

| (7) JOCKEY CLUB.              |   |
|-------------------------------|---|
| Spirit of rose.....oz.        | 4 |
| Essence of rose.....          | 1 |
| "    "    tuberose.....       | 4 |
| "    "    cassie.....         | 2 |
| "    "    jasmine.....        | 1 |
| "    "    orange flowers..... | 1 |
| Tincture of civit.....        | 2 |
| "    "    musk.....           | 1 |

| (8) LAVENDER EXTRACT.          |         |
|--------------------------------|---------|
| Oil of lavender (Mitcham)..... | drams 4 |
| Essence of rose.....oz.        | 2       |
| Deodorized alcohol.....        | 14      |

| (9) LILY OF THE VALLEY OR WHITE POND LILY. |         |
|--------------------------------------------|---------|
| Essence of tuberose.....oz.                | 8       |
| "    "    jasmine.....                     | 1       |
| "    "    orange flowers.....              | 1       |
| "    "    cassie.....                      | 2       |
| "    "    rose.....                        | 2       |
| Spirit of rose.....                        | 1       |
| Tincture of vanilla.....                   | 1       |
| Oil of bitter almonds.....                 | drops 2 |

| (10) MILLEFEURS (THOUSAND FLOWERS). |         |
|-------------------------------------|---------|
| Spirit of rose.....oz.              | 2       |
| Essence of rose.....                | 1       |
| "    "    jasmine.....              | 4       |
| "    "    orange flowers.....       | 1       |
| "    "    cassie.....               | 2       |
| Tincture of orris.....              | 2       |
| "    "    tonka.....                | drams 4 |
| "    "    ambergris.....            | 4       |
| "    "    musk.....                 | 4       |
| Oil of bitter almonds.....          | drops 3 |
| "    "    neroli petale.....        | 3       |
| "    "    cloves.....               | 3       |
| "    "    bergamot.....             | 120     |

| (11) MUSK.               |    |
|--------------------------|----|
| Tincture of musk.....oz. | 11 |
| Spirit of rose.....      | 4  |
| Tincture of civit.....   | 1  |

This is rather a high-priced article, but the tincture of musk can be reduced one-half with alcohol, and still yield a satisfactory result.

| (12) NEW-MOWN HAY.           |          |
|------------------------------|----------|
| Tincture of tonka.....oz.    | 6        |
| Spirit of rose.....          | 2        |
| Essence of rose.....         | 2        |
| "    "    jasmine.....       | 2        |
| Oil of neroli petale.....    | drops 10 |
| "    "    rose geranium..... | 60       |
| Deodorized alcohol.....oz.   | 4        |

| (13) NIGHT-BLOOMING CEREUS. |   |
|-----------------------------|---|
| Spirit of rose.....oz.      | 4 |
| Essence of jasmine.....     | 4 |
| Tincture of tonka.....      | 2 |
| "    "    civit.....        | 2 |
| "    "    benzoin.....      | 4 |

| (14) ORANGE FLOWER EXTRACT.       |    |
|-----------------------------------|----|
| Essence of orange flowers.....oz. | 12 |
| "    "    cassie.....             | 2  |
| Tincture of musk.....             | 2  |

| (15) PATCHOULY.             |          |
|-----------------------------|----------|
| Oil of patchouly drops..... | drops 75 |
| "    "    rose.....         | 15       |
| Deodorized alcohol.....oz.  | 16       |

| SWEET PEA.                    |   |
|-------------------------------|---|
| Essence of tuberose.....oz.   | 5 |
| "    "    orange flowers..... | 5 |
| "    "    rose.....           | 5 |
| Tincture of tonka.....        | 1 |

| (16) CLOVER PINK.             |          |
|-------------------------------|----------|
| Essence of rose.....oz.       | 6        |
| "    "    cassie.....         | 4        |
| Spirit of orange flowers..... | 4        |
| Tincture of vanilla.....      | 2        |
| Oil of cloves.....            | drops 10 |

| (17) RONDOLETIA.                  |          |
|-----------------------------------|----------|
| Tincture of musk.....drams        | 4        |
| "    "    ambergris.....          | 4        |
| "    "    vanilla.....            | 4        |
| Oil of bergamot.....              | 1        |
| "    "    lavender (Mitcham)..... | drams 2  |
| "    "    cloves.....             | 2        |
| "    "    rose.....               | drops 30 |
| Deodorized alcohol.....oz.        | 14       |

| (18) ROSE.                |   |
|---------------------------|---|
| White Rose (No. 1).       |   |
| Spirit of rose.....oz.    | 8 |
| Essence of rose.....      | 3 |
| "    "    jasmine.....    | 4 |
| Extract of patchouly..... | 1 |

| (19) White Rose (No. 2). |          |
|--------------------------|----------|
| Oil of rose.....drams    | 2        |
| "    "    geranium.....  | drops 30 |
| Essence of rose.....oz.  | 4        |
| Deodorized alcohol.....  | 16       |
| Essence of jasmine.....  | 2        |
| Tincture of musk.....    | 1        |
| "    "    ambergris..... | 1        |

Extract of white rose is a general favorite and cannot be recommended too highly.

