| feelings    | 1  |
| flag        | 1  |
| fruit       | 4  |
| gall        | 42 |
| good        | 2  |
| grape       | 1  |
| grapefruit  | 3  |
| grass       | 1  |
| grief       | 2  |
| grudge      | 1  |
| hatred      | 2  |
| herb        | 2  |
| herbs       | 5  |
| hops        | 1  |
| horrid      | 3  |
| horseradish | 1  |
| icy         | 1  |
| ill         | 1  |
| irritating  | 1  |
| lemon       | 8  |
| lemons      | 1  |
| lemonade    | 1  |
| lessons     | 1  |
| life        | 1  |
| lines       | 1  |
| liquor      | 1  |
| love        | 1  |
| magen       | 1  |
| man         | 1  |
| mandrake    | 1  |
| medicine    | 37 |
| Mirabar     | 1  |
| morphine    | 1  |
| nasty       | 3  |
| nice        | 1  |
| none        | 1  |
| nux         | 1  |
| offensive   | 1  |
| olives      | 1  |
| orange      | 3  |
| peach       | 1  |

|                |     |
|----------------|-----|
| peel           | 1   |
| pepper         | 9   |
| persimmon      | 2   |
| pickle         | 3   |
| pickles        | 1   |
| pleasant       | 1   |
| plums          | 4   |
| poison         | 1   |
| puckering      | 1   |
| quassia        | 1   |
| quince         | 1   |
| quinine        | 23  |
| rank           | 1   |
| sadness        | 1   |
| salt           | 2   |
| salts          | 2   |
| sharp          | 3   |
| sorrow         | 8   |
| sound          | 1   |
| sour           | 222 |
| sourness       | 2   |
| spice          | 1   |
| strong         | 3   |
| strychnia      | 1   |
| strychnine     | 4   |
| suffering      | 1   |
| sweet          | 305 |
| sweeter        | 1   |
| tart           | 8   |
| taste          | 66  |
| tasteless      | 3   |
| tasting        | 1   |
| tea            | 1   |
| tears          | 1   |
| temper         | 1   |
| thoroughwort   | 3   |
| thought        | 1   |
| tonic          | 1   |
| tonics         | 2   |
| trouble        | 1   |
| turnip         | 1   |
| ugly           | 3   |
| unhealthy      | 1   |
| unpalatable    | 1   |
| unpleasant     | 19  |
| unpleasantness | 1   |
| unsweetened    | 1   |
| unwholesome    | 1   |

|            |    |
|------------|----|
| vegetables | 1  |
| vinegar    | 17 |
| water      | 1  |
| weather    | 1  |
| wine       | 1  |
| word       | 1  |
| words      | 2  |
| wormwood   | 2  |
| wrong      | 1  |

## 77. HAMMER

|              |    |
|--------------|----|
| action       | 2  |
| annoyance    | 1  |
| anvil        | 6  |
| article      | 1  |
| awl          | 1  |
| axe          | 11 |
| bang         | 3  |
| beating      | 1  |
| blacksmith   | 2  |
| blow         | 6  |
| board        | 2  |
| bruiser      | 1  |
| building     | 2  |
| carpenter    | 13 |
| carpentering | 1  |
| chisel       | 10 |
| claps        | 1  |
| claw         | 1  |
| club         | 2  |
| concussion   | 1  |
| convenience  | 1  |
| drive        | 17 |
| drives       | 1  |
| driving      | 5  |
| door         | 1  |
| easy         | 1  |
| effort       | 1  |
| finger       | 3  |
| force        | 2  |
| geology      | 1  |
| handle       | 5  |

|            |     |
|------------|-----|
| hard       | 53  |
| hatchet    | 6   |
| head       | 2   |
| heavy      | 13  |
| hit        | 21  |
| horseshoe  | 1   |
| hurt       | 1   |
| hurts      | 1   |
| implement  | 8   |
| instrument | 38  |
| iron       | 45  |
| J.         | 2   |
| knife      | 1   |
| knock      | 35  |
| knocker    | 6   |
| knocking   | 5   |
| large      | 2   |
| lost       | 1   |
| mallet     | 3   |
| mark       | 1   |
| maul       | 1   |
| metal      | 1   |
| nail       | 185 |
| nails      | 98  |
| nailing    | 2   |
| noise      | 36  |
| nut        | 1   |
| nuts       | 1   |
| one        | 2   |
| pain       | 1   |
| picture    | 2   |
| picture    | 1   |
| plumber    | 1   |
| pound      | 51  |
| pounding   | 12  |
| pounds     | 1   |
| rap        | 1   |
| repairs    | 1   |
| revolver   | 1   |
| road       | 1   |
| rod        | 1   |
| round      | 1   |
| saw        | 9   |

|           |    |
|-----------|----|
| scissors  | 1  |
| shoemaker | 1  |
| shop      | 1  |
| sledge    | 10 |
| small     | 2  |
| sound     | 9  |
| spade     | 1  |
| stay      | 1  |
| steel     | 20 |
| stone     | 1  |
| strength  | 1  |
| strike    | 28 |
| striking  | 4  |
| stroke    | 1  |
| <br>      |    |
| tack      | 3  |
| tacks     | 11 |
| Thor      | 1  |
| thread    | 1  |
| throw     | 6  |
| throwing  | 1  |
| thumb     | 1  |
| thump     | 1  |
| toe       | 1  |
| tongs     | 29 |
| tool      | 69 |
| tools     | 3  |
| turf      | 1  |
| <br>      |    |
| use       | 1  |
| useful    | 5  |
| utensil   | 1  |
| <br>      |    |
| weapon    | 3  |
| weight    | 3  |
| wood      | 6  |
| work      | 8  |
| working   | 2  |

## 78. THIRSTY

|          |   |
|----------|---|
| all      | 1 |
| always   | 2 |
| animal   | 1 |
| appetite | 3 |
| <br>     |   |
| bar      | 1 |
| beer     | 4 |
| beverage | 1 |
| bird     | 1 |
| boy      | 1 |
| brooks   | 1 |

|              |     |
|--------------|-----|
| cattle       | 1   |
| child        | 2   |
| cold         | 1   |
| craving      | 4   |
| cream        | 1   |
| cup          | 2   |
| desert       | 2   |
| desire       | 4   |
| desiring     | 1   |
| dipper       | 1   |
| disagreeable | 1   |
| discomfort   | 2   |
| dog          | 2   |
| drink        | 206 |
| drinking     | 23  |
| drought      | 8   |
| dry          | 218 |
| dryness      | 5   |
| emotion      | 1   |
| empty        | 1   |
| exhausted    | 1   |
| famished     | 1   |
| fatigue      | 1   |
| feeling      | 5   |
| fluid        | 1   |
| food         | 1   |
| fountain     | 1   |
| glass        | 1   |
| good         | 1   |
| hard         | 1   |
| haste        | 1   |
| heat         | 2   |
| horse        | 1   |
| hot          | 2   |
| hunger       | 9   |
| hungry       | 41  |
| labor        | 1   |
| lack         | 2   |
| lawn         | 1   |
| lemonade     | 7   |
| liquid       | 1   |
| longing      | 4   |
| man          | 1   |
| mouth        | 2   |

|               |     |
|---------------|-----|
| nauseated     | 1   |
| oranges       | 1   |
| pain          | 2   |
| parched       | 3   |
| parching      | 2   |
| people        | 1   |
| person        | 1   |
| quench        | 12  |
| quenched      | 4   |
| refreshing    | 1   |
| satiated      | 1   |
| satisfied     | 3   |
| sensation     | 1   |
| soda          | 2   |
| spring        | 3   |
| stream        | 1   |
| suffering     | 1   |
| terrible      | 1   |
| throat        | 1   |
| tongue        | 1   |
| uncomfortable | 1   |
| unpleasant    | 2   |
| very          | 1   |
| vichy         | 1   |
| walk          | 2   |
| want          | 9   |
| wanting       | 2   |
| warm          | 1   |
| water         | 341 |
| wench         | 1   |
| wet           | 3   |
| work          | 2   |

## 79. CITY

|           |   |
|-----------|---|
| Albany    | 1 |
| beautiful | 1 |
| big       | 9 |
| Boston    | 5 |
| bridges   | 1 |
| Brooklyn  | 3 |
| building  | 6 |

|               |    |
|---------------|----|
| buildings     | 20 |
| bulk          | 1  |
| Burlington    | 1  |
| business      | 1  |
| busy          | 4  |
| bustle        | 2  |
| capital       | 6  |
| cars          | 3  |
| charming      | 1  |
| Chicago       | 4  |
| child         | 1  |
| citizen       | 7  |
| civilization  | 1  |
| Cleveland     | 1  |
| collection    | 2  |
| community     | 5  |
| complexity    | 1  |
| confusion     | 1  |
| congregation  | 1  |
| corporation   | 2  |
| country       | 74 |
| Creal         | 1  |
| Creal Springs | 1  |
| crowd         | 11 |
| crowded       | 7  |
| crowds        | 1  |
| density       | 1  |
| dirt          | 1  |
| distance      | 1  |
| earth         | 1  |
| excitement    | 1  |
| fine          | 1  |
| fun           | 1  |
| gaiety        | 1  |
| good          | 1  |
| government    | 1  |
| governor      | 1  |
| great         | 2  |
| greatness     | 1  |
| habitation    | 3  |
| heat          | 1  |
| hill          | 2  |
| home          | 5  |
| homes         | 1  |
| hot           | 1  |
| house         | 3  |

|               |    |
|---------------|----|
| houses        | 52 |
| immense       | 1  |
| incorporated  | 1  |
| incorporation | 1  |
| industry      | 2  |
| inhabitant    | 1  |
| inhabitants   | 12 |
| inhabited     | 1  |
| joy           | 1  |
| land          | 2  |
| large         | 62 |
| largeness     | 1  |
| life          | 2  |
| live          | 7  |
| loathing      | 1  |
| location      | 2  |
| lots          | 1  |
| machinery     | 1  |
| majority      | 1  |
| Manhattan     | 1  |
| manufacture   | 2  |
| many          | 3  |
| men           | 2  |
| metropolis    | 6  |
| mill          | 1  |
| mountain      | 1  |
| municipal     | 1  |
| municipality  | 1  |
| nation        | 1  |
| New York      | 99 |
| noise         | 12 |
| noisy         | 6  |
| park          | 1  |
| pavement      | 1  |
| people        | 48 |
| place         | 37 |
| pleasantness  | 1  |
| populated     | 2  |
| population    | 19 |
| populous      | 1  |
| Poughkeepsie  | 6  |
| republic      | 2  |
| residence     | 2  |
| resting       | 1  |
| rich          | 1  |

scene 1  
sea 1  
settlement 1  
shopping 1  
shops 1  
sights 1  
sin 1  
size 1  
slums 1  
small 1  
smoke 1  
space 2  
Springfield 1  
state 26  
stores 1  
street 3  
streets 11

tale 1  
ten thousand 1  
theatre 2  
theatres 1  
towers 2  
town 258  
towns 1  
township 1  
traffic 1  
traveling 1  
tumult 1  
turmoil 2

village 44

wagons 1  
welcome 1  
world 1

## 80. SQUARE

accurate 1  
acre 1  
across 1  
active 1  
airy 1  
angle 11  
angles 6  
angular 4  
arithmetic 1  
association 1

bed 1  
best 1

|             |    |
|-------------|----|
| big         | 1  |
| block       | 71 |
| board       | 4  |
| book        | 4  |
| box         | 36 |
| brick       | 2  |
| broad       | 5  |
| building    | 2  |
| business    | 1  |
| carpenter   | 9  |
| carpet      | 1  |
| cars        | 1  |
| center      | 2  |
| Chatham     | 1  |
| checkers    | 1  |
| circle      | 22 |
| circular    | 1  |
| city        | 4  |
| Common      | 1  |
| Commons     | 1  |
| compass     | 5  |
| concert     | 1  |
| Copley      | 1  |
| corner      | 7  |
| corners     | 18 |
| cornered    | 2  |
| correct     | 1  |
| correctness | 1  |
| cover       | 1  |
| crackers    | 1  |
| crooked     | 3  |
| crowd       | 1  |
| cube        | 9  |
| cubic       | 1  |
| cubical     | 1  |
| curse       | 1  |
| curve       | 1  |
| deal        | 1  |
| dealing     | 1  |
| decoration  | 1  |
| desk        | 2  |
| Dewey       | 1  |
| dice        | 4  |
| die         | 1  |
| door        | 2  |
| Düsseldorf  | 1  |
| earth       | 1  |
| ease        | 1  |
| equal       | 6  |
| even        | 19 |

|              |    |
|--------------|----|
| evenness     | 1  |
| exact        | 1  |
| fair         | 3  |
| field        | 4  |
| figure       | 4  |
| file         | 1  |
| flat         | 4  |
| floor        | 1  |
| foot         | 2  |
| form         | 1  |
| four         | 10 |
| frame        | 1  |
| furlong      | 1  |
| garden       | 5  |
| geometry     | 10 |
| Getty        | 1  |
| goods        | 1  |
| grass        | 1  |
| green        | 3  |
| grounds      | 1  |
| hand         | 1  |
| handkerchief | 2  |
| Harlem       | 1  |
| Herald       | 2  |
| heavy        | 1  |
| honest       | 3  |
| honesty      | 1  |
| house        | 5  |
| houses       | 3  |
| inch         | 2  |
| inches       | 1  |
| instrument   | 1  |
| iron         | 1  |
| just         | 1  |
| justice      | 2  |
| junction     | 1  |
| kindergarten | 1  |
| knob         | 1  |
| land         | 2  |
| large        | 5  |
| Lawrence     | 1  |
| length       | 2  |
| level        | 10 |
| lines        | 2  |
| little       | 1  |
| long         | 18 |
| lot          | 1  |

|               |     |
|---------------|-----|
| Madison       | 12  |
| man           | 5   |
| mark          | 1   |
| marks         | 1   |
| masonry       | 1   |
| mathematics   | 2   |
| meal          | 1   |
| measure       | 5   |
| measurement   | 2   |
| measurements  | 1   |
| metal         | 1   |
| mile          | 2   |
| monument      | 1   |
| <br>          |     |
| New York      | 1   |
| <br>          |     |
| object        | 2   |
| oblong        | 32  |
| obtuse        | 1   |
| open          | 1   |
| oval          | 5   |
| <br>          |     |
| paper         | 5   |
| parallel      | 1   |
| parallelogram | 1   |
| park          | 14  |
| pavements     | 1   |
| people        | 2   |
| perfect       | 2   |
| picture       | 1   |
| Pillow        | 2   |
| place         | 4   |
| plane         | 1   |
| plot          | 1   |
| proportion    | 1   |
| public        | 2   |
| <br>          |     |
| quadrangle    | 1   |
| <br>          |     |
| rectangle     | 15  |
| rectangular   | 3   |
| rhomboid      | 1   |
| right         | 5   |
| Rittenhouse   | 1   |
| road          | 1   |
| room          | 5   |
| round         | 250 |
| rule          | 9   |
| ruler         | 3   |
| <br>          |     |
| saddle        | 1   |
| seat          | 1   |

|              |    |
|--------------|----|
| shape        | 6  |
| sharp        | 2  |
| side         | 1  |
| sides        | 6  |
| sidewalk     | 1  |
| size         | 1  |
| sizing       | 1  |
| small        | 6  |
| smooth       | 1  |
| solid        | 2  |
| space        | 1  |
| stand        | 2  |
| steel        | 1  |
| straight     | 7  |
| street       | 9  |
| streets      | 1  |
| sugar        | 1  |
| surface      | 1  |
| surveyor     | 1  |
|              |    |
| table        | 47 |
| thoroughfare | 1  |
| times        | 3  |
| tool         | 13 |
| tree         | 1  |
| trees        | 4  |
| triangle     | 11 |
| true         | 1  |
|              |    |
| uneven       | 1  |
| uniform      | 1  |
| Union        | 4  |
| upright      | 2  |
|              |    |
| village      | 8  |
|              |    |
| Walk         | 1  |
| walks        | 1  |
| wall         | 1  |
| Washington   | 4  |
| wide         | 2  |
| window       | 1  |
| wood         | 5  |
|              |    |
| yard         | 2  |

