

George Washington

MEMORIAL ARBORETUM

AT

WASHINGTON CROSSING

NEW JERSEY



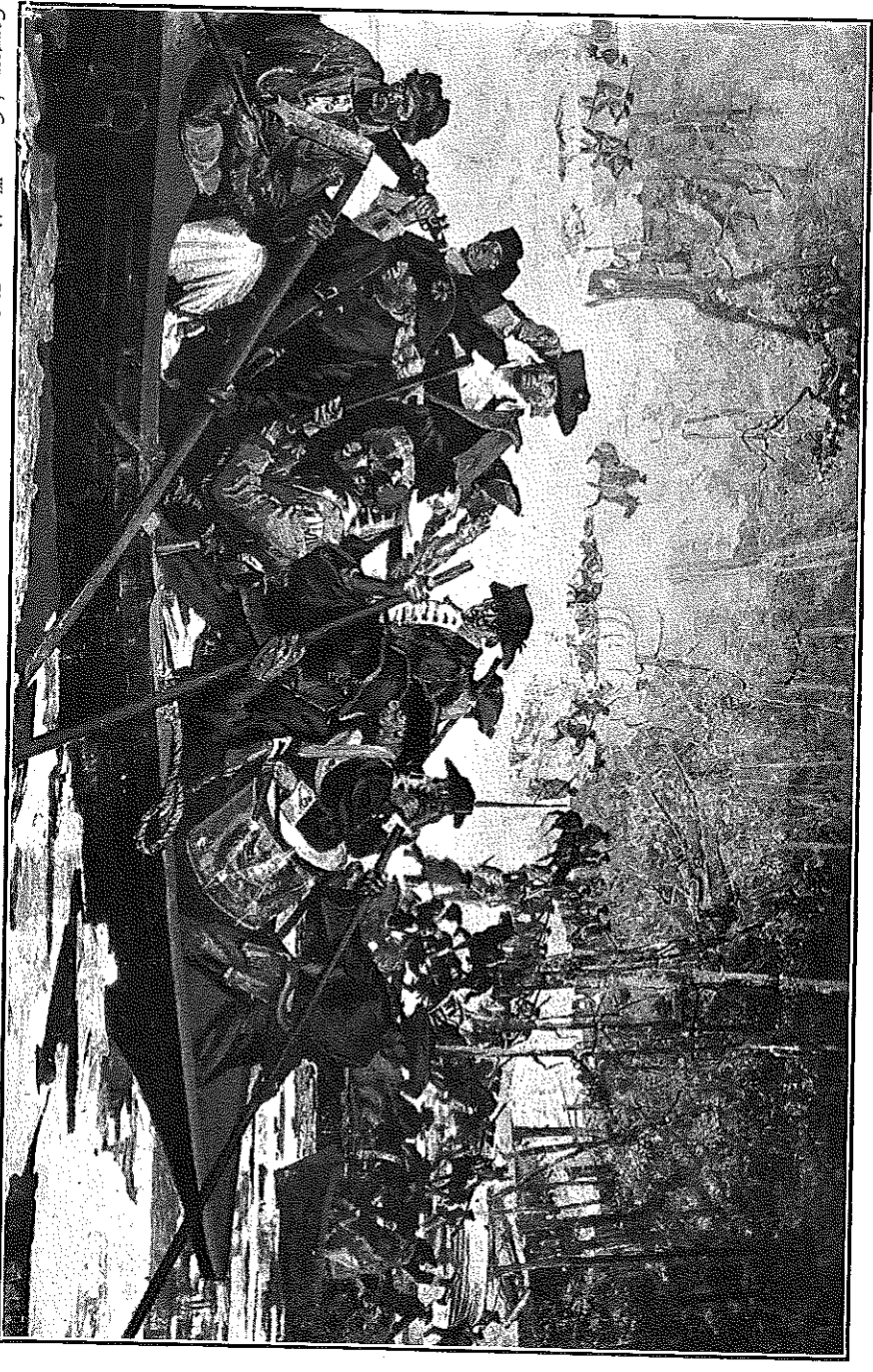
A Gift to the People of the State
of New Jersey

