

BERTHA MALONE



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THESIS
The Colors of
Cultivated Flowers.
Bertha Malone.
1900

THESIS



1. *Trachyura* - *Trachyura*

THESIS.

THE COLORS OF CULTIVATED PLANTS.

BORRHA MALONE.

1909.

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THESIS

[illegible]

The object of the work done on this thesis was

- (1). To make a complete list of the cultivated plants which were in blossom during the winter and spring terms, taking notes of the various colors in each species.
- (2). To arrange the colors in the order of the frequency of their appearance, in the above named list.
- (3). To show, in the order of frequency, the colors which appear in each family.

(1). Most of the colors given in the list are to be found either on the Chart of Correct Colors of Flowers, arranged by W. Schuyler Matthews as a supplement to the American Florist in August, 1895, or on the Chart of Typical Colors in the Standard Dictionary (facing page 1722). A very few, however, could be indicated only by names not usually found on color charts, e.g., greenish yellow, creamy pink.

I. Acanthaceae.

1. *Ruellia strepens*.

Violet

II. Amaryllidaceae.

2. *Amaryllis Johnsoni* - *Amaryllis*.

Cardinal, white.

3. *Richeria Amazonica*.

White.

- Hippeastrum Johnsoni* - *Amaryllis*

Dull Red.

III. Apocynaceae.

5. Nerium Oleander - Oleander

Pure pink

6. Trachelospermum jasminoides

White

7. Vinca minor - Common Periwinkle

Light blue.

IV. Anacardiaceae

8. Antheurium crystallinum

Rose, light pink

V. Asclepiadaceae

9. Hoye carnosa - Wax plant.

Light flesh

10. Stephanotis floribunda - Madag. rose or Jasmine.

White.

VI. Begoniaceae.

11. Begonia Rex.

Rose, pink

12. Begonia, sp.

White, light pink, scarlet, cardinal.

VII. Berberidaceae.

13. Berberis Aquifolium. Holly Berberry or Mahonia.

Golden yellow.

VIII. Boraginaceae.

14. Heliotropium Peruvianum - Common Heliotrope.

Lilac.

IX. Cactaceae

15. *Echinocactus*, sp.

Crimson, pink

16. *Epiphyllum truncatum*.

Pink, Cherry, light pink, magenta.

X. Caprifoliaceae

17. *Lonicera Tartarica* - Tartarian Honeysuckle

White

18. *Lonicera Tartarica grandiflora*

Dark pink, light pink

XI. Caryophyllaceae

19. *Carnation*, sp. Day Break.

White

20. *Carnation*, sp. McSown

White.

21. *Carnation*, sp. Rose Queen

Rose

22. *Carnation*, sp.

Yellow, light pink

23. *Corastium arvensis* - Field Mouse-ear. - Chickweed

White.

24. *Corastium tomentosum* - Cottony Mouse-ear Chickweed

White

25. *Lychnis Viscaria splendens*

Golden yellow.

XII. Compositae.

36. *Adiantum Mexicanum*

Light lilac.

37. *Chrysanthemum Indicum*. Helen Bloodgood.

Pure yellow.

38. *Cineraria cruentus*

White, lilac, light lilac, light pink, Antwerp blue, sapphire, purple, deep purple, violet, dark crimson, magenta.

39. *Othonis crassifolia*

Pure yellow

39. *Stevia serrata*

White.

XIII. Cornaceae.

31. *Cornus florida*. Flowering Dogwood.

White.

XIV. Cruciferae

32. *Alyssum saxatile*. Rock Alyssum

Golden yellow.

33. *Iberis umbellata* - Candytuft

White

34. *Matthiola incana* - Common Stock.

White

XV. Ericaceae

34. *Rhododendron Indicum* - Azalea.

White, pure pink, rose, pure red, scarlet, dark crimson.

XVI. Euphorbiaceae.

35. Euphorbia pulcherrima - Poinsettia.

Pure red.

36. Euphorbia splendens - Crown of Thorns.

Scarlet.

XVII. Geraniaceae.

37. Pelargonium zonale - Horseshoe Geranium.

Scarlet, rose, cherry, pink, light pink, white.

38. Pelargonium, sp.

White, light pink, salmon pink, light salmon pink, creamy pink,
light red, pure red, scarlet orange.

39. Pelargonium, sp. - Lady Washington G.

Light pure pink, pure red, red, maroon.

40. Oxalis corniculata - Shamrock.

Canary.

XVIII. Iridaceae.

41. Crocus sativus - Cloth of Gold Crocus.

Orange, yellow.

42. Crocus vernus.

White, light lilac, lilac, light purple, deep purple.

43. Iris Germanica - Common Flower-de-Luce.

White, cream, dull blue, dark purple, deep violet.

XIX. Labiate.

44. Salvia splendens

Scarlet.

XX. Leguminosae

45. Laburnum vulgare - Golden chain.

Golden yellow.

46. Wisteria frutescens - American Wisteria.

Light purple, light lilac, light blue.

XXI. Liliaceae

47. Convallaria majalis - Lily of the Valley

White.

48. Hyacinthus orientalis - Common Hyacinth.

White, light blue, light purple, dark purple, violet, pink.

49. Lilium Harrisii - Easter Lily

White.

50. Richardia Ethiopia. Calla Lily.

White.

51. Scilla Siberica - Squill

Antwerp blue.

52. Tulip, sp.

White, cream, canary, lemon, golden yellow, scarlet orange,

scarlet, dark crimson, pink.

XXII. Malvaceae

53. Abutilon striatum - Flowering Maple

Light pink, scarlet

54. Malva viscosa arborescens.

Scarlet.

XXIII. Nystaginaceae

55. Boucayville speciosa

Sulfur, white.