## 81. BUTTER

|         |     |
|---------|-----|
| bad     | 2   |
| bill    | 2   |
| biscuit | 2   |
| bread   | 206 |

|              |    |
|--------------|----|
| breakfast    | 1  |
| butter       | 1  |
| butterine    | 1  |
| cheese       | 41 |
| churn        | 4  |
| color        | 1  |
| composition  | 1  |
| cooking      | 1  |
| cottolene    | 1  |
| country      | 1  |
| cup          | 1  |
| cow          | 29 |
| cows         | 11 |
| cream        | 34 |
| dairy        | 4  |
| dairying     | 1  |
| diet         | 2  |
| dinner       | 2  |
| dish         | 5  |
| dripping     | 1  |
| eat          | 34 |
| eatable      | 12 |
| eatables     | 2  |
| eating       | 6  |
| edible       | 1  |
| egg          | 2  |
| eggs         | 11 |
| emollient    | 1  |
| excellent    | 1  |
| farm         | 1  |
| farmer       | 1  |
| fat          | 21 |
| fatty        | 1  |
| fish         | 1  |
| flour        | 1  |
| fly          | 7  |
| food         | 63 |
| fresh        | 3  |
| fudge        | 1  |
| goat         | 2  |
| good         | 14 |
| grease       | 76 |
| greasy       | 6  |
| grocer       | 1  |
| healthful    | 1  |
| indifference | 1  |

|               |     |
|---------------|-----|
| ingredients   | 1   |
| jam           | 3   |
| jelly         | 2   |
| kerosene      | 1   |
| knife         | 7   |
| lard          | 15  |
| luxury        | 1   |
| meal          | 1   |
| meat          | 2   |
| melt          | 1   |
| melting       | 2   |
| milk          | 101 |
| molasses      | 1   |
| mush          | 1   |
| nourishment   | 1   |
| nut           | 2   |
| oil           | 9   |
| oily          | 3   |
| oleomargarine | 5   |
| peaches       | 1   |
| plate         | 3   |
| pleasant      | 1   |
| plenty        | 1   |
| pound         | 1   |
| pure          | 1   |
| rancid        | 2   |
| salt          | 13  |
| salty         | 3   |
| salve         | 1   |
| smear         | 1   |
| smooth        | 1   |
| soft          | 65  |
| softness      | 2   |
| sour          | 1   |
| spoon         | 1   |
| spread        | 3   |
| square        | 1   |
| strong        | 2   |
| substance     | 1   |
| sugar         | 4   |
| supper        | 1   |
| sweet         | 12  |
| table         | 2   |

|           |    |
|-----------|----|
| tallow    | 1  |
| taste     | 2  |
| tea       | 2  |
| thin      | 1  |
| tub       | 1  |
| use       | 1  |
| vegetable | 3  |
| yellow    | 80 |

## 82. DOCTOR

|            |   |
|------------|---|
| administer | 1 |
| aid        | 3 |
| ailment    | 1 |
| apparatus  | 1 |
| attendant  | 2 |
| bad        | 1 |
| bag        | 1 |
| beard      | 2 |
| better     | 2 |
| bill       | 3 |
| bills      | 2 |
| bottle     | 1 |
| brains     | 1 |
| brother    | 1 |
| butcher    | 1 |
| C.         | 1 |
| C.         | 1 |
| care       | 2 |
| carriage   | 2 |
| case       | 1 |
| chief      | 1 |
| clergyman  | 1 |
| clever     | 1 |
| college    | 1 |
| convenient | 1 |
| cure       | 9 |
| D.         | 1 |
| D.         | 1 |
| D.         | 1 |
| death      | 1 |
| dentist    | 6 |
| disease    | 5 |
| diseases   | 1 |
| Divinity   | 1 |
| doctress   | 1 |

dog 1  
driving 1  
Dr. 1  
druggist 2

education 2

fakir 2  
false 3  
father 2  
friend 3

G. 1  
G. 1  
gentleman 1  
good 17  
goodness 1  
great 1  
grip 2

healer 5  
healing 2  
health 18  
help 3  
helper 1  
helpful 1  
helpfulness 1  
home 1  
hospital 8

ill 5  
illness 21  
inquisitive 2  
intelligent 2  
interne 1  
invalid 1

K. 1  
K. 1  
killer 1  
kind 1

labor 1  
laboratory 1  
laborer 1  
lamp 1  
lawyer 36  
learned 1  
life 1

M. 1  
McC. 1  
McM. 1

magistrate 1  
male 1  
man 68  
mean 1  
medical 19  
medicine 149  
medicines 1  
merchant 1  
minister 7  
mister 1  
money 1  
murder 1

N. 1  
N. 1  
necessity 2  
need 1  
needed 1  
needful 1  
nice 1  
nurse 41  
nurses 1

O. 1  
office 1  
old 1  
one 1  
operation 1

P. 1  
pain 2  
papa 1  
patient 23  
patients 1  
people 1  
person 3  
pharmacist 1  
physical 1  
physician 213  
pills 1  
practitioner 2  
priest 6  
profession 9  
professional 3

quack 1

relief 6  
relieved 1  
remedy 1

S. 1  
satchel 3

|            |     |
|------------|-----|
| science    | 2   |
| scientist  | 1   |
| sick       | 52  |
| sickness   | 104 |
| smart      | 3   |
| student    | 1   |
| suffering  | 1   |
| supervisor | 1   |
| surgeon    | 5   |
| surgical   | 1   |
| syringe    | 1   |

|           |   |
|-----------|---|
| tend      | 1 |
| treatment | 1 |
| trouble   | 3 |
| trust     | 1 |

|         |   |
|---------|---|
| useful  | 2 |
| useless | 1 |

|       |   |
|-------|---|
| W.    | 1 |
| W.    | 1 |
| W.    | 1 |
| well  | 1 |
| wise  | 1 |
| woman | 2 |
| work  | 1 |

### 83. LOUD

|         |   |
|---------|---|
| angry   | 3 |
| audible | 1 |

|            |    |
|------------|----|
| band       | 1  |
| bawl       | 1  |
| bell       | 5  |
| bells      | 2  |
| birds      | 2  |
| boisterous | 38 |
| boy        | 1  |
| boys       | 2  |
| bright     | 1  |

|          |    |
|----------|----|
| call     | 2  |
| called   | 1  |
| calliope | 1  |
| calm     | 1  |
| cannon   | 12 |
| check    | 1  |
| child    | 1  |
| children | 1  |
| city     | 1  |

|              |    |
|--------------|----|
| clear        | 1  |
| course       | 2  |
| color        | 2  |
| common       | 1  |
| confusion    | 1  |
| cornet       | 1  |
| deaf         | 1  |
| deafening    | 1  |
| din          | 1  |
| disagreeable | 3  |
| discontent   | 1  |
| dislike      | 1  |
| drum         | 3  |
| ear          | 3  |
| easy         | 12 |
| explosion    | 4  |
| fast         | 3  |
| forte        | 1  |
| game         | 1  |
| gong         | 1  |
| graphophone  | 1  |
| gun          | 2  |
| guns         | 1  |
| hammer       | 2  |
| hard         | 2  |
| harsh        | 3  |
| haughty      | 1  |
| hear         | 6  |
| heard        | 1  |
| heavy        | 4  |
| high         | 14 |
| hog          | 1  |
| holler       | 16 |
| horn         | 4  |
| impatient    | 1  |
| knock        | 2  |
| laugh        | 2  |
| laughing     | 2  |
| lofty        | 1  |
| long         | 3  |
| low          | 57 |
| man          | 1  |
| masculine    | 1  |
| megaphone    | 1  |

mellow 1  
mild 1  
mouth 1  
music 7

noise 205  
noisy 112

objectionable 1  
ocean 1  
organ 1  
owl 1

pain 1  
painful 1  
people 1  
person 2  
phonograph 1  
piano 2  
piercing 1  
pistols 1  
power 1

quiet 32  
quietness 1

racket 1  
real 1  
report 1  
rough 2  
rude 2

S. 1  
scream 9  
sharp 2  
shock 1  
shout 6  
shouting 1  
shriek 1  
shrill 9  
shrinking 1  
silent 3  
sing 1  
singer 1  
singing 1  
slow 4  
smart 1  
smooth 1  
socks 1  
soft 165  
softly 1  
song 2  
sound 25

sounds 2  
speak 3  
speech 2  
spoken 2  
still 7  
stone 1  
strong 8  
subway 1  
sweet 1

talk 12  
talking 1  
talker 9  
thunder 9  
tie 1  
tone 1  
trolley 1

uncomfortable 1  
unpleasant 5

voice 27  
voices 1  
vulgar 4

whisper 2  
whistle 17  
wide 1  
wind 3

yell 3  
yelling 2

#### 84. THIEF

absence 1  
abstractor 1  
anger 1  
arrest 1

bad 14  
badness 1  
bandit 1  
bank 1  
beggar 3  
being 1  
betrayed 1  
boy 3  
burglar 118  
burglary 2

careful 2

|             |    |
|-------------|----|
| catch       | 2  |
| caught      | 4  |
| caution     | 1  |
| chief       | 1  |
| clerk       | 1  |
| clothing    | 1  |
| court       | 4  |
| crime       | 2  |
| criminal    | 15 |
| crook       | 3  |
| cry         | 1  |
| culprit     | 2  |
| cute        | 1  |
|             |    |
| dangerous   | 2  |
| dark        | 4  |
| deceit      | 1  |
| detective   | 1  |
| devil       | 1  |
| dishonest   | 11 |
| dishonesty  | 2  |
| dishonor    | 1  |
| dislike     | 1  |
| distrustful | 1  |
| dirt        | 1  |
| dog         | 1  |
| dumb        | 1  |
|             |    |
| enemy       | 1  |
| evil        | 1  |
|             |    |
| fear        | 2  |
| felon       | 1  |
|             |    |
| girl        | 1  |
| glove       | 1  |
| gold        | 2  |
| good        | 1  |
|             |    |
| harsh       | 1  |
| honest      | 18 |
| honesty     | 4  |
| house       | 4  |
| household   | 1  |
|             |    |
| ignorant    | 1  |
| injustice   | 1  |
| interest    | 1  |
| Irish       | 1  |
|             |    |
| jail        | 11 |
| jewelry     | 7  |
| jewels      | 3  |

|              |    |
|--------------|----|
| judge        | 1  |
| jury         | 1  |
| justice      | 2  |
|              |    |
| killed       | 1  |
| kleptomaniac | 1  |
|              |    |
| laugh        | 1  |
| law          | 4  |
| lawyer       | 1  |
| liar         | 6  |
| lock         | 1  |
| loss         | 3  |
| low          | 2  |
|              |    |
| man          | 29 |
| mask         | 1  |
| McClure's    | 1  |
| mean         | 4  |
| meanness     | 1  |
| men          | 1  |
| mercenary    | 1  |
| merchant     | 2  |
| minister     | 2  |
| mischief     | 1  |
| misdemeanor  | 1  |
| mistake      | 1  |
| money        | 16 |
| murder       | 5  |
| murderer     | 3  |
|              |    |
| necessity    | 1  |
| neighbor     | 1  |
| newspaper    | 1  |
| night        | 16 |
| none         | 1  |
| noted        | 1  |
|              |    |
| object       | 1  |
|              |    |
| pencil       | 1  |
| person       | 1  |
| pickpocket   | 2  |
| play         | 1  |
| pocket       | 1  |
| pocketbook   | 1  |
| police       | 8  |
| policeman    | 12 |
| poor         | 1  |
| prison       | 6  |
| prisons      | 1  |
| prisoner     | 1  |
| punishment   | 2  |

|             |     |
|-------------|-----|
| purse       | 1   |
| ran         | 1   |
| rascal      | 4   |
| reverses    | 1   |
| revolver    | 1   |
| rob         | 8   |
| robber      | 126 |
| robbery     | 10  |
| rogue       | 19  |
| roguish     | 1   |
| run         | 1   |
| running     | 2   |
| scare       | 1   |
| schemer     | 1   |
| school      | 1   |
| scoundrel   | 4   |
| shot        | 1   |
| silver      | 4   |
| silverware  | 1   |
| sin         | 1   |
| Sing Sing   | 1   |
| sinner      | 1   |
| sly         | 1   |
| snake       | 1   |
| sneak       | 7   |
| sneaking    | 3   |
| sneaky      | 1   |
| spoils      | 1   |
| steal       | 212 |
| stealing    | 69  |
| steals      | 8   |
| stole       | 9   |
| stolen      | 9   |
| stealer     | 2   |
| stealth     | 1   |
| stealthy    | 2   |
| take        | 5   |
| taking      | 3   |
| time        | 1   |
| tools       | 2   |
| tramp       | 1   |
| treasure    | 1   |
| troublesome | 1   |
| trust       | 1   |
| ugly        | 3   |
| undesirable | 1   |
| unjust      | 1   |
| unreliable  | 1   |

vagrant 1  
valuables 2  
vice 2  
villain 5  
virtue 1

want 1  
watch 3  
waywardness 1  
wicked 4  
wickedness 3  
window 1  
woman 1  
wretched 1  
wrong 3