BY

CHARLES LATHROP PACK

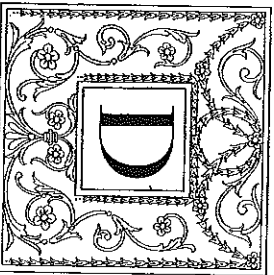
AND

ARTHUR NEWTON PACK



Courtesy of George Washington Bicentennial Commission

© Painting by George Harding



DURING a bitter northeast storm in the early morning of December 26, 1776, twenty-four hundred men of the Revolutionary Army led by General George Washington, forced their boats through the ice-choked Delaware River at McConkey's Ferry. In Trenton, nine miles away, the Hessian mercenaries still celebrated Christmas, secure in the thought that the Continentals had been broken in ranks and in spirits. But Washington, realizing the need of swift attack to raise the hopes of the despairing colonists, rallied the men about him and led them, after the perilous crossing, over the frozen ground to the successful capture of the Hessian force without the loss of an American life.

So important was this victory in turning the tide of the struggle for independence that the name of Washington Crossing was given to the place where Washington and his men embarked. It is likewise appropriate that the State of New Jersey should establish a park here and to dedicate it to this crucial hour in our Nation's history. To this historic spot will come year after year Americans both young and old, spurred by patriotic interest in the doings of the men and their leader who made this country a republic.

In this park some eight acres are devoted to an Arboretum containing about 1,000 trees and 1,500 small bushes and shrubs, all of which are native to New Jersey, or so commonly found within the borders of the state as to be considered as typical New Jersey species. They have been presented to the people of New Jersey by two distinguished citizens of the state, Mr. Charles Lathrop Pack of Lakewood, New Jersey, and his son Arthur Newton Pack of Princeton, New Jersey. These trees have been planted to commemorate the 200th Anniversary of the birth of the Father of Our Country and stand as a living, growing monument to him who fought for the life and growth of a new nation—the United States of America.

The Arboretum is located on the main drive, not far from the headquarters building, as is indicated in the map in this publication.

The map is alphabetically divided into sections and the tree locations are numbered to assist visitors to identify trees of various species.

In this publication there will be found also a list of trees and their location, together with their common as well as their botanical names. Details and descriptions of the most important trees appear in the publication "Common Trees of New Jersey", published by the American Tree Association at Washington, D. C., and obtainable from the Department of Conservation and the Development, Division of Forests and Parks, Trenton, N. J.

Mr. Charles Lathrop Pack and his son were inspired to make the presentation of the trees in the Arboretum to the people of the state by the belief that a knowledge of trees leads people to become forestry minded, and that upon the forest wealth of a country depends the prosperity of the country.

As Mr. Charles Lathrop Pack well says: "When our forefathers came to this vast land it was covered with nearly nine hundred million acres of forest. Today only one-fifth of this immense resource remains. A quarter of a billion acres of this original forest are growing young trees, many of little value. More than eighty million other acres whose destiny is to produce forests alone, are producing nothing."

"That is the situation with our forest. One tree or one hundred trees do not make a forest. But one tree stands for the forest. We send one man to our Congress to speak for thousands. We can plant a tree in our dooryard and let it speak for millions.

"This is the problem of today. It is a problem that the citizens of tomorrow will have brought home to them. They will need to know the trees to meet it.