XXIV. Oleaceae.

56. *Syringa vulgaris* - Common Lilac

White, lilac, light lilac.

XXV. Onagraceae.

57. *Fuchsia*, sp.

Pure red, pinkish white.

XXVI. Orchidaceae.

58. *Cattleya labiate*, Sanderling.

Lilac, light lilac, light purple.

59. *Cypripedium arietinum* - Lady Slipper.

Cream, terra-cotta brown.

XXVII. Phytolaccaceae

60. *Rivina humilis*

White.

XXVIII. Polemoniaceae

61. *Phlox subulata* - Ground or Moss Pink.

Crimson pink.

62. *Polemonium reptans* - Greek Valerian

Magenta.

XXIX. Primulaceae

63. *Primula sinensis* - Chinese Primrose.

White, light pink, crimson pink.

XXX. Ranunculaceae

64. *Helleborus niger* - Christmas Rose, or Black Hellebore.

White, (light) yellow-green, brownish flesh.

XXXI. Rosaceae

65. *Crataegus coccinea* - Scarlet Thorne

White.

66. *Crataegus Oxycantha* - English Hawthorne

White.

67. *Prunus Japonica* - Common Flowering Almond

Rose, dull scarlet.

68. *Rosa*, sp. *Bride*.

White.

69. *Rosa*, sp. *Bridalmaid*.

Pink.

70. *Rosa*, sp. *Marschal Niel*

Sulfur.

71. *Rosa*, sp. *Catherine, Marmet*.

Pink

72. *Rosa*, sp., *Niphetus*

White.

73. *Rosa*, sp., *Pearl des Jardins*.

Creamy yellow.

74. *Rosa*, sp., *Sunset*.

Old gold.

75. *Rubus deliciosus* - Bramble

White.

76. *Spiraea pinnatifolia* - Meadowswart

White.

77. *Spiraea Thunbergii*

White.

XXXII. Rutaceae

78. *Citrus Aurantium*, Orange

White, light pink

XXXIII. Saxifragaceae

79. *Doctizia gracilis*

White.

80. *Hydrangea Hortensis* - Common *Hydrangea*

White, light pure pink, (light) yellow-green.

XXXIV. Scitagineae

81. *Canna*, sp., Indian Shot

Straw, sulfur.

XXXV. Scrophulariaceae.

82. *Linaria Cymbalaria* - Kennilworth Ivy.

White.

XXXVI. Solanaceae

83. *Brunfelsia grandiflora*

Maize, lilac

84. *Petunia violacea* - Common *Petunia*

White, dark crimson, magenta.

XXXVII. Violaceae.

85. *Pansy*, sp.

White, cardinal, red, maroon, sulfur, purple, madder brown, old gold, pure yellow, violet, magenta, lilac, dull ultramarine blue,

crimson pink, lilac, golden yellow, terra-cotta, golden brown, purple, dark purple, deep purple, brown lilac, dark crimson.

(2). The accompanying chart explains itself. When there are several shades of the same color, they are grouped together, and these groups are treated as one color in the arrangement in order of frequency.

(3). After the name of each family in the following list are given, in the order of frequency, the colors which appear in that family. The numerals indicate the number of species in which the various shades of each color occurs.

Acanthaceae - Violet, 1.

Amoryllidaceae - White, 2; red, 1; cardinal, 1.

Apocynaceae - White, 1; pink, 1; blue, 1.

Araceae - Pink, 2.

Asclepiadaceae - White, 1; flesh, 1.

Begoniaceae - Pink, 3; white, 1; red, 1; cardinal, 1.

Berberidaceae - Yellow, 1.

Eorraginaceae - Lilac, 1.

Cactaceae - Pink, 3; red, 1; crimson, 1; magenta, 1.

Caprifoliaceae - Pink, 2; yellow, 2.

Caryophyllaceae - White, 4; pink, 2; yellow, 2.

Compositae - Lilac, 3; purple, 3; white, 2; yellow, 2; blue, 2; pink, 1; crimson, 1; violet, 1; magenta, 1.

Cornaceae - White, 1.

Cruciferae - White, 2; yellow, 1.

Ericaceae - Pink, 2; red, 2; white, 1; crimson, 1.

Euphorbiaceae - Red, 2.

Geraniaceae - Pink, 8; red, 5; white, 2; yellow, 1.

Iridaceae - Purple, 3; lilac, 2; white, 2; yellow, 1; blue, 1; violet, 1;
cream, 1; orange, 1.

Labiatae - Red, 1.

Leguminosae - Yellow, 1; lilac, 1; purple, 1; blue, 1.

Liliaceae - White, 5; yellow, 3; pink, 2; purple, 2; red, 1; crimson, 1;
violet, 1; cream, 1; orange, 1.

Malvaceae - Red, 2; pink, 1.

Nyctaginaceae - White, 1; yellow, 1.

Olacaceae - Lilac, 2; white, 1.

Onagraceae - White, 1; red, 1.

Orchidaceae - Lilac, 2; purple, 1; brown, 1; cream, 1.

Phytolaccaceae - White, 1.

Polymniaceae - Pink, 1; Magenta, 1.

Primulaceae - Pink, 2; white, 1.

Ranunculaceae - White, 1; yellow, 1; flesh, 1; red maroon, 1.

Rosaceae - White, 7; pink, 3; yellow, 1; red, 1; old gold, 1.

Rutaceae - White, 1; pink, 1.

Saxifragaceae - White, 2; pink, 1; yellow, 1.

Scitamineae - Yellow, 2.

Scrophulariaceae - White, 1.

Salmon - Lilac, 2; white, 1; crimson, 1.

Violet - Yellow, 3; purple, 3; brown, 2; white, 1; pink, 1; lilac, 1;

blue, 1; crimson, 1; violet, 1.

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