## 85. LION

Africa 4  
Androcles 1  
anger 1  
angry 2  
animal 326  
animals 3

bear 17  
beast 67  
beautiful 1  
beauty 1  
big 2  
bird 1  
bite 1  
blood 1  
boisterous 1  
bold 2  
Bostock's 1  
brave 4  
bravery 1  
Bronx 1

cage 14  
camel 1  
cat 6  
cave 1  
Christian 1  
circus 2  
claws 2  
cow 1  
crouching 1  
cruel 2  
cub 5  
cubs 2

|            |    |
|------------|----|
| danger     | 5  |
| dangerous  | 6  |
| death      | 1  |
| den        | 13 |
| desert     | 3  |
| devours    | 1  |
| disturber  | 1  |
| dog        | 1  |
| <br>       |    |
| eat        | 1  |
| eats       | 1  |
| elephant   | 3  |
| enraged    | 1  |
| <br>       |    |
| fear       | 3  |
| ferocious  | 16 |
| ferocity   | 1  |
| fierce     | 36 |
| fierceness | 1  |
| forest     | 6  |
| fox        | 1  |
| fright     | 1  |
| frightened | 1  |
| <br>       |    |
| giraffe    | 1  |
| great      | 2  |
| growl      | 1  |
| <br>       |    |
| hair       | 3  |
| hearted    | 1  |
| holler     | 1  |
| horse      | 1  |
| howl       | 1  |
| huge       | 1  |
| hungry     | 1  |
| hunter     | 3  |
| hunting    | 4  |
| hyena      | 1  |
| <br>       |    |
| interested | 1  |
| <br>       |    |
| jealous    | 1  |
| jungle     | 5  |
| jungles    | 1  |
| <br>       |    |
| king       | 16 |
| <br>       |    |
| L.         | 1  |
| lamb       | 6  |
| large      | 3  |
| lioness    | 10 |
| lionized   | 1  |

|           |     |
|-----------|-----|
| lookout   | 1   |
| majestic  | 1   |
| majesty   | 3   |
| mane      | 13  |
| menagerie | 5   |
| mice      | 1   |
| mighty    | 1   |
| monkey    | 1   |
| mouse     | 27  |
| mule      | 1   |
| N.        | 1   |
| noble     | 1   |
| noise     | 1   |
| panther   | 1   |
| park      | 2   |
| paw       | 1   |
| picture   | 1   |
| power     | 5   |
| powerful  | 1   |
| prey      | 1   |
| rage      | 1   |
| raging    | 1   |
| revenge   | 1   |
| roar      | 45  |
| roars     | 3   |
| roaring   | 6   |
| Roosevelt | 8   |
| rough     | 1   |
| savage    | 1   |
| sea       | 1   |
| shaggy    | 1   |
| sharp     | 1   |
| sheep     | 1   |
| small     | 1   |
| stealth   | 1   |
| stealthy  | 1   |
| story     | 1   |
| strength  | 30  |
| strong    | 15  |
| Sultan    | 1   |
| tame      | 4   |
| tamer     | 1   |
| tail      | 1   |
| teeth     | 1   |
| terrible  | 1   |
| tiger     | 102 |
| tigers    | 2   |

|            |    |
|------------|----|
| ugly       | 7  |
| vicious    | 5  |
| walks      | 1  |
| wicked     | 2  |
| wild       | 12 |
| wildness   | 1  |
| wilderness | 2  |
| wilds      | 1  |
| wolf       | 10 |
| woods      | 2  |
| wool       | 1  |
| wrath      | 1  |
| yellow     | 1  |
| zoo        | 5  |
| zoology    | 1  |

#### 86. JOY

|              |    |
|--------------|----|
| action       | 1  |
| amuse        | 1  |
| amusement    | 3  |
| anger        | 1  |
| angry        | 1  |
| anticipation | 1  |
| arrival      | 1  |
| automobile   | 4  |
| ball         | 1  |
| bird         | 1  |
| birth        | 1  |
| birthday     | 1  |
| bitterness   | 1  |
| bless        | 1  |
| blessing     | 1  |
| bliss        | 10 |
| boy          | 1  |
| bright       | 1  |
| brightness   | 1  |
| buoyant      | 1  |
| cheer        | 1  |
| cheerful     | 2  |
| cheerfulness | 3  |
| child        | 2  |
| children     | 1  |
| Christmas    | 2  |
| comes        | 1  |

comfort 11  
comfortable 1  
company 1  
complete 1  
concert 1  
contentment 1

dance 3  
dancing 5  
delight 6  
delighted 2  
delightful 2  
despair 1

ecstasy 1  
elated 2  
emotion 1  
engaged 1  
enjoyment 2  
excitement 3  
expression 2  
extreme 1  
exuberance 1

fair 1  
family 1  
feel 1  
feeling 5  
felt 1  
festivity 1  
fine 2  
food 1  
forever 1  
friends 1  
fullness 1  
fun 6

gaiety 1  
gay 1  
game 1  
gift 1  
girl 2  
girls 1  
glad 27  
gladness 44  
glee 3  
godliness 1  
good 7  
grand 1  
great 7  
grief 18

hands 1

|           |     |
|-----------|-----|
| happiness | 215 |
| happy     | 71  |
| harmony   | 1   |
| health    | 1   |
| heard     | 1   |
| heart     | 3   |
| heaven    | 2   |
| holiday   | 1   |
| home      | 6   |
| hope      | 4   |

inexpressible 1

|          |   |
|----------|---|
| joking   | 1 |
| jubilant | 1 |

|          |    |
|----------|----|
| lady     | 1  |
| laugh    | 7  |
| laughing | 4  |
| laughter | 15 |
| leap     | 1  |
| letter   | 1  |
| life     | 3  |
| light    | 2  |
| like     | 1  |
| line     | 2  |
| lonely   | 1  |
| lots     | 1  |
| love     | 6  |
| loving   | 2  |
| lovely   | 1  |

|            |   |
|------------|---|
| man        | 1 |
| marriage   | 2 |
| meeting    | 2 |
| merriment  | 1 |
| merry      | 1 |
| mirth      | 7 |
| money      | 1 |
| motherhood | 1 |
| much       | 2 |
| music      | 5 |

|       |   |
|-------|---|
| news  | 1 |
| nice  | 2 |
| noise | 1 |

outing 1

|         |    |
|---------|----|
| pain    | 1  |
| passing | 1  |
| peace   | 23 |
| picnic  | 1  |

picnics 1  
pleasant 8  
pleased 3  
pleasure 121  
pride 1

quality 1

rapture 4  
rejoice 2  
rejoicing 1  
relief 2  
ride 7  
riding 2  
rider 1

sad 1  
sadness 13  
sailing 2  
Saturday 1  
seldom 1  
sensation 1  
shouting 1  
show 2  
sing 1  
singing 1  
smile 2  
smiling 1  
song 3  
sorrow 135  
sorry 1  
state 1  
suffering 1  
summer 1  
sunlight 1  
surprise 6  
sweet 4

time 2  
triumph 1  
trouble 3

unalloyed 1  
unattainable 1  
unhappiness 2  
unhappy 1

vacation 1

water 1  
wedding 1  
wetness 1

wish 1  
wonderful 1  
work 2  
wrath 1

youth 1

## 87. BED

animal 1  
asleep 1

baby 1  
bedding 3  
bedstead 4  
blanket 4  
blankets 3  
boat 1  
bowl 1  
brass 3  
bug 2

chair 11  
clean 2  
cleanliness 1  
clothes 12  
clothing 2  
comfort 35  
comforts 1  
comfortable 12  
cot 11  
couch 26  
counterpane 1  
cover 4  
covers 4  
covering 1

desired 1  
dormitory 1  
down 1  
dreamland 1

ease 1  
easiness 1  
easy 2

fatigue 1  
feathers 3  
flannels 1  
floor 1  
folding 2  
frame 1

|              |     |
|--------------|-----|
| furniture    | 26  |
| go           | 1   |
| good         | 7   |
| hammock      | 2   |
| hard         | 5   |
| head         | 1   |
| home         | 2   |
| house        | 2   |
| iron         | 9   |
| joy          | 1   |
| large        | 2   |
| lay          | 8   |
| laziness     | 1   |
| lie          | 21  |
| lounge       | 6   |
| low          | 2   |
| lying        | 8   |
| make         | 1   |
| marriage     | 1   |
| mattress     | 21  |
| narrow       | 1   |
| negro        | 1   |
| night        | 11  |
| object       | 1   |
| pan          | 1   |
| patient      | 3   |
| peace        | 1   |
| pillow       | 17  |
| pillows      | 7   |
| pleasure     | 1   |
| post         | 3   |
| quilts       | 1   |
| recline      | 1   |
| recuperation | 1   |
| refreshing   | 1   |
| repose       | 9   |
| respite      | 1   |
| rest         | 132 |
| resting      | 5   |
| restful      | 1   |
| robe         | 1   |
| room         | 16  |

|            |     |
|------------|-----|
| seat       | 1   |
| sheet      | 6   |
| sheets     | 7   |
| shoes      | 1   |
| sick       | 2   |
| sickness   | 5   |
| sleep      | 345 |
| sleeping   | 41  |
| sleepiness | 3   |
| sleepy     | 7   |
| slumber    | 3   |
| sofa       | 7   |
| soft       | 31  |
| spread     | 5   |
| spring     | 1   |
| springs    | 1   |
| square     | 1   |
| stove      | 1   |
| structure  | 1   |
| table      | 2   |
| tick       | 1   |
| time       | 1   |
| tired      | 7   |
| twilight   | 1   |
| Vassar     | 1   |
| want       | 1   |
| warm       | 1   |
| weariness  | 1   |
| white      | 2   |
| whiteness  | 1   |
| wide       | 1   |
| wood       | 4   |

#### 88. HEAVY

|             |   |
|-------------|---|
| air         | 1 |
| animal      | 1 |
| anvil       | 1 |
| article     | 1 |
| automobile  | 1 |
| avoirdufois | 1 |
| baby        | 1 |
| bad         | 1 |
| bat         | 1 |
| bed         | 2 |
| big         | 3 |
| body        | 1 |

books 3  
boulders 1  
box 1  
boxes 1  
boy 1  
bread 1  
brick 1  
building 1  
bullet 1  
bundle 4  
burden 12  
burdensome 3

cake 1  
cannon 1  
carpet 1  
carry 2  
carrying 1  
cement 1  
chair 1  
change 1  
cloth 1  
clothes 1  
cloudy 1  
coal 4  
coarse 1  
coat 1  
comfort 1  
cumbersome 1

dark 1  
difficult 1  
dirt 1  
disappointment 1  
discomfort 1  
dope 1  
drag 1  
drill 1  
drowsiness 1  
drowsy 10  
dull 3

effort 1  
elephant 3

F. 1  
fall 1  
feel 1  
firmness 1  
full 1

gold 3  
gorgeous 1

|            |     |
|------------|-----|
| grief      | 1   |
| grip       | 2   |
| hammer     | 3   |
| hard       | 38  |
| head       | 2   |
| heart      | 1   |
| hearted    | 2   |
| heft       | 1   |
| help       | 1   |
| horse      | 2   |
| house      | 1   |
| iron       | 70  |
| irons      | 2   |
| labor      | 1   |
| laden      | 2   |
| large      | 18  |
| lead       | 60  |
| lift       | 7   |
| lifting    | 1   |
| light      | 273 |
| lightness  | 1   |
| load       | 57  |
| loadsome   | 1   |
| loud       | 1   |
| machine    | 1   |
| man        | 4   |
| marble     | 1   |
| mountain   | 1   |
| much       | 1   |
| mud        | 1   |
| muscle     | 1   |
| myself     | 1   |
| no         | 1   |
| obliging   | 1   |
| opposing   | 1   |
| oppression | 1   |
| oppressive | 1   |
| package    | 1   |
| pail       | 1   |
| person     | 1   |
| piano      | 1   |
| ponderous  | 2   |
| pound      | 1   |
| pounds     | 1   |
| pressure   | 2   |

|               |    |
|---------------|----|
| quicksilver   | 1  |
| quiet         | 2  |
| rock          | 2  |
| rough         | 1  |
| safe          | 2  |
| sand          | 1  |
| satchel       | 1  |
| scales        | 1  |
| sharp         | 1  |
| ship          | 1  |
| short         | 1  |
| sickness      | 1  |
| sleep         | 3  |
| sleeping      | 1  |
| slothful      | 1  |
| slumber       | 1  |
| soft          | 5  |
| soggy         | 1  |
| solid         | 3  |
| sound         | 1  |
| steel         | 1  |
| stone         | 17 |
| stones        | 2  |
| stout         | 2  |
| stove         | 3  |
| strain        | 1  |
| strength      | 4  |
| strong        | 3  |
| study         | 1  |
| suit          | 1  |
| table         | 5  |
| thick         | 3  |
| things        | 1  |
| thoughtful    | 1  |
| tired         | 21 |
| tiresome      | 2  |
| ton           | 4  |
| tough         | 1  |
| trunk         | 3  |
| uncomfortable | 1  |
| underwear     | 1  |
| very          | 1  |
| weak          | 1  |
| weariness     | 3  |
| weary         | 3  |
| weather       | 1  |
| weigh         | 1  |

|          |     |
|----------|-----|
| weighing | 1   |
| weight   | 177 |
| weighted | 1   |
| weighty  | 22  |
| wood     | 4   |
| work     | 2   |