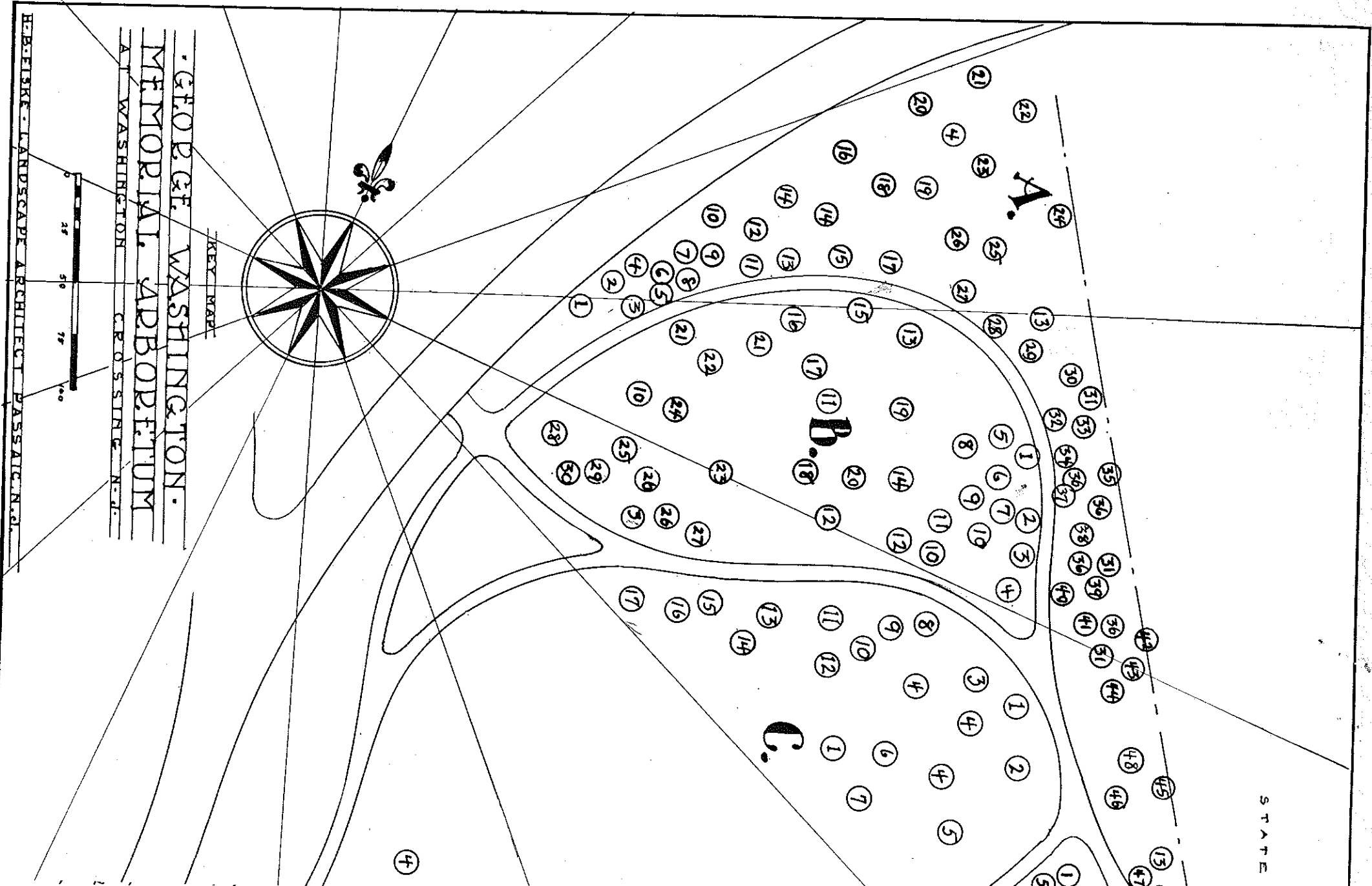
"Knowledge of trees is more than a duty of good citizens. It is a joy to the one who has this knowledge. The tree is a living thing. It grows as we grow. It pushes upward as we should push upward in life. It spreads its branches outward, as we should spread the branches of our minds, broadened by experience in life. The tree is a constant lesson to humanity—a lesson in erectness, in courage, in dignity and in steadfastness. It serves us in thousands of material ways, so should we know it that it may serve us in human ways as a guide and a friend.

"Throughout our great country our future citizens are everywhere widening their acquaintance with trees. Through various organizations, as well as the schools, they are discovering the happiness that this knowledge brings."