| (20) MOSS ROSE.                |   |
|--------------------------------|---|
| Spirit of rose.....oz.         | 9 |
| Essence of orange flowers..... | 8 |
| "    "    rose.....            | 2 |
| Tincture of civit.....         | 1 |
| "    "    musk.....            | 1 |

| (21) TEA ROSE.                 |          |
|--------------------------------|----------|
| Essence of rose.....oz.        | 4        |
| Spirit ".....                  | 8        |
| "    "    santal.....          | 2        |
| Essence of orange flowers..... | 1        |
| Tincture of orris.....         | 1        |
| Oil of rose geranium.....      | drops 20 |

| (22) SPRING FLOWERS.       |         |
|----------------------------|---------|
| Essence of rose.....oz.    | 7       |
| "    "    violet.....      | 6       |
| Oil of bergamot.....       | drams 1 |
| Spirit of rose.....oz.     | 1       |
| Tincture of ambergris..... | 1       |
| Essence of cassie.....     | 1       |

| (23) TUBEROSE EXTRACT.      |    |
|-----------------------------|----|
| Essence of tuberose.....oz. | 15 |
| Tincture of ambergris.....  | 1  |

| (24) UPPER TEN.                |          |
|--------------------------------|----------|
| Tincture of vanilla.....oz.    | 4        |
| "    "    ambergris.....       | 3        |
| "    "    orris.....           | 3        |
| Spirit of rose.....            | 3        |
| Essence of orange flowers..... | 3        |
| Oil of bergamot.....           | drops 90 |
| "    "    lemon.....           | 15       |

| (25) VERBENA.                     |     |
|-----------------------------------|-----|
| Oil of lemon grass.....drams      | 50  |
| "    "    lemon.....              | 320 |
| "    "    neroli petale.....      | 20  |
| "    "    orange.....             | 160 |
| Essence of orange flowers.....oz. | 3   |
| "    "    tuberose.....           | 3   |
| Spirit of rose.....               | 3   |
| Deodorized alcohol.....           | 6   |

| (26) VERBENA (NO. 2).        |          |
|------------------------------|----------|
| Oil of lemon grass.....drams | 3        |
| "    "    lemon.....         | 3        |
| "    "    orange.....        | drops 30 |
| Deodorized alcohol.....oz.   | 15       |

| (27) VIOLET.               |    |
|----------------------------|----|
| Essence of violets.....oz. | 11 |
| "    "    cassie.....      | 2  |
| Tincture of musk.....      | 1  |
| "    "    orris.....       | 2  |

| (28) VIOLET (NO. 2).          |   |
|-------------------------------|---|
| Essence of cassie.....oz.     | 6 |
| "    "    rose.....           | 3 |
| "    "    tuberose.....       | 3 |
| Tincture of orris.....        | 3 |
| Spirit of bitter almonds..... | 1 |

| (29) WOOD VIOLET.                  |    |
|------------------------------------|----|
| Extract of violets (No. 2).....oz. | 16 |
| Oil of bitter almonds.....         | 15 |

| (30) YLANG YLANG.       |   |
|-------------------------|---|
| Spirit of ylang.....oz. | 8 |
| "    "    rose.....     | 4 |
| Essence of jasmine..... | 2 |
| Tincture of civit.....  | 2 |

This is my favorite; it combines fragrance and lasting qualities at a moderate price.

| (31) WHITE LILAC.             |    |
|-------------------------------|----|
| Essence of tuberose.....oz.   | 12 |
| "    "    orange flowers..... | 3  |
| Tincture of civit.....drams   | 4  |
| Spirit of ylang.....          | 4  |
| Oil of bitter almonds.....    | 3  |

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## The Disinfection of the Dust of Rooms.

Dr. P. Miguel has recently made a comparative study of the disinfectants available for the disinfection of living rooms. He condemns, first of all, the system by which the public can procure the most dangerous antiseptics, notably corrosive sublimate.

The experiments of the author have been chiefly made upon the dry dust of rooms, and have tried the effect of vapors of various volatile substances on microbes.

The classification of acid vapors in the order of their destructive activity with regard to microbes is as follows:

Osmic acid.  
Hydrochloric acid.  
Nitro-hydrochloric acid.  
Formic acid.  
Hydrocyanic acid.  
Sulphurous acid.  
Acetic acid.

Ammoniacal vapors are not capable of destroying the germs of all bacteria, and are, moreover, inactive against the spores of the anthrax bacillus; they act injuriously upon objects exposed to their action.

*Methylic alcohol*, though possessing an energetic disinfecting power, belongs to the class of antiseptics whose action is incomplete.

*Ethylic alcohol*, in some cases, is an unreliable bactericide, but in many cases gives satisfactory results.

The *butylic* and *amyllic alcohol* are slow and inactive bactericides.

*Formaldehyde* seems to be a bactericide of altogether remarkable power, and the author thinks it is destined to supplant all the other antiseptics as soon as its cost is sufficiently reduced to make its general application practicable. The vapors of a 1 per cent. solution of formaldehyde will destroy all microbes and all germs of the typhus micro-organisms. They have no action upon other objects.

Having obtained this important result, Dr. Miguel commenced a series of experiments on "typhus bacillus," using gradually diluted solutions of formaldehyde. He found that with a 2½ per cent. solution the bacteria were killed in forty-eight hours. It was only when the dilution reached 1 in 800 that the bacteria commenced to resist the action for a longer period—it was only killed, in fact, at the end of ninety-six hours—and with 1 part in 1,000 the time required to effect the same object was 168 hours.