## 89. TOBACCO

|       |   |
|-------|---|
| amber | 1 |
| anger | 1 |

|        |    |
|--------|----|
| bad    | 10 |
| bite   | 1  |
| bitter | 4  |
| Bob    | 1  |
| breath | 1  |
| brown  | 7  |

|            |    |
|------------|----|
| chew       | 28 |
| chewing    | 13 |
| cigar      | 19 |
| cigars     | 17 |
| cigarette  | 12 |
| cigarettes | 6  |
| comfort    | 2  |
| curse      | 1  |

|              |   |
|--------------|---|
| death        | 1 |
| decay        | 1 |
| deviltry     | 1 |
| dirty        | 6 |
| disagreeable | 3 |
| disgust      | 1 |
| disgusting   | 1 |
| drug         | 3 |
| Durham       | 1 |

|              |   |
|--------------|---|
| elevate      | 1 |
| enjoyed      | 1 |
| enjoyment    | 1 |
| execrable    | 1 |
| exhilaration | 1 |
| evil         | 1 |

|            |   |
|------------|---|
| field      | 1 |
| fields     | 1 |
| filth      | 4 |
| filthiness | 1 |
| filthy     | 1 |
| food       | 1 |

|         |   |
|---------|---|
| garden  | 1 |
| good    | 5 |
| green   | 3 |
| grower  | 1 |
| growing | 1 |

|         |    |
|---------|----|
| habit   | 12 |
| habits  | 1  |
| hard    | 1  |
| herb    | 3  |
| herbs   | 1  |
| horrid  | 1  |
| horrors | 1  |

|            |   |
|------------|---|
| Indian     | 1 |
| injurious  | 3 |
| intoxicate | 1 |

|       |   |
|-------|---|
| juice | 7 |
|-------|---|

|        |    |
|--------|----|
| leaf   | 17 |
| leaves | 2  |
| light  | 1  |
| liquor | 1  |
| lungs  | 1  |
| luxury | 2  |

|     |   |
|-----|---|
| man | 3 |
| men | 1 |

|          |    |
|----------|----|
| narcotic | 10 |
| nasty    | 2  |
| nausea   | 1  |
| nicotine | 18 |
| none     | 1  |
| not      | 1  |
| nuisance | 1  |

|           |   |
|-----------|---|
| obnoxious | 1 |
| odor      | 3 |
| odorous   | 1 |
| opium     | 4 |

|          |    |
|----------|----|
| pipe     | 69 |
| pipes    | 3  |
| plant    | 38 |
| plants   | 1  |
| pleasant | 3  |
| pleasure | 2  |
| poison   | 6  |
| poor     | 1  |
| pouch    | 2  |
| plug     | 1  |

|             |     |
|-------------|-----|
| refrain     | 1   |
| ruin        | 1   |
|             |     |
| scent       | 1   |
| sensation   | 1   |
| sin         | 1   |
| smell       | 5   |
| smoke       | 387 |
| smoking     | 98  |
| smoker      | 1   |
| snuff       | 15  |
| solace      | 1   |
| spit        | 4   |
| stalk       | 1   |
| stars       | 1   |
| stimulant   | 1   |
| stimulants  | 1   |
| strong      | 7   |
| substance   | 1   |
| suffocation | 1   |
| sugar       | 2   |
| sweet       | 2   |
|             |     |
| tasty       | 1   |
| tobacco     | 1   |
|             |     |
| unclean     | 1   |
| unnecessary | 2   |
| unpleasant  | 2   |
| unwholesome | 1   |
| use         | 2   |
| used        | 1   |
| useful      | 1   |
| useless     | 2   |
|             |     |
| vegetable   | 3   |
| vice        | 1   |
| Virginia    | 2   |
| weed        | 44  |
| weeds       | 1   |
| whiff       | 1   |
| whiskey     | 1   |
| wickedness  | 1   |
|             |     |
| yellow      | 1   |
|             |     |
| 90. BABY    |     |
|             |     |
| animal      | 1   |
|             |     |
| beautiful   | 5   |

|           |     |
|-----------|-----|
| beauty    | 2   |
| beginning | 1   |
| being     | 3   |
| bib       | 1   |
| big       | 1   |
| birth     | 1   |
| blessing  | 1   |
| blue      | 1   |
| body      | 2   |
| bonnet    | 1   |
| born      | 2   |
| bottle    | 6   |
| boy       | 32  |
| bread     | 1   |
| buggy     | 1   |
| bundle    | 1   |
| cap       | 1   |
| care      | 3   |
| carriage  | 28  |
| cart      | 2   |
| child     | 239 |
| children  | 3   |
| childhood | 1   |
| chubby    | 1   |
| clothes   | 4   |
| comfort   | 3   |
| cradle    | 22  |
| creation  | 1   |
| crib      | 1   |
| crooning  | 1   |
| cross     | 2   |
| cries     | 3   |
| cry       | 37  |
| crying    | 29  |
| cunning   | 3   |
| cute      | 8   |
| cuteness  | 1   |
| darling   | 4   |
| daughter  | 1   |
| delicate  | 1   |
| dirty     | 1   |
| doll      | 1   |
| dress     | 6   |
| embryonic | 1   |
| eyes      | 1   |
| fair      | 1   |
| family    | 2   |
| fat       | 5   |
| father    | 1   |

|               |     |
|---------------|-----|
| feet          | 1   |
| female        | 1   |
| flesh         | 1   |
| food          | 1   |
| friend        | 1   |
| future        | 1   |
| girl          | 26  |
| good          | 1   |
| goodness      | 1   |
| growth        | 1   |
| happiness     | 1   |
| happy         | 1   |
| harmless      | 1   |
| helpless      | 1   |
| helplessness  | 4   |
| home          | 4   |
| human         | 3   |
| infant        | 168 |
| infinitesimal | 1   |
| innocence     | 10  |
| innocent      | 4   |
| joy           | 7   |
| jump          | 1   |
| kid           | 4   |
| lamb          | 1   |
| laugh         | 1   |
| laughing      | 2   |
| Lawrence      | 1   |
| life          | 2   |
| light         | 1   |
| little        | 12  |
| Lorenzo       | 1   |
| love          | 9   |
| loveliness    | 1   |
| lovely        | 1   |
| mama          | 2   |
| man           | 4   |
| mankind       | 1   |
| Mary          | 1   |
| milk          | 1   |
| mother        | 41  |
| name          | 1   |
| nice          | 5   |
| noise         | 6   |
| noisy         | 1   |

|            |    |
|------------|----|
| nuisance   | 3  |
| nurse      | 7  |
| offspring  | 2  |
| pacifier   | 1  |
| paper      | 1  |
| person     | 2  |
| pink       | 2  |
| play       | 1  |
| pleasant   | 1  |
| pleasure   | 3  |
| population | 1  |
| powder     | 1  |
| pretty     | 7  |
| rattle     | 4  |
| rocker     | 1  |
| round      | 1  |
| Ruth       | 2  |
| sex        | 1  |
| sick       | 1  |
| sickness   | 1  |
| simple     | 1  |
| simplicity | 1  |
| sister     | 2  |
| sleep      | 4  |
| slight     | 1  |
| small      | 42 |
| smallest   | 1  |
| smiling    | 1  |
| soft       | 3  |
| softness   | 2  |
| squalls    | 2  |
| squeal     | 1  |
| squealing  | 1  |
| stout      | 1  |
| sunshine   | 1  |
| sweet      | 23 |
| sweetness  | 7  |
| syrup      | 1  |
| talk       | 1  |
| talks      | 1  |
| tiny       | 1  |
| trouble    | 5  |
| two        | 1  |
| walking    | 1  |
| weak       | 1  |
| weakness   | 1  |
| wee        | 1  |

white 1  
wife 2  
woman 5

yell 2  
young 12  
youngster 1  
youth 4

## 91. MOON

astronomer 1  
astronomy 1  
atmosphere 1

ball 2  
beam 2  
beams 1  
beautiful 7  
beauty 6  
body 7  
bright 52  
brightness 7  
brilliant 1

calm 1  
change 1  
cheese 4  
circle 1  
circular 1  
clear 3  
clouds 2  
cold 4  
coldness 1  
crescent 8  
cute 1

dark 2  
delicate 1  
delightful 1  
dim 1  
distance 4  
dreaming 1

earth 5  
eclipse 3  
equator 1  
evening 6

fair 1  
fire 2

|              |     |
|--------------|-----|
| firmament    | 1   |
| full         | 10  |
| girl         | 1   |
| globe        | 1   |
| glowing      | 1   |
| grand        | 1   |
| great        | 1   |
| guard        | 1   |
| half         | 3   |
| heaven       | 2   |
| heavens      | 3   |
| high         | 4   |
| illumination | 1   |
| lady         | 1   |
| lake         | 1   |
| large        | 9   |
| light        | 231 |
| love         | 3   |
| loveliness   | 1   |
| lovely       | 2   |
| lunar        | 3   |
| man          | 8   |
| moonlight    | 3   |
| mountain     | 1   |
| mystery      | 1   |
| necessary    | 1   |
| new          | 3   |
| night        | 66  |
| object       | 1   |
| ocean        | 1   |
| one          | 1   |
| orbit        | 1   |
| pale         | 2   |
| planet       | 23  |
| planets      | 1   |
| pleasant     | 1   |
| quiet        | 1   |
| reflection   | 1   |
| rise         | 1   |
| rises        | 1   |
| rising       | 1   |
| round        | 33  |
| satellite    | 4   |

|             |     |
|-------------|-----|
| sea         | 2   |
| see         | 1   |
| seeing      | 1   |
| sentimental | 1   |
| shine       | 26  |
| shines      | 4   |
| shining     | 12  |
| shiny       | 12  |
| silver      | 4   |
| silvery     | 6   |
| size        | 1   |
| sky         | 73  |
| solar       | 1   |
| sound       | 1   |
| splendid    | 1   |
| spoon       | 2   |
| spooning    | 1   |
| star        | 32  |
| stars       | 93  |
| starlight   | 1   |
| steamer     | 1   |
| stone       | 1   |
| struck      | 2   |
| sun         | 120 |
| sweet       | 1   |
| turkey      | 1   |
| valuable    | 1   |
| wan         | 1   |
| water       | 2   |
| white       | 8   |
| wish        | 1   |
| yellow      | 11  |

## 92. SCISSORS

|          |    |
|----------|----|
| apart    | 1  |
| article  | 4  |
| barber   | 2  |
| blade    | 1  |
| blades   | 1  |
| blunt    | 1  |
| cloth    | 35 |
| clothing | 1  |
| cord     | 1  |
| crooked  | 1  |

|              |     |
|--------------|-----|
| crossed      | 2   |
| cut          | 347 |
| cutting      | 114 |
| cutlery      | 1   |
| dress        | 1   |
| dressmaker   | 2   |
| dressmaking  | 3   |
| dull         | 6   |
| edge         | 1   |
| fate         | 1   |
| firecrackers | 1   |
| flowers      | 1   |
| garments     | 2   |
| glistening   | 1   |
| goods        | 5   |
| grating      | 1   |
| grind        | 7   |
| handle       | 1   |
| handy        | 1   |
| implement    | 6   |
| instrument   | 36  |
| instruments  | 1   |
| knife        | 66  |
| knives       | 6   |
| lever        | 1   |
| linen        | 1   |
| lost         | 1   |
| machine      | 2   |
| material     | 1   |
| metal        | 1   |
| millinery    | 1   |
| mother       | 1   |
| nails        | 1   |
| necessity    | 1   |
| needle       | 4   |
| needles      | 4   |
| nickle       | 1   |
| nippers      | 1   |
| paper        | 6   |
| point        | 1   |
| pointed      | 1   |

|            |     |
|------------|-----|
| razor      | 1   |
| ruching    | 1   |
| Sarah      | 1   |
| screw      | 1   |
| severing   | 1   |
| sew        | 2   |
| swing      | 10  |
| sharp      | 190 |
| sharpness  | 6   |
| sharpen    | 1   |
| shears     | 40  |
| shut       | 2   |
| silver     | 1   |
| skirt      | 1   |
| spool      | 1   |
| steel      | 23  |
| string     | 1   |
| tailor     | 2   |
| thimble    | 3   |
| thread     | 4   |
| tongs      | 1   |
| tool       | 10  |
| tools      | 1   |
| trousers   | 1   |
| useful     | 1   |
| usefulness | 1   |
| utensil    | 1   |
| weapon     | 1   |
| woman      | 1   |
| work       | 2   |

### 93. QUIET

|            |   |
|------------|---|
| action     | 1 |
| alone      | 2 |
| always     | 1 |
| asleep     | 1 |
| baby       | 2 |
| beautiful  | 1 |
| beauty     | 1 |
| bed        | 1 |
| behave     | 2 |
| boisterous | 5 |
| bore       | 1 |
| boy        | 1 |
| breeze     | 1 |

|             |    |
|-------------|----|
| brook       | 1  |
| butterfly   | 1  |
| calm        | 20 |
| cattle      | 1  |
| child       | 6  |
| children    | 1  |
| church      | 4  |
| color       | 1  |
| comfort     | 2  |
| comfortable | 1  |
| composed    | 1  |
| contented   | 2  |
| country     | 21 |
| Creal       | 1  |
| cricket     | 1  |
| cross       | 3  |
| dark        | 3  |
| darkness    | 1  |
| day         | 8  |
| death       | 2  |
| degree      | 1  |
| demure      | 3  |
| disposition | 1  |
| docile      | 1  |
| dreary      | 1  |
| dull        | 1  |
| dumb        | 1  |
| ease        | 8  |
| easiness    | 1  |
| easy        | 49 |
| evening     | 5  |
| family      | 1  |
| feeling     | 1  |
| genteel     | 1  |
| gentle      | 3  |
| gentleman   | 1  |
| girl        | 2  |
| good        | 7  |
| green       | 1  |
| happy       | 1  |
| harmless    | 2  |
| harsh       | 1  |
| heaven      | 1  |
| home        | 6  |
| hour        | 1  |
| house       | 3  |
| hospital    | 2  |

|              |     |
|--------------|-----|
| humble       | 1   |
| joy          | 1   |
| landscape    | 1   |
| laughing     | 1   |
| library      | 1   |
| life         | 2   |
| like         | 1   |
| loneliness   | 1   |
| lonely       | 3   |
| lonesome     | 2   |
| looks        | 1   |
| lovely       | 1   |
| loud         | 48  |
| low          | 1   |
| man          | 1   |
| melancholy   | 1   |
| mind         | 1   |
| Miss K.      | 1   |
| moon         | 1   |
| mountains    | 1   |
| music        | 1   |
| myself       | 1   |
| nature       | 1   |
| nice         | 2   |
| night        | 38  |
| noise        | 50  |
| noiseless    | 16  |
| noisiness    | 1   |
| noisy        | 113 |
| nook         | 1   |
| park         | 1   |
| peace        | 12  |
| peaceable    | 2   |
| peaceful     | 52  |
| peacefulness | 4   |
| people       | 2   |
| person       | 11  |
| place        | 4   |
| pleasant     | 4   |
| pleasure     | 3   |
| quick        | 1   |
| quite        | 2   |
| rabbits      | 1   |
| refined      | 1   |
| relief       | 1   |
| repose       | 6   |

|            |     |
|------------|-----|
| reserved   | 1   |
| rest       | 68  |
| resting    | 4   |
| restful    | 19  |
| restless   | 2   |
| room       | 6   |
| rough      | 1   |
|            |     |
| sad        | 1   |
| sea        | 1   |
| serene     | 1   |
| sheep      | 1   |
| sickness   | 1   |
| silence    | 18  |
| silent     | 15  |
| sleep      | 24  |
| sleeping   | 3   |
| sleepy     | 1   |
| slow       | 3   |
| slowness   | 1   |
| slumber    | 1   |
| slumbers   | 1   |
| smart      | 1   |
| smooth     | 1   |
| sober      | 1   |
| soft       | 10  |
| softly     | 1   |
| softness   | 1   |
| solemn     | 3   |
| solitude   | 2   |
| soothing   | 3   |
| sound      | 4   |
| soundless  | 2   |
| speechless | 1   |
| state      | 1   |
| steady     | 2   |
| still      | 136 |
| stillness  | 16  |
| study      | 2   |
| stupid     | 1   |
| subdued    | 1   |
| summer     | 1   |
| Sunday     | 1   |
| sweet      | 2   |
|            |     |
| talk       | 2   |
| time       | 1   |
| times      | 1   |
| timid      | 1   |
| tomb       | 1   |
| tranquil   | 1   |
| tree       | 1   |
| twilight   | 1   |

|         |    |
|---------|----|
| village | 1  |
| violent | 1  |
| voice   | 1  |
|         |    |
| walk    | 1  |
| water   | 1  |
| well    | 1  |
| Wilton  | 1  |
| wish    | 1  |
| wood    | 1  |
| woods   | 10 |