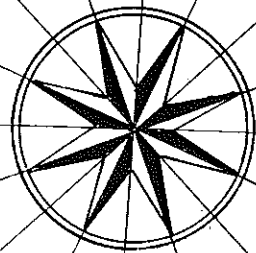
True are the words of Hon. A. Harry Moore, Governor of New Jersey, who says: "The relation of trees and forests to the vital needs of the human race is being better understood each year. The aesthetic value of the forests and of individual trees is likewise being appreciated increasingly all the time. Every citizen of New Jersey has a very real and personal dependence upon the trees and forests for pleasure, comfort, convenience and the very necessities of life.

"Not only in our schools, but in our clubs, associations and other groups who study and consider facts and problems of public import, the study of the forest and tree conditions and of what can and is being done to remedy them or make them better is strongly urged. It will be not only a study of present blessings which right-minded people everywhere enjoy, but of factors which root down as deep into the future economic and social welfare of the State as the forest giant does into the soil of Mother Earth."

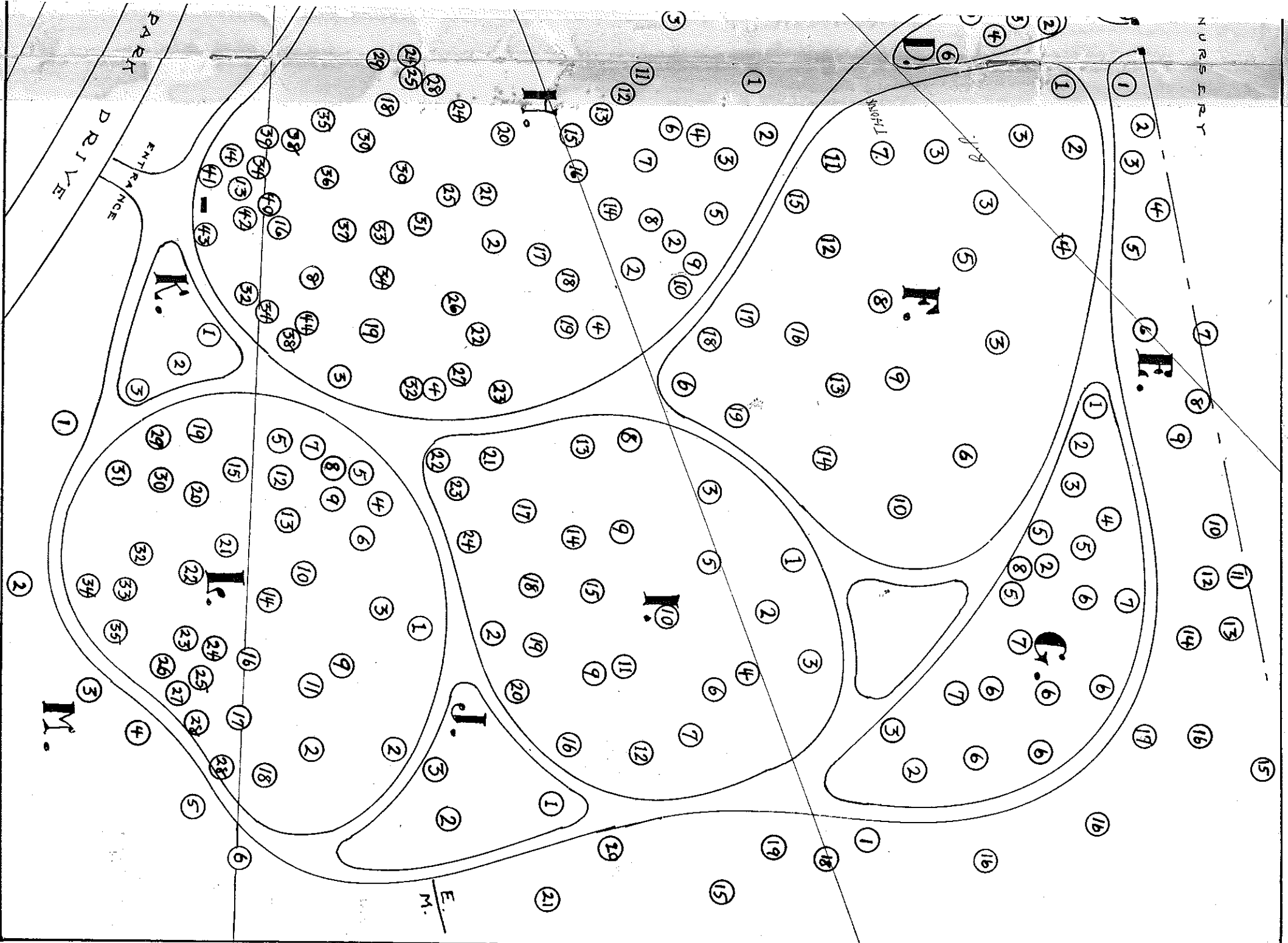
STATE



KEY MAP
GEORGE WASHINGTON
MEMORIAL ARBORIUM
AT WASHINGTON CROSSING N.J.



HOBBSKE LANDSCAPE ARCHITECT PASSAIC, N.J.



INDEX OF COMMON NAMES OF TREES AND SHRUBS IN THE GEORGE WASHINGTON MEMORIAL ARBORETUM AT WASHINGTON CROSSING, N. J.

The letters and numbers following the names of the trees refer to locations on the key map of the Arboretum.

In parenthesis after the names of trees is the number of the page in "COMMON TREES OF NEW JERSEY" containing a detailed description of the tree, with illustrations.

- A.
- Atlantus, E.20, F.1 (90)
Alder, Smooth, F.12, H.20 (39)
Arbor Vitae, E.5, F.4 (39)
Arrow Wood, C.2, D.3, E.18, H.2, L.5
Ash, Black, L.18 (107)
Ash, White, L.27 (106)
Aspen, Large Tooth, L.16 (45)
Aspen, Quaking, L.10, L.22 (44)
Azalea, Pinxter Bloom, A.11, A.40,
B.25, C.10, E.19, F.2, H.32, I.23
Azalea, Swamp, A.32, B.2, H.43
Azalea, Sweet, A.47
- B.
- Basswood, F.16, I.5, L.26 (102)
Bayberry, A.44, B.3, C.15
Beech, American, E.17, G.6, H.21
(60)
Birch, Black, F.17, L.14 (54)
Birch, Gray, A.2, B.29, C.17, H.13
(52)
Birch, Paper, A.21 (53)
Birch, River, L.13 (55)
Birch, Yellow, G.7 (56)
Bittersweet, E.11
Black Haw, L.1
Black Wint, H.10, I.2, L.12 (47)
Blueberry, Narrow-leaved, Dwarf,
A.28, B.15
Blueberry, High Bush, C.3, E.2, K.1,
L.29
Box Elder, I.4, L.6 (98)
Butternut, B.20 (48)
Button Bush, H.1
- C.
- Cedar, Red, A.36, B.6, L.19 (40)
Cedar, White, K.3, L.31 (38)
Cherry, Cornelian, D.5, H.44, M.1
Cherry, Wild Black, L.2 (84)
Chokeberry, Red, E.12
Chokeberry, Black, H.14
Coralberry, H.39
Crabapple, Wild, Sweet, H.18
Cypress, Bald, L.17, L.30
- D.
- Deerberry, A.1, B.4, B.28, C.16, L.34
Dogwood, Gray, E.13
Dogwood, Pagoda, A.43
Dogwood, Red, Osier, E.9
Dogwood, White, A.30, B.10, C.6, D.1,
H.36, I.19 (103)
- E.
- Elder, H.28
Elm, American, D.6, F.19, H.3, I.9,
L.25 (74)
Elm, Slippery, I.15 (75)
- F.
- Fox Grape, A.35, E.4
G.
- Grape, Fox, A.35, E.4
- Gum, Black, A.16, B.19 (104)
Gum, Red, A.24, B.14, H.8 (82)
- H.
- Hackberry, B.18, H.35 (76)
Hardhack, A.25, H.9
Hawthorn, Cockspear, C.13, D.2, E.6,
F.7, G.3 (85)
Hawthorn, Scarlet, H.5 (85)
Hazelnut, A.48
Hemlock, E.16, M.3, L.35 (34)
Hickory, Bitternut, L.24 (50)
Hickory, Mockernut, A.20 (51)
Hickory, Shellbark, A.18 (49)
Holly, American, A.31 (91)
Hop Tree, H.22, L.9
Horshorn, American, B.17, H.23, L.15
(38)
Horshorn, Hop, A.15 (57)
Huckleberry, Low Black, A.8
Hydrangea, Wild, H.29
- I.
- Inkberry, A.38
- J.
- Juniper, Low, A.39, B.5
- L.
- Larch, American, L.20
Larch, Mountain, A.34, B.30, E.1,
H.41, I.22
Laural, Sheep, A.6, B.16