#### 94. GREEN

|           |     |
|-----------|-----|
| apple     | 8   |
|           |     |
| beautiful | 2   |
| bird      | 1   |
| black     | 13  |
| bloomy    | 1   |
| blotter   | 2   |
| blue      | 46  |
| book      | 1   |
| bright    | 5   |
| brown     | 8   |
| butterfly | 1   |
|           |     |
| cabbage   | 1   |
| calm      | 1   |
| carpet    | 1   |
| cheese    | 1   |
| cloth     | 3   |
| color     | 200 |
| colors    | 1   |
| comfort   | 1   |
| corn      | 1   |
| country   | 1   |
| covetous  | 1   |
| cucumber  | 2   |
| curtain   | 1   |
|           |     |
| dark      | 8   |
| Dartmouth | 1   |
| definite  | 1   |
| dress     | 6   |
|           |     |
| earth     | 2   |
| envy      | 3   |
| Erin      | 1   |
| eyes      | 4   |

farmer 1  
favorite 1  
field 12  
fields 10  
flag 3  
flower 4  
flowers 2  
foliage 2  
food 1  
foolishness 1  
forest 1  
fresh 3  
fruit 1

gay 1  
glasses 1  
gold 1  
grand 1  
grapes 1  
grass 284  
gray 5  
grew 1  
grief 1  
ground 1

hat 1  
hill 1  
horn 2  
horrid 1  
hue 1

Ireland 6  
Irish 14

jealousy 1

landscape 1  
laurel 1  
lawn 5  
leaf 8  
leaves 13  
light 4

meadow 1  
meadows 1  
mountain 2

name 1  
nature 4

ocean 1  
olive 1  
orange 2

|            |    |
|------------|----|
| paint      | 3  |
| paper      | 2  |
| peaceful   | 1  |
| peas       | 2  |
| pink       | 11 |
| plant      | 6  |
| plants     | 1  |
| pleasant   | 2  |
| pleasing   | 1  |
| pretty     | 4  |
| purple     | 6  |
| quiet      | 2  |
| red        | 42 |
| restful    | 6  |
| ribbon     | 2  |
| ripe       | 2  |
| sea        | 2  |
| shade      | 4  |
| shamrock   | 2  |
| shutters   | 1  |
| sight      | 1  |
| silk       | 1  |
| sky        | 1  |
| slow       | 1  |
| small      | 1  |
| soft       | 1  |
| sour       | 2  |
| spinach    | 1  |
| spring     | 9  |
| stain      | 1  |
| summer     | 1  |
| tea        | 1  |
| tree       | 10 |
| trees      | 29 |
| unripe     | 1  |
| vegetable  | 1  |
| vegetables | 1  |
| verdant    | 3  |
| verdure    | 1  |
| warning    | 1  |
| wearing    | 1  |
| white      | 31 |
| wood       | 1  |
| woods      | 2  |

yellow 54  
young 1

## 95. SALT

acrid 1  
air 3  
apple 1  
apples 2  
article 1

barre 1  
barren 1  
bath 1  
beef 1  
bitter 40  
bowl 1  
box 1  
bread 2  
brine 2  
bromide 1  
butter 7

celery 2  
cellar 9  
chemical 2  
codfish 1  
condiment 2  
cook 1  
cooking 2  
cows 1  
cream 1

deposit 1  
digestible 1  
dinner 3  
dirt 1  
disagreeable 1  
dish 1  
drink 1  
dry 2

earth 5  
eat 17  
eatable 7  
eating 8  
eggs 2  
epileptics 1

finish 1  
fish 4

|            |     |
|------------|-----|
| flavor     | 21  |
| flavoring  | 3   |
| food       | 46  |
| France     | 1   |
| fresh      | 11  |
| glass      | 1   |
| good       | 9   |
| halite     | 1   |
| ham        | 1   |
| hard       | 4   |
| horrid     | 1   |
| ice-cream  | 1   |
| ingredient | 1   |
| Kenilworth | 1   |
| kitchen    | 1   |
| Lake       | 1   |
| life       | 1   |
| lot        | 1   |
| mackerel   | 4   |
| marsh      | 1   |
| meat       | 18  |
| meats      | 1   |
| medicinal  | 1   |
| melt       | 1   |
| mine       | 2   |
| mines      | 3   |
| mineral    | 37  |
| mustard    | 1   |
| NaCl       | 1   |
| necessary  | 5   |
| necessity  | 3   |
| needed     | 1   |
| needful    | 1   |
| nice       | 1   |
| ocean      | 36  |
| pantry     | 1   |
| paper      | 1   |
| pasture    | 1   |
| pepper     | 142 |
| petre      | 1   |
| physic     | 1   |
| pickles    | 1   |
| pork       | 5   |
| potassium  | 1   |

|               |    |
|---------------|----|
| potato        | 2  |
| potatoes      | 4  |
| powder        | 1  |
| preparation   | 1  |
| preservation  | 2  |
| preservatives | 1  |
| preserving    | 1  |
| quotation     | 1  |
| refreshing    | 1  |
| relish        | 4  |
| rock          | 7  |
| rocks         | 1  |
| saline        | 1  |
| saltpetre     | 1  |
| salty         | 3  |
| sandwiches    | 1  |
| Saratoga      | 1  |
| saving        | 1  |
| savor         | 10 |
| savory        | 1  |
| sea           | 18 |
| season        | 12 |
| seasoning     | 31 |
| shake         | 2  |
| shaker        | 4  |
| sharp         | 8  |
| sheep         | 1  |
| smart         | 1  |
| snapping      | 1  |
| sodium        | 1  |
| soup          | 2  |
| sour          | 18 |
| spice         | 5  |
| spill         | 1  |
| stickiness    | 1  |
| sugar         | 88 |
| sweet         | 27 |
| Syracuse      | 1  |
| table         | 14 |
| tart          | 2  |
| taste         | 87 |
| tasting       | 1  |
| tasteful      | 2  |
| tasty         | 6  |
| tasteless     | 1  |
| temper        | 1  |
| thirst        | 4  |
| thirsty       | 2  |
| trees         | 1  |

|            |    |
|------------|----|
| use        | 7  |
| useful     | 2  |
| uses       | 1  |
| using      | 1  |
| vegetable  | 5  |
| vegetables | 1  |
| victuals   | 1  |
| vinegar    | 1  |
| water      | 34 |
| wet        | 2  |
| white      | 36 |

## 96. STREET

|             |    |
|-------------|----|
| air         | 1  |
| alley       | 18 |
| asphalt     | 6  |
| automobiles | 1  |
| avenue      | 63 |
| avenues     | 1  |
| better      | 1  |
| bitter      | 1  |
| block       | 12 |
| boulevard   | 3  |
| Bowery      | 1  |
| boy         | 2  |
| brick       | 1  |
| broad       | 2  |
| Broadway    | 6  |
| Brooklyn    | 1  |
| building    | 1  |
| business    | 1  |
| busy        | 4  |
| byway       | 1  |
| car         | 10 |
| cars        | 8  |
| carriage    | 1  |
| city        | 82 |
| Clarkson    | 1  |
| clean       | 7  |
| cleaner     | 1  |
| colors      | 1  |
| confusion   | 1  |
| congestion  | 1  |
| corner      | 2  |
| country     | 1  |

crooked 2  
cross 1  
crowd 3  
crowded 1

dark 1  
Devon 1  
direct 1  
directions 1  
dirt 4  
dirty 5  
distance 1  
drive 1  
driving 1  
driveway 2  
dry 1  
dust 4  
dusty 5  
dwellings 1

earth 1  
Eighty-sixth 1  
Eleventh 1  
Elm 1  
even 1

fertile 1  
Fifteenth 1  
fine 1  
flags 2  
Forty-third 1

garden 1  
going 1  
gravel 1  
gutter 2

hard 1  
heat 1  
Hester 1  
highway 7  
home 1  
horses 2  
hot 1  
house 11  
houses 21  
hustle 1

land 3  
lane 21  
large 1  
length 1  
light 1

live 2  
location 2  
lonely 1  
long 29

Main 5  
Market 1  
Maxfield 1  
motion 1  
mud 1  
musician 1

name 2  
narrow 21  
New York 3  
nice 1  
noise 8  
noisy 5  
number 12  
numbers 1

One-fifteenth 1  
One-sixteenth 1  
opening 1

passage 11  
passageway 1  
passway 2  
path 12  
pathway 2  
pave 1  
paved 13  
pavement 25  
paving 1  
pebble 1  
pecan 1  
people 22  
place 16  
Pleasant 2  
Pleasure 1  
pretty 2

racket 1  
residence 1  
road 91  
roads 4  
roadway 2

see 1  
shopping 1  
short 3  
sidewalk 26  
sidewalks 2

Sixty-seventh 1  
Sixty-third 2  
smooth 2  
space 1  
square 4  
stone 8  
stones 8  
straight 17  
sun 1  
sweep 1

tenements 1  
terrace 1  
thoroughfare 23  
town 26  
tracks 1  
traffic 7  
travel 8  
tree 1  
trees 1  
trolley 2  
turmoil 1

vehicles 1  
village 9

wagon 3  
wagons 2  
walk 78  
walking 23  
walks 2  
Wall 1  
Washington 1  
way 14  
wet 1  
white 1  
wide 35  
width 1  
Woodhull 1

#### 97. KING

Albert 1  
all 1  
Alphonso 3  
antiquity 1  
Arthur 1  
authority 4

bad 1  
boss 1

|            |    |
|------------|----|
| card       | 1  |
| cards      | 1  |
| chess      | 2  |
| chief      | 1  |
| command    | 3  |
| commanding | 1  |
| commander  | 9  |
| conqueror  | 2  |
| country    | 13 |
| court      | 1  |
| courtier   | 1  |
| crown      | 63 |
| crowned    | 2  |
| daughter   | 1  |
| diamonds   | 1  |
| dignity    | 1  |
| dislike    | 1  |
| dog        | 1  |
| duke       | 1  |
| Edward     | 30 |
| emperor    | 11 |
| empire     | 3  |
| England    | 20 |
| ermine     | 1  |
| family     | 1  |
| farce      | 1  |
| first      | 1  |
| fool       | 1  |
| foreign    | 1  |
| friend     | 1  |
| garment    | 1  |
| George     | 2  |
| glory      | 1  |
| good       | 1  |
| govern     | 1  |
| government | 4  |
| governor   | 6  |
| great      | 2  |
| greatness  | 1  |
| Hamlet     | 1  |
| happy      | 1  |
| head       | 8  |
| helmet     | 1  |
| Henry      | 2  |
| high       | 2  |
| Holland    | 1  |
| honorable  | 1  |

|             |     |
|-------------|-----|
| horrible    | 1   |
| imperial    | 1   |
| inheritance | 1   |
| Italy       | 1   |
| John        | 1   |
| judgement   | 1   |
| Kaiser      | 2   |
| king        | 1   |
| kingdom     | 5   |
| large       | 1   |
| law         | 1   |
| leader      | 2   |
| lion        | 1   |
| lord        | 1   |
| Louis XVI.  | 1   |
| loyal       | 1   |
| majestic    | 1   |
| majesty     | 8   |
| male        | 2   |
| man         | 43  |
| master      | 3   |
| mean        | 1   |
| Midas       | 1   |
| monarch     | 49  |
| monarchy    | 4   |
| nation      | 1   |
| nobility    | 1   |
| noble       | 3   |
| nobleman    | 2   |
| none        | 1   |
| officer     | 1   |
| old         | 1   |
| palace      | 2   |
| person      | 6   |
| picture     | 1   |
| pompous     | 2   |
| Power       | 18  |
| powerful    | 4   |
| president   | 4   |
| princess    | 1   |
| Prussia     | 1   |
| queen       | 354 |
| regal       | 1   |

|           |     |
|-----------|-----|
| regent    | 1   |
| reign     | 8   |
| rich      | 1   |
| Richard   | 1   |
| royal     | 2   |
| royalty   | 5   |
| rule      | 10  |
| rules     | 4   |
| ruler     | 162 |
|           |     |
| saxony    | 1   |
| scepter   | 2   |
| slave     | 1   |
| somebody  | 1   |
| sovereign | 8   |
| Spain     | 1   |
| stories   | 1   |
| subject   | 2   |
| supreme   | 1   |
|           |     |
| throne    | 21  |
| title     | 1   |
| town      | 1   |
| tyrant    | 1   |

#### 98. CHEESE

|             |     |
|-------------|-----|
| American    | 2   |
|             |     |
| bacteria    | 1   |
| bad         | 2   |
| beer        | 2   |
| biscuit     | 1   |
| bitter      | 6   |
| box         | 2   |
| bread       | 56  |
| brick       | 1   |
| butter      | 136 |
| buttermilk  | 2   |
|             |     |
| cake        | 8   |
| Camembert   | 2   |
| casein      | 1   |
| chalk       | 1   |
| cheesecloth | 1   |
| churn       | 1   |
| cloth       | 4   |
| cold        | 1   |
| color       | 4   |
| corn        | 1   |
| cow         | 9   |
| cows        | 3   |

|                 |    |
|-----------------|----|
| cracker         | 1  |
| crackers        | 30 |
| cream           | 30 |
| creamery        | 1  |
| crust           | 1  |
| curd            | 9  |
| curds           | 3  |
| cut             | 2  |
| cutter          | 1  |
|                 |    |
| dairy           | 4  |
| delicatessen    | 2  |
| derby           | 1  |
| diet            | 2  |
| digestible      | 1  |
| digestion       | 1  |
| dinner          | 2  |
| dish            | 1  |
| dislike         | 4  |
| Dutch           | 1  |
|                 |    |
| eagle           | 1  |
| eat             | 67 |
| eating          | 29 |
| eaten           | 1  |
| eatable         | 19 |
| eatables        | 3  |
| edible          | 1  |
| eggs            | 2  |
|                 |    |
| factory         | 1  |
| fat             | 2  |
| feast           | 1  |
| fine            | 1  |
| fondness        | 1  |
| food            | 91 |
| fresh           | 2  |
| fromage de Brie | 1  |
|                 |    |
| good            | 15 |
| green           | 5  |
| grocer          | 1  |
| grocery         | 1  |
|                 |    |
| ham             | 1  |
| hard            | 2  |
| head            | 1  |
| heap            | 1  |
| hole            | 2  |
| holes           | 2  |
| holey           | 2  |
| hoops           | 1  |
| hunger          | 1  |

|             |     |
|-------------|-----|
| hungry      | 1   |
| indigestion | 1   |
| jam         | 1   |
| kind        | 1   |
| knife       | 4   |
| Limburger   | 13  |
| lump        | 1   |
| lunch       | 2   |
| macaroni    | 1   |
| maggot      | 1   |
| maggots     | 2   |
| meat        | 1   |
| mice        | 25  |
| microbes    | 1   |
| mild        | 1   |
| milk        | 106 |
| milky       | 1   |
| mixture     | 1   |
| moon        | 2   |
| mould       | 1   |
| mouldy      | 1   |
| mouse       | 13  |
| mustard     | 2   |
| nice        | 1   |
| nourishment | 1   |
| nutrition   | 1   |
| odor        | 9   |
| odorous     | 1   |
| pickles     | 1   |
| pie         | 6   |
| plain       | 1   |
| plate       | 1   |
| poor        | 1   |
| poultry     | 1   |
| price       | 1   |
| product     | 2   |
| rarebit     | 4   |
| rat         | 8   |
| rats        | 7   |
| red         | 1   |
| resentment  | 1   |
| rich        | 1   |
| Roquefort   | 4   |
| rough       | 1   |

|               |    |
|---------------|----|
| round         | 2  |
| sage          | 1  |
| salt          | 1  |
| sandwich      | 8  |
| sandwiches    | 2  |
| sauce         | 1  |
| scent         | 1  |
| Switzer       | 2  |
| sharp         | 3  |
| skippers      | 1  |
| smell         | 33 |
| smells        | 1  |
| soft          | 7  |
| solid         | 2  |
| sour          | 5  |
| strengthening | 1  |
| strong        | 12 |
| sugar         | 1  |
| supper        | 5  |
| sweet         | 2  |
| Swiss         | 16 |
| Switzerland   | 1  |
| taste         | 8  |
| tasty         | 1  |
| thin          | 1  |
| vegetable     | 5  |
| vegetables    | 1  |
| wafers        | 1  |
| white         | 3  |
| worms         | 1  |
| yellow        | 32 |

#### 99. BLOSSOM

|           |    |
|-----------|----|
| apple     | 50 |
| apples    | 4  |
| art       | 1  |
| beautiful | 10 |
| beauty    | 9  |
| beginning | 1  |
| berries   | 1  |
| bloom     | 28 |
| blooming  | 7  |
| blow      | 1  |
| book      | 1  |

bright 4  
bud 23  
buds 3  
bursting 1  
bush 1  
bushes 2  
buttercups 1

cherries 5  
cherry 4  
clematis 1  
clover 1  
color 5  
colors 1  
country 1

dainty 1  
daisy 2  
delicate 1

eat 1

fair 2  
falling 1  
falls 1  
field 3  
flower 467  
flowers 73  
foliage 1  
forth 2  
fragrance 6  
fragrant 4  
frail 1  
fruit 39

garden 2  
gin 1  
girl 1  
green 1  
grow 2  
growth 2

handsome 1  
happiness 1  
hepatica 1

leaf 3  
leaves 1  
lilacs 2  
lily 1

magnificent 1  
May 2

|              |    |
|--------------|----|
| mimosa       | 1  |
| nice         | 1  |
| odor         | 2  |
| orange       | 2  |
| orchard      | 2  |
| pansies      | 1  |
| pansy        | 1  |
| peacefulness | 1  |
| peach        | 4  |
| petal        | 1  |
| petals       | 1  |
| picking      | 1  |
| pink         | 7  |
| plant        | 13 |
| pleasure     | 1  |
| plum         | 1  |
| pour         | 1  |
| pretty       | 15 |
| red          | 3  |
| rose         | 17 |
| roses        | 4  |
| scent        | 1  |
| seeds        | 1  |
| shrubberies  | 1  |
| small        | 1  |
| smell        | 2  |
| soft         | 1  |
| spring       | 23 |
| sprout       | 1  |
| stem         | 1  |
| summer       | 4  |
| sun          | 1  |
| sweet        | 15 |
| T.           | 1  |
| tree         | 40 |
| trees        | 17 |
| vine         | 1  |
| violet       | 3  |
| weeds        | 1  |
| white        | 8  |
| yellow       | 2  |
| youth        | 1  |

## 100. AFRAID

|              |    |
|--------------|----|
| accidents    | 1  |
| action       | 1  |
| alarm        | 2  |
| always       | 2  |
| anger        | 3  |
| angry        | 2  |
| animal       | 2  |
| animals      | 2  |
| anxiety      | 1  |
| automobile   | 2  |
| awful        | 1  |
| backwardness | 1  |
| bad          | 2  |
| bashful      | 2  |
| battle       | 1  |
| bears        | 1  |
| blow         | 1  |
| bold         | 2  |
| boy          | 1  |
| brave        | 18 |
| bravery      | 1  |
| brother      | 1  |
| burglar      | 3  |
| burglars     | 2  |
| careful      | 1  |
| cat          | 2  |
| cheerfulness | 1  |
| child        | 8  |
| children     | 1  |
| cold         | 1  |
| comfort      | 1  |
| comforted    | 1  |
| company      | 1  |
| confidence   | 1  |
| conscience   | 1  |
| courage      | 11 |
| courageous   | 5  |
| cow          | 1  |
| cows         | 1  |
| coward       | 53 |
| cowardice    | 5  |
| cowardly     | 3  |
| crowd        | 1  |
| crying       | 1  |
| danger       | 15 |
| dangerous    | 2  |
| dare         | 1  |

|            |     |
|------------|-----|
| dark       | 114 |
| darkness   | 16  |
| death      | 2   |
| deep       | 1   |
| depressed  | 1   |
| desire     | 1   |
| dislike    | 1   |
| do         | 1   |
| dog        | 1   |
| dogs       | 1   |
| don't      | 1   |
| doubt      | 1   |
| dread      | 7   |
| dreading   | 1   |
| dreadful   | 1   |
| dream      | 1   |
| emotion    | 2   |
| faith      | 2   |
| fear       | 197 |
| fearful    | 8   |
| fearless   | 8   |
| feeling    | 2   |
| fierce     | 1   |
| forward    | 1   |
| fright     | 9   |
| frighten   | 2   |
| frightened | 48  |
| frightful  | 1   |
| frog       | 1   |
| gallant    | 1   |
| ghost      | 4   |
| ghosts     | 2   |
| girl       | 1   |
| go         | 4   |
| goblins    | 1   |
| God        | 1   |
| guilty     | 1   |
| happy      | 1   |
| harm       | 2   |
| heart      | 1   |
| heroism    | 1   |
| hide       | 1   |
| home       | 1   |
| hope       | 1   |
| horse      | 1   |
| hurt       | 1   |
| insect     | 1   |

|             |    |
|-------------|----|
| joy         | 1  |
| joyful      | 1  |
| licked      | 1  |
| lightning   | 1  |
| lion        | 3  |
| loneliness  | 1  |
| lonely      | 3  |
| lonesome    | 5  |
| loss        | 1  |
| man         | 3  |
| manner      | 1  |
| memory      | 1  |
| mild        | 1  |
| Miss K.     | 1  |
| mice        | 1  |
| mouse       | 2  |
| need        | 1  |
| nerve       | 2  |
| nerves      | 1  |
| nervous     | 55 |
| nervousness | 4  |
| never       | 3  |
| night       | 12 |
| no          | 3  |
| nobody      | 1  |
| noise       | 2  |
| noisy       | 1  |
| not         | 1  |
| nothing     | 5  |
| obsession   | 1  |
| opposition  | 1  |
| palpitation | 1  |
| patient     | 1  |
| patients    | 1  |
| plucky      | 1  |
| police      | 1  |
| quiet       | 1  |
| rat         | 1  |
| rats        | 1  |
| retreat     | 1  |
| riot        | 1  |
| robbers     | 2  |
| rocks       | 1  |
| run         | 4  |
| running     | 1  |

|             |     |
|-------------|-----|
| scare       | 1   |
| scared      | 106 |
| scary       | 1   |
| scream      | 1   |
| sensitive   | 1   |
| shiver      | 1   |
| shrinking   | 2   |
| shudder     | 1   |
| shy         | 2   |
| sickness    | 1   |
| sleep       | 1   |
| soldier     | 1   |
| somebody    | 1   |
| sore        | 1   |
| sorrow      | 2   |
| sorry       | 1   |
| spirit      | 1   |
| spiritual   | 1   |
| startled    | 1   |
| startling   | 1   |
| stay        | 1   |
| stillness   | 1   |
| strong      | 1   |
| suddenness  | 1   |
| suffering   | 1   |
| sure        | 1   |
| tempted     | 1   |
| terrified   | 1   |
| terror      | 9   |
| thief       | 3   |
| thought     | 1   |
| threaten    | 1   |
| thunder     | 1   |
| timid       | 55  |
| timidity    | 2   |
| to-night    | 1   |
| tremble     | 2   |
| trouble     | 1   |
| trust       | 1   |
| unable      | 1   |
| uncertain   | 1   |
| uneasy      | 5   |
| unhappiness | 1   |
| unknown     | 1   |
| unprotected | 1   |
| woman       | 1   |
| women       | 1   |
| worried     | 1   |
| worry       | 3   |

## APPENDIX TO THE FREQUENCY TABLES

### General Rules

1. Any word combination which is to be found in the frequency tables, but only in the reverse order from that in which it occurs in a test record under consideration, is to be classed as a normal reaction.

2. Any reaction word which is a synonym or an antonym of the corresponding stimulus word is to be classed as normal.

### 1. TABLE

Any food or meal.

Any room or apartment

Any article of table linen, china, silver, or furnishings.

Word designating any special variety of tables.

Any word pertaining to appetite.

### 2. DARK

Any source of illumination.

Any enclosure from which light is wholly or in a large measure excluded.

Word referring to physiological pigmentation of tissues exposed to view.

Any division of the diurnal cycle.

Any color or coloring material.

Anything which obscures light.

### 3. MUSIC

Any musical instrument.

Name of any composer or musician.

Special or general name of any musical composition.

Term designating rhythm, tempo, loudness, or pitch.

Name of any dance.

Term expressing subjective effect of music.

#### 4. SICKNESS

Term designating any disease, symptom, injury, or physiological function.

Any cause of disease.

Any means or measure of treatment of disease.

Any anatomical organ or region.

Word denoting mode of termination, results, consequences, or indirect effects of disease.

Any term of prognostic import.

Common or proper name of any person.

#### 5. MAN

Word denoting or implying age of a person.

Any of the well-known male sexual characteristics.

Occupation or profession more or less peculiarly masculine.

Word pertaining to familial relationships or domestic organization.

Word pertaining to sexual relationships; any word denoting the opposite sex.

The proper name of any male person.

Any article of male apparel.

#### 6. DEEP

Any vessel or container.

Any natural or artificial body of water.

Any depression of surface.

Any object naturally situated or often artificially placed at a comparatively great distance below the surface.

Any act of progress from surface to depth.

## 7. SOFT

Any article of food.

Any fabric.

## 8. EATING

Any article of table linen, china, or silver.

Any organ of digestion; any function of nutrition.

Any article of food; any meal.

Any private or public eating place.

Word denoting taste.

## 9. MOUNTAIN

Name of any mountain, mountain range, or mountainous country.

Word pertaining to shape, geological composition, fauna, or flora of mountains or mountainous regions.

Any term of physical geography.

## 10. HOUSES

Any place of house location.

Any part of a house.

Any material used in the construction of a house.

Any part of the process of construction of a house.

Laborer or mechanic having to do with the construction of a house.

Any commercial term pertaining to ownership, taxes, mortgages, sale, renting, or occupancy of a house.

Any article of furniture.

## 11. BLACK

Any object or substance that is always or often black or dark in color.

Any color.

Word denoting limitation or obscuration of light.

Any word clearly related to the word Black used as a proper name.

## 12. MUTTON

Any article of food; any meal.

Any animal, or class or group of animals, whose meat is used for human consumption as food.

Any article of table linen, china, silver; any cooking utensil.

Word designating any person engaged in the preparation of meats for consumption.

Word denoting any process employed in the preparation of meats for consumption.

## 13. COMFORT

Any agreeable or disagreeable subjective state.

Any object, act, or condition that contributes to comfort or produces discomfort.

## 14. HAND

Any simple function of the hand; work requiring special manipulation.

Word denoting skill or any degree of skill.

Any part or any tissue of the body.

## 15. SHORT

Any word involving the concept of duration.

Common or proper name of any person.

Any word denoting shape, relative or absolute dimension, or distance.

Any object in which characteristically one dimension exceeds any other.

#### 16. FRUIT

Any article of food; any meal.

Any process employed in the cultivation of fruits or in their preparation for consumption.

Word designating any person engaged in the cultivation of fruits or in their preparation for consumption.

Any article of table linen, china, or silver.

#### 17. BUTTERFLY

Any bird, worm, or insect

Any flower.

Any color.

#### 18. SMOOTH

Any object possessing a smooth surface as a characteristic feature.

Any fabric.

#### 19. COMMAND

Word denoting any means of influence of one mind upon another intended to produce acquiescence.

Word denoting or implying acquiescence or lack of it.

Term applied to any commanding officer or to any person in authority.

#### 20. CHAIR

Any article of furniture.

Any room or apartment

#### 21. SWEET

Any substance having a sweet taste.

Common or proper name of a child' or woman.

## 22. WHISTLE

Any instrument or any animal producing a shrill musical sound.

## 33. WOMAN

Word denoting or implying age of a person.

Any of the well-known female sexual characteristics.

Occupation or profession more or less peculiarly feminine.