Leather Leaf, A.46
Locust, Black, L.3 (87)
Locust, Honey, L.10, L.11 (88)
Lyonia, B.7, H.40
- M.
- Maple, Mountain, G.2 (100)
Maple, Red, L.21 (97)
Maple, Silver, L.6, M.5 (96)
Maple, Striped, E.14, F.5, G.5, H.12
(99)
Maple, Sugar, F.15, H.34, I.14, L.4
(95)
Myrtle, Sand, A.37, B.1
- N.
- Nannyberry, H.25, L.33
New Jersey Tea, B.27
Nine Bark, A.45, E.7, G.4
- O.
- Oak, Black, I.13 (68)
Oak, Burr, J.3 (64)
Oak, Chestnut, H.17, L.23 (66)
Oak, Pin, A.9, H.38 (70)
Oak, Post, L.16 (65)
Oak, Red, A.12, I.7, I.12, I.21, L.1
(67)
Oak, Scarlet, A.14, H.27 (69)
Oak, Scrub, A.7, M.6 (73)
Oak, Spanish, H.19 (71)
Oak, Swamp, J.2 (63)
- Oak, White, A.10, F.13, I.8, K.2 (62)
Oak, Willow, H.26 (72)
Osage Orange, C.9, E.21
- P.
- Persimmon, H.37, I.17 (105)
Pine, Loblolly, F.8 (31)
Pine, Pitch, M.2 (28)
Pine, Red, A.4, B.24, C.4, F.3 (32)
Pine, Scrub, I.3 (29)
Pine, Shortleaf, B.23 (30)
Pine, White, B.26, F.6, H.4 (27)
Pinxter Bloom, A.11, A.40, B.25, C.10,
E.19, F.2, H.32, I.23
Plum, Beech, A.41, B.8
- R.
- Redbud, A.13, B.12, C.1, D.4, H.11,
I.20 (89)
Rhodora, C.8, E.3
Rose, Bristly, A.17
Rosebay Rhododendron, E.18, F.1
- S.
- Saint John's Wort, Dense Flowering,
L.7
Sand Myrtle, A.37, B.1
Sassafras, L.24 (80)
Sour Wood, H.31
Spice Bush, H.7
Spruce, Black, F.10 (35)
Spruce, Norway, B.11, C.12, F.9 (36)
Spruce, Red, A.26 (35)
Strawberry Bush, C.5
Sumac, Fragrant, A.29
Sumac, Shining, A.23, B.9
Sumac, Smooth, A.33
Sumac, Staghorn, E.15 (93)
Sweet Bay Magnolia, C.7 (78)
Sweet Pepper Bush, B.13, C.14
Sweet Spire, H.24
Sycamore, A.9, H.33, L.18 (83)
- T.
- Tulip Poplar, A.5, B.21 (79)
- V.
- Viburnum, Double File, H.15, L.8
Viburnum, Maple-leaf, B.22
Virginia Creeper, A.42, E.8
- W.
- Walnut, Black, H.10, I.2, L.12 (47)
White Fringe, A.3, F.11, G.1
Willow, Black, L.32 (41)
Willow, Dwarf Bush in variety, L.28,
M.4
Willow, Pussy, H.16, I.11 (42)
Winter Berry, A.27, C.11
Witch Hazel, A.22, E.10 (81)
Withe Rod, F.14
- Y.
- Yew, Canadian, G.8, H.42

*May be obtained from the State Forester, State Office Building, Trenton, N. J.