Word pertaining to familial relationships or domestic organization.

Word pertaining to sexual relationships; any word denoting the opposite sex.

Name of any female person.

Any article of female apparel.

## 24. COLD

Name of any location characterized by low temperature.

Any illness or symptom which may be caused by exposure to cold.

Any division of the annual cycle.

Any food that is always or often served cold.

Any means or measure of protection against cold.

Any state of the natural elements causing a sensation of cold.

Word denoting subjective characterization of or reaction to cold.

## 25. SLOW

Any means or manner of locomotion.

Any word involving the concept of rate of progress with reference either to time or to intensity of action.

Common or proper name of any person.

## 26. WISH

Word implying fulfillment of a wish either by achievement or through acquiescence.

Word implying non-fulfillment of a wish.

Word denoting any state of longing or anticipation.

Word denoting any state free from longing or anticipation.

Word denoting a prayer or request.

Word denoting a state of happiness.

## 27. RIVER

Any body of water.

Any part of a river.

Any plant or animal living in rivers.

Any term of physical geography.

Any vessel or contrivance for navigation.

## 28. WHITE

Any object or substance that is always or often white or very light in color.

Any color.

Any word clearly related to the word White used as a proper name.

## 29. BEAUTIFUL

Any word denoting aesthetic pleasure.

Name or any female person.

Any product of the fine arts or of decorative handicraft.

Any decorative plant or flower.

Any article of attire.

Natural scenery.

Any division of the diurnal cycle.

### 30. WINDOW

Any word pertaining to illumination.

Word pertaining to movements of air.

Any attachment to a window for the control of transmission of light or air.

Any building or apartment

### 31. ROUGH

Any object or substance which is characteristically rough to the touch.

Word denoting or implying irregularity of surface.

Any skin lesion which may impart to the skin the quality of roughness.

Any word implying carelessness, lack of consideration, or crudeness; any word used to designate action or conduct which may be characterized as careless, inconsiderate, or crude.

### 32. CITIZEN

Any word pertaining to political organization, or to factors either favorable or unfavorable to it.

Any term or proper name of political geography.

Common or proper name of any male person.

### 33. FOOT

Any means or manner of locomotion involving the use of the feet.

Any part or any tissue of the animal body.

Any article of foot-wear.

Any way constructed or used for walking.

Any unit of linear measure.

#### 34. SPIDER

Word employed to designate subjective characterization of or reaction to an object of dislike.

Any insect.

Word pertaining to the characteristic habits of spiders, with reference either to location and construction of nest, or to manner of catching prey.

#### 35. NEEDLE

Any material used in making clothes.

Any special sewing operation; any occupation in which sewing constitutes part of the work.

Any special kind of needles.

Any instrument which is used in connection with a needle in any operation, or of which a needle forms a part.

#### 36. RED

Word which may be used to express subjective characterization of the red color.

Any object or substance which is always or often red in color.

Anything which is by convention or common usage connected with the red color.

Any organ, tissue, or lesion, exposed to view, which may have a red color imparted to it by the blood or by physiological pigment

Any color or coloring material.

Any word implying light through incandescence.

#### 37. SLEEP

Word denoting somnolence or a state of lowered consciousness; anything which is a cause of somnolence or of lowered consciousness; anything which induces a desire to sleep.

Word denoting a state of active consciousness or a transition from lowered to more active consciousness.

Any division of the diurnal cycle.

Any word more or less commonly used to characterize sleep in any way.

Any article of bedding, bed-linen, or night-clothes.

Any article of furniture used for sitting or lying.

### 38. ANGER

Any affective state; any common demonstration of emotion.

Any common cause or provocation of anger.

Action or conduct caused by anger; word used to characterize such action or conduct.

### 39. CARPET

Any material of which carpets are made.

Any article of house furniture, hangings, or decorations.

Word denoting home, house, or any part of a house.

Word pertaining to the manufacture or care of carpets, or denoting a person engaged in the manufacture, sale, or care of carpets.

Any country especially noted for the manufacture of carpets or rugs.

Any color.

### 40. GIRL

Word denoting or implying age of a person.

Any of the well-known female sexual characteristics.

Occupation or profession more or less peculiarly feminine.

Word pertaining to familial relationships or domestic organization.

Word pertaining to sexual relationships; any word denoting the opposite sex.

Name of any female person.

Any part of a person's body.

Any article of female apparel.

#### 41. HIGH

Any word denoting or implying skill, training, achievement, or position.

Any word denoting or implying valuation.

Any architectural structure.

Any object of which the vertical dimension characteristically exceeds any other.

Any act of progress from a lower to a higher level.

Name of any mountain or mountain range.

Anything characteristically situated at a high level.

Anything characteristically variable in height.

#### 42. WORKING

Any occupation, profession, art, or labor.

Direct results or consequences of work.

Any place of employment.

Rest, recreation, inaction, or disinclination to work.

Word denoting energy, material, capital, equipment.

#### 43. SOUR

Any substance or object which is always or often sour in taste.

Any word denoting a taste or flavor quality.

#### 44. EARTH

Any substance which enters into the composition of soil.

Word pertaining to the utilization or cultivation of natural resources; any product of agriculture.

Any term of physical geography, geology, mineralogy, meteorology, or astronomy.

#### 45. TROUBLE

Any affective state.

Any general cause of active emotional states.

Any common manifestation of emotion.

Word denoting or implying defeat.

Word denoting or implying caution or lack of it.

Any task.

#### 46. SOLDIER

Word pertaining to military organization.

Word pertaining to any military operation.

Word pertaining to military discipline or to military decoration.

Any article of military or naval equipment or attire.

Common or proper name of any male person.

Name of any country.

Word pertaining to political organization.

#### 47. CABBAGE

Any article of food; any meal.

Any article of table linen, china, silver; any cooking utensil.

Any process of cooking.

Word used to designate any person engaged in the cultivation of cabbages or in their preparation for consumption.

#### 48. HARD

Any solid article of food.

Word denoting or implying impact.

Any task or labor.

Any substance which is hard or unyielding.

Any agency or process by which a substance is solidified or hardened.

Any article of furniture used for sitting or lying.

Any trait of disposition characterized by lack of readiness to yield or lack of consideration for others.

#### 49. EAGLE

Any bird.

Any piece of currency.

Anything in connection with which the word eagle is used in a symbolic sense.

#### 50. STOMACH

Any anatomical organ or region.

Any article of food; any meal.

Word pertaining to ingestion and assimilation of food.

Term denoting health or disease; any medicament.

#### 51. STEM

Any object which has a stem.

Any part of a plant.

Any object which is long, slender, and more or less rigid.

#### 52. LAMP

Any means or source of illumination.

Word denoting or implying illumination.

#### 53. DREAM

Any product of imagination.

Any psychical phenomenon; any part of the psychical organ.

Word denoting or implying unreality or uselessness.

Word denoting or implying mystery or occultism.

Any division of the diurnal cycle.

Any article of bedding, bed-linen or night-clothes.

Any article of furniture used for sitting or lying.

Any narcotic substance.

#### 54. YELLOW

Word which may be used to denote subjective characterization of the yellow color.

Any object or substance which is always or often yellow in color.

Any color or coloring material.

#### 55. BREAD

Any article of food; any meal

Any article of table linen, china, or silver; any cooking utensil.

Any private or public eating place.

Word pertaining to ingestion and assimilation of food.

Any ceremony in connection with which bread is used.

#### 56. JUSTICE

Any word implying crime or tendency to crime, legal trial, retribution or lack of it, or repentance.

Any officer of the law.

Word pertaining to judiciary organization.

Word denoting any kind of ethical relationship.

Any deity.

The name of any justice or judge.

Any function of a judicial authority.

Any word denoting or implying equality.

#### 57. BOY

Word denoting or implying age of a person.

Word pertaining to familial relationships or domestic organization.

Word pertaining to sexual relationships; any word denoting the opposite sex.

Common or proper name of any male person.

Any part of a person's body.

Any article of male apparel.

Any common boys toy or game.

Word pertaining to educational organization.

#### 58. LIGHT

Any source, apparatus, or means of illumination.

Any color or coloring material.

Word implying light through incandescence.

Any term of optics; any optical phenomenon.

Any object or substance which is characteristically light in weight.

#### 59. HEALTH

Any emotion; any common manifestation of emotion.

Any disease or symptom.

Word pertaining to prevention or treatment of disease.

Word pertaining to any normal bodily function.

Word pertaining to the preservation of health.

Word denoting or implying a state of health.

Any athletic sport or form of exercise.

Any anatomical organ or region.

#### 60. BIBLE

Name of any personage mentioned in the Bible.

Any religion or religious denomination.

Any name or attribute employed in reference to the Deity.

Any article or act of religious ritual.

Word denoting or implying belief, disbelief, or doubt.

Any term of theology.

#### 61. MEMORY

Word pertaining to operations, faculties, endowment, training, or condition of the mind.

Word denoting any degree of accuracy.

Word denoting the cranium; any part of the psychical organ.

Word pertaining to the past.

Any word implying transiency.

Any subject of study involving the exercise of memory.

Any method or means for the reinforcement of memory.

Any of the senses.

Word denoting retention.

#### 62. SHEEP

Any animal raised or hunted for clothing material, for food, or for its services as a beast of burden.

Any product manufactured from the skin or wool of sheep.

Any of the more or less distinctive characteristics of sheep.

Any food product derived from sheep.

### 63. BATH

Word denoting or implying an effect of bathing on the body.

Any body of water.

Any kind of bath; any part of bath, lavatory, or toilet equipment.

Any material of which a bathing equipment is largely made.

Word denoting a state of partial or complete undress.

Any beach or bathing resort.

Any aquatic feat of gymnastics.

### 64. COTTAGE

Word pertaining to landscape gardening.

Any place of cottage location.

Any part of a house; any color.

Any material used in the construction of a cottage.

Any laborer or mechanic having to do with the construction of a cottage.

Any part of the process of construction of a cottage.

Any commercial term pertaining to ownership, taxes, mortgages, sale, renting, or occupancy of a cottage.

Any article of furniture.

### 65. SWIFT

Any means or manner of locomotion.

Word denoting or implying motion or rate of motion.

Any animal or familiar object characterized by rapid locomotion.

Any word clearly related to the word Swift used as a proper name.

### 66. BLUE

Word which may be used to express subjective characterization of the blue color.

Any object or substance which is always or often blue in color.

Anything which is by convention or common usage connected with the blue color.

Any organ, tissue, or lesion, exposed to view, which may have a blue color imparted to it by the blood or by physiological pigment.

Any color or coloring material.

#### 67. HUNGRY

Any animal.

Any article of food; any meal.

Word denoting taste or flavor.

Word denoting or implying privation or torture.

Any article of table linen, china, or silver.

Any private or public eating place.

Any organ of digestion; any function of nutrition.

Word designating any person engaged in the preparation or sale of foods.

#### 68. PRIEST

Any religion or denomination.

Any article or act of religious ritual.

Any term of theology.

Word denoting or implying sanctity.

Word denoting or implying belief, disbelief, or doubt.

Word pertaining to church organization.

Proper name of any priest.

Any article of clerical attire.

Any profession more or less peculiarly masculine.

#### 69. OCEAN

Any body of water.

Any plant or animal living in the ocean.

Any term of physical geography.

Any vessel or contrivance for navigation.

Word pertaining to navigation; any nautical term.

Common or proper name of any place bordering on the ocean.

Any aquatic feat of gymnastics.

#### 70. HEAD

Any organization which has a person occupying the highest office.

Word denoting or implying the highest office of any organization.

Any intellectual faculty, quality, or operation.

Any part of the head.

Any pathological condition affecting the head.

#### 71. STOVE

Any part of a stove.

Any kitchen utensil.

Any artificial heating apparatus; any fuel.

Any manner of cooking; any person engaged in cooking food.

Any article of household furniture.

#### 72. LONG

Any word involving the concept of duration.

Word denoting shape, relative or absolute dimension, or distance.

Any object in which characteristically one dimension exceeds any other.

#### 73. RELIGION

Any religion or denomination; the name of any race or nation.

Any term of theology.

Any branch of metaphysical philosophy.

#### 74. WHISKEY

Any beverage; the name of any brand of whiskey.

Any material of which whiskey is made.

Word denoting taste or flavor.

Any occasion or ceremony commonly associated with the use of alcoholic beverages.

Word denoting a state of lowered consciousness.

Any physiological or pathological effect of alcohol; also any well known, indirect effect.

#### 75. CHILD

Word denoting or implying age of a person.

Word pertaining to familial relationships or domestic organization.

Name of any person.

Any part of a person's body.

Any article of a child's apparel.

Any common child's toy or game.

Word pertaining to educational organization.

Any word descriptive of the natural physical or mental make-up of a child, or of the rate or degree of physical or mental development.

Word pertaining to any custom or ceremony connected with the birth or rearing of children.

Any term of obstetrics.

Any word clearly related to the word Child used as a proper name.

#### 76. BITTER

Any substance having a bitter, sour, sweet, or salt taste, or a complex taste quality which may be characterized as strong.

Word denoting a taste or flavor quality.

Any organ of taste.

Any word in connection with which the word bitter may be used in the sense of poignant.

#### 77. HAMMER

Any tool or weapon.

Any trade involving the use of a hammer.

#### 78. THIRSTY

Any beverage.

Any animal.

Word denoting taste or taste quality.

Any part of the upper end of the digestive tract.

Any drinking place; any container of a beverage.

Any fruit; any dessert.

Any food ingredient commonly known to excite thirst.

#### 79. CITY

Name of any division of political geography.

Any architectural structure.

Any part of a city.

Word pertaining to the political organization of a city.

#### 80. SQUARE

The name of any city.

The name of any square in a city or town.

Any geometrical figure or part of one.

Any object that is always or often square in shape.

Any device used in the arts for measuring angles, arcs, or distances between points.

Any part of a carpenter's or draughtsman's square.

Any trade involving the use of the square.

#### 81. BUTTER

Any article of food; any meal.

Any article of table linen, china, or silver; any cooking utensil.

Any process of cooking.

#### 82. DOCTOR

The name of any physician.

Any medical speciality or practice.

Any medical or surgical procedure.

Any therapeutic remedy or method.

Any organization for the treatment of disease.

Name of any injury or disease.

#### 83. LOUD

Any sound or sound quality.

Any part of the human vocal apparatus.

Any act of vocalization.

Any musical instrument.

Any apparatus for making sound signals.

Word denoting renown or commendation.

#### 84. THIEF

Word denoting crime or wrongdoing.

Word denoting any circumstance propitious for theft.

Any common measure for the prevention or punishment of crime.

Any judicial, police, or penal authority.

Any readily portable article of value.

Word denoting renown.

#### 85. LION

Word denoting or implying fear.

Any animal.

#### 86. JOY

Word denoting a state, quality, faculty, or function of the mind.

Any common manifestation of emotion.

Any occasion, act, or means of recreation or of pleasurable excitement.

#### 87. BED

Any article of bedding, bed linen, or night-clothes.

Any article of furniture.

Any living room, apartment, or building.

Any part of a room.

Any division of the diurnal cycle.

Any material of which beds are made.

Word pertaining to sleep or rest.

#### 88. HEAVY

Word denoting or implying weight or lightness.

Any object or substance which characteristically possesses the quality of either great weight or marked lightness.

Any means of support or suspension.

Any fabric; any article of clothing or bedding.

Word denoting something to be carried or transferred.

Any painful emotion.

Word denoting a state of lowered consciousness.

#### 89. TOBACCO

The name of any brand or variety of tobacco.

Term denoting any common quality of tobacco.

Any physiological or pathological effect of tobacco.

Any word which expresses subjective characterization of tobacco.

#### 90. BABY

Word denoting or implying age or size of a person.

Word pertaining to familial relationships or domestic organization.

Name of any person.

Any part of a person's body.

Any article of a child's apparel.

Any common child's toy or game.

Word pertaining to any custom or ceremony connected with the birth or rearing of children.

Any term of obstetrics.

#### 91. MOON

Any term of astronomy.

Word denoting or implying illumination or obscuration of light.

Any division of the diurnal cycle.

#### 92. SCISSORS

Any operation or handicraft involving the use of scissors.

Any fabric; any article of clothing.

Any metal of which scissors are made.

Any tool for cutting, piercing, or sharpening.

Any operation of cutting, piercing, or sharpening.

### 93. QUIET

Any place where silence usually prevails or is enforced.

Word denoting or implying a state of lowered psychical activity or of psychical inhibition.

Word denoting heightened psychical activity.

Any word pertaining to the emotions.

### 94. GREEN

Word which may be used to express subjective characterization of the green color.

Any object or substance which is always or often green in color.

Anything which is by convention or common usage connected with the green color.

Any color or coloring material.

Any plant, collection of plants, or part of a plant.

Any word clearly related to the word Green used as a proper name.

### 95. SALT

Any article of food that is usually seasoned with salt; any seasoning; any relish.

Any article of table linen, china, or silver.

Any process of cooking.

Any term of chemistry.

### 96. STREET

Name of any street or city.

Any part of a street.

Any building.

Any manner or means of locomotion commonly employed in traveling through streets.

#### 97. KING

Any name of the Deity.

The proper or common name of any ruler of a nation or of a smaller municipality.

Any nation or country.

Any title of nobility.

Any word clearly related to the word King used as a proper name.

#### 98. CHEESE

Any article of food; any meal.

Word denoting any variety of cheese.

Word pertaining to taste, flavor, or odor.

Word pertaining to appetite.

Any article of table linen, china, or silver.

#### 99. BLOSSOM

Any plant, collection of plants, or part of a plant.

Any term of botany.

Any division of the annual cycle.

#### 100. AFRAID

Any affective state; any common demonstration of emotion.

Any common object of fear.

Word denoting or implying danger, courage; any means of defense or

protection against danger.

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Any object which has a stem.

Any part of a plant.

Any object which is long, slender, and more or less rigid.

## 52. LAMP

Any means or source of illumination.

Word denoting or implying illumination.

## 53. DREAM

Any product of imagination.

Any psychical phenomenon; any part of the psychical organ.

Word denoting or implying unreality or uselessness.

Word denoting or implying mystery or occultism.

Any division of the diurnal cycle.

Any article of bedding, bed-linen or night-clothes.

Any article of furniture used for sitting or lying.

Any narcotic substance.

#### 54. YELLOW

Word which may be used to denote subjective characterization of the yellow color.

Any object or substance which is always or often yellow in color.

Any color or coloring material.

#### 55. BREAD

Any article of food; any meal

Any article of table linen, china, or silver; any cooking utensil.

Any private or public eating place.

Word pertaining to ingestion and assimilation of food.

Any ceremony in connection with which bread is used.

## 56. JUSTICE

Any word implying crime or tendency to crime, legal trial, retribution or lack of it, or repentance.

Any officer of the law.

Word pertaining to judiciary organization.

Word denoting any kind of ethical relationship.

Any deity.

The name of any justice or judge.

Any function of a judicial authority.

Any word denoting or implying equality.

57. BOY

Word denoting or implying age of a person.

Word pertaining to familial relationships or domestic organization.

Word pertaining to sexual relationships; any word denoting the  
opposite sex.

Common or proper name of any male person.

Any part of a person's body.

Any article of male apparel.

Any common boys toy or game.

Word pertaining to educational organization.

58. LIGHT

Any source, apparatus, or means of illumination.

Any color or coloring material.

Word implying light through incandescence.

Any term of optics; any optical phenomenon.

Any object or substance which is characteristically light in weight.

#### 59. HEALTH

Any emotion; any common manifestation of emotion.

Any disease or symptom.

Word pertaining to prevention or treatment of disease.

Word pertaining to any normal bodily function.

Word pertaining to the preservation of health.

Word denoting or implying a state of health.

Any athletic sport or form of exercise.

Any anatomical organ or region.

## 60. BIBLE

Name of any personage mentioned in the Bible.

Any religion or religious denomination.

Any name or attribute employed in reference to the Deity.

Any article or act of religious ritual.

Word denoting or implying belief, disbelief, or doubt.

Any term of theology.

## 61. MEMORY

Word pertaining to operations, faculties, endowment, training, or condition of the mind.

Word denoting any degree of accuracy.

Word denoting the cranium; any part of the psychical organ.

Word pertaining to the past.

Any word implying transiency.

Any subject of study involving the exercise of memory.

Any method or means for the reinforcement of memory.

Any of the senses.

Word denoting retention.

## 62. SHEEP

Any animal raised or hunted for clothing material, for food, or for its services as a beast of burden.

Any product manufactured from the skin or wool of sheep.

Any of the more or less distinctive characteristics of sheep.

Any food product derived from sheep.

## 63. BATH

Word denoting or implying an effect of bathing on the body.

Any body of water.

Any kind of bath; any part of bath, lavatory, or toilet equipment.

Any material of which a bathing equipment is largely made.

Word denoting a state of partial or complete undress.

Any beach or bathing resort.

Any aquatic feat of gymnastics.

#### 64. COTTAGE

Word pertaining to landscape gardening.

Any place of cottage location.

Any part of a house; any color.

Any material used in the construction of a cottage.

Any laborer or mechanic having to do with the construction of a cottage.

Any part of the process of construction of a cottage.

Any commercial term pertaining to ownership, taxes, mortgages, sale, renting, or occupancy of a cottage.

Any article of furniture.

#### 65. SWIFT

Any means or manner of locomotion.

Word denoting or implying motion or rate of motion.

Any animal or familiar object characterized by rapid locomotion.

Any word clearly related to the word Swift used as a proper name.

#### 66. BLUE

Word which may be used to express subjective characterization of the blue color.

Any object or substance which is always or often blue in color.

Anything which is by convention or common usage connected with the blue color.

Any organ, tissue, or lesion, exposed to view, which may have a blue color imparted to it by the blood or by physiological pigment.

Any color or coloring material.

#### 67. HUNGRY

Any animal.

Any article of food; any meal.

Word denoting taste or flavor.

Word denoting or implying privation or torture.

Any article of table linen, china, or silver.

Any private or public eating place.

Any organ of digestion; any function of nutrition.

Word designating any person engaged in the preparation or sale of foods.

68. PRIEST

Any religion or denomination.

Any article or act of religious ritual.

Any term of theology.

Word denoting or implying sanctity.

Word denoting or implying belief, disbelief, or doubt.

Word pertaining to church organization.

Proper name of any priest.

Any article of clerical attire.

Any profession more or less peculiarly masculine.

69. OCEAN

Any body of water.

Any plant or animal living in the ocean.

Any term of physical geography.

Any vessel or contrivance for navigation.

Word pertaining to navigation; any nautical term.

Common or proper name of any place bordering on the ocean.

Any aquatic feat of gymnastics.

## 70. HEAD

Any organization which has a person occupying the highest office.

Word denoting or implying the highest office of any organization.

Any intellectual faculty, quality, or operation.

Any part of the head.

Any pathological condition affecting the head.

## 71. STOVE

Any part of a stove.

Any kitchen utensil.

Any artificial heating apparatus; any fuel.

Any manner of cooking; any person engaged in cooking food.

Any article of household furniture.

## 72. LONG

Any word involving the concept of duration.

Word denoting shape, relative or absolute dimension, or distance.

Any object in which characteristically one dimension exceeds any other.

## 73. RELIGION

Any religion or denomination; the name of any race or nation.

Any term of theology.

Any branch of metaphysical philosophy.

#### 74. WHISKEY

Any beverage; the name of any brand of whiskey.

Any material of which whiskey is made.

Word denoting taste or flavor.

Any occasion or ceremony commonly associated with the use of alcoholic beverages.

Word denoting a state of lowered consciousness.

Any physiological or pathological effect of alcohol; also any well known, indirect effect.

#### 75. CHILD

Word denoting or implying age of a person.

Word pertaining to familial relationships or domestic organization.

Name of any person.

Any part of a person's body.

Any article of a child's apparel.

Any common child's toy or game.

Word pertaining to educational organization.

Any word descriptive of the natural physical or mental make-up of a child, or of the rate or degree of physical or mental development.

Word pertaining to any custom or ceremony connected with the birth or rearing of children.

Any term of obstetrics.

Any word clearly related to the word Child used as a proper name.

76. BITTER

Any substance having a bitter, sour, sweet, or salt taste, or a

complex taste quality which may be characterized as strong.

Word denoting a taste or flavor quality.

Any organ of taste.

Any word in connection with which the word bitter may be used in the sense of poignant.

#### 77. HAMMER

Any tool or weapon.

Any trade involving the use of a hammer.

#### 78. THIRSTY

Any beverage.

Any animal.

Word denoting taste or taste quality.

Any part of the upper end of the digestive tract.

Any drinking place; any container of a beverage.

Any fruit; any dessert.

Any food ingredient commonly known to excite thirst.

## 79. CITY

Name of any division of political geography.

Any architectural structure.

Any part of a city.

Word pertaining to the political organization of a city.

## 80. SQUARE

The name of any city.

The name of any square in a city or town.

Any geometrical figure or part of one.

Any object that is always or often square in shape.

Any device used in the arts for measuring angles, arcs, or distances between points.

Any part of a carpenter's or draughtsman's square.

Any trade involving the use of the square.

## 81. BUTTER

Any article of food; any meal.

Any article of table linen, china, or silver; any cooking utensil.

Any process of cooking.

## 82. DOCTOR

The name of any physician.

Any medical speciality or practice.

Any medical or surgical procedure.

Any therapeutic remedy or method.

Any organization for the treatment of disease.

Name of any injury or disease.

### 83. LOUD

Any sound or sound quality.

Any part of the human vocal apparatus.

Any act of vocalization.

Any musical instrument.

Any apparatus for making sound signals.

Word denoting renown or commendation.

### 84. THIEF

Word denoting crime or wrongdoing.

Word denoting any circumstance propitious for theft.

Any common measure for the prevention or punishment of crime.

Any judicial, police, or penal authority.

Any readily portable article of value.

Word denoting renown.

85. LION

Word denoting or implying fear.

Any animal.

86. JOY

Word denoting a state, quality, faculty, or function of the mind.

Any common manifestation of emotion.

Any occasion, act, or means of recreation or of pleasurable excitement.

87. BED

Any article of bedding, bed linen, or night-clothes.

Any article of furniture.

Any living room, apartment, or building.

Any part of a room.

Any division of the diurnal cycle.

Any material of which beds are made.

Word pertaining to sleep or rest.

88. HEAVY

Word denoting or implying weight or lightness.

Any object or substance which characteristically possesses the quality  
of either great weight or marked lightness.

Any means of support or suspension.

Any fabric; any article of clothing or bedding.

Word denoting something to be carried or transferred.

Any painful emotion.

Word denoting a state of lowered consciousness.

#### 89. TOBACCO

The name of any brand or variety of tobacco.

Term denoting any common quality of tobacco.

Any physiological or pathological effect of tobacco.

Any word which expresses subjective characterization of tobacco.

#### 90. BABY

Word denoting or implying age or size of a person.

Word pertaining to familial relationships or domestic organization.

Name of any person.

Any part of a person's body.

Any article of a child's apparel.

Any common child's toy or game.

Word pertaining to any custom or ceremony connected with the birth or rearing of children.

Any term of obstetrics.

#### 91. MOON

Any term of astronomy.

Word denoting or implying illumination or obscuration of light.

Any division of the diurnal cycle.

#### 92. SCISSORS

Any operation or handicraft involving the use of scissors.

Any fabric; any article of clothing.

Any metal of which scissors are made.

Any tool for cutting, piercing, or sharpening.

Any operation of cutting, piercing, or sharpening.

### 93. QUIET

Any place where silence usually prevails or is enforced.

Word denoting or implying a state of lowered psychical activity or of psychical inhibition.

Word denoting heightened psychical activity.

Any word pertaining to the emotions.

### 94. GREEN

Word which may be used to express subjective characterization of the green color.

Any object or substance which is always or often green in color.

Anything which is by convention or common usage connected with the green color.

Any color or coloring material.

Any plant, collection of plants, or part of a plant.

Any word clearly related to the word Green used as a proper name.

#### 95. SALT

Any article of food that is usually seasoned with salt; any seasoning; any relish.

Any article of table linen, china, or silver.

Any process of cooking.

Any term of chemistry.

#### 96. STREET

Name of any street or city.

Any part of a street.

Any building.

Any manner or means of locomotion commonly employed in traveling through streets.

#### 97. KING

Any name of the Deity.

The proper or common name of any ruler of a nation or of a smaller municipality.

Any nation or country.

Any title of nobility.

Any word clearly related to the word King used as a proper name.

#### 98. CHEESE

Any article of food; any meal.

Word denoting any variety of cheese.

Word pertaining to taste, flavor, or odor.

Word pertaining to appetite.

Any article of table linen, china, or silver.

#### 99. BLOSSOM

Any plant, collection of plants, or part of a plant.

Any term of botany.

Any division of the annual cycle.

#### 100. AFRAID

Any affective state; any common demonstration of emotion.

Any common object of fear.

Word denoting or implying danger, courage; any means of defense or protection against danger.

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by Grace Helen Kent

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