13. White Oak (62)
14. Withe Rod
15. Sugar Maple (95)
16. Basswood (102)
17. Black Birch (54)
18. Arrow Wood
19. American Elm (74)

Quercus alba
Viburnum cassinoides
Acer saccharum
Tilia americana
Betula lenta
Viburnum dentatum
Ulmus americana

GROUP G.

1. White Fringe
2. Mountain Maple (100)
3. Cockspur Thorn (85)
4. Ninebark
5. Striped Maple (99)
6. American Beech (60)
7. Yellow Birch (56)
8. ~~Canadian~~ Yew

Chionanthus virginica
Acer spicatum
Crataegus crus-galli
Physocarpus opulifolius
Acer pennsylvanicum
Fagus americana
Betula lutea
Taxus canadensis

GROUP H.

1. Button Bush
2. Arrow Wood
3. American Elm (74)
4. White Pine (27)
5. Scarlet Hawthorn (85)
6. Shad Bush (86)
7. Spice Bush
8. Red Gum (82)
9. Hardhack
10. Black Walnut (47)
11. Red Bud (89)
12. Striped Maple (99)
13. Gray Birch (52)
14. Black Chokeberry
15. Double File Viburnum
16. Pussy Willow (42)
17. Chestnut Oak (66)
18. Wild Sweet Crabapple
19. Spanish Oak (71)
20. Smooth Alder (59)
21. American Beech (60)
22. Hop Tree
23. Hornbeam (58)

Cephalanthus occidentalis
Viburnum dentatum
Ulmus americana
Pinus strobus
Crataegus cocinea
Amelanchier canadensis
Benzoin aestivale
Liquidamber styraciflua
Sphera tomentosa
Juglans nigra
Cercis canadensis
Acer pennsylvanicum
Betula populifolia
Aronia melanocarpa
Viburnum tomentosum
Salix discolor
Quercus prinus
Malus coronaria
Quercus falcata
Alnus rugosa
Fagus americana
Petelia trifoliata

24. Sweetpire
25. Nannyberry
26. Willow Oak (72)
27. Scarlet Oak (69)
28. Elder
29. Wild Hydrangea
30. Service Berry or Shad Bush (86)
31. Sour Wood
32. Pinxter Bloom
33. Sycamore (83)
34. Sugar Maple (95)
35. Hackberry (76)
36. White Dogwood (103)
37. Persimmon (105)
38. Pin Oak (70)
39. Coralberry
40. Lyonia
41. Mountain Laurel
42. Canadian Yew
43. Swamp Azalea
44. Cornelian Cherry

Corpinus caroliniana
Itea virginica
Viburnum lentago
Quercus phellos
Quercus cocinea
Sambucus canadensis
Hydrangea arborescens
Amelanchier canadensis
Oxydendron arborescens
Asplen nudiflorum
Platanus occidentalis
Acer saccharum
Celtis occidentalis
Cornus florida
Diospyros virginiana
Quercus pubstris
Symphoricarpos virginica
Lyonia ligustrina
Kalmia latifolia
Taxus canadensis
Andea viscosa
Cornus mascula

GROUP I.

1. Black Haw
2. Black Walnut (47)
3. Scrub Pine (29)
4. Box Elder (98)
5. Basswood (102)
6. Silver Maple (96)
7. Red Oak (67)
8. White Oak (62)
9. American Elm (74)
10. Honey Locust (88)

Viburnum prunifolium
Juglans nigra
Pinus virginiana
Acer negundo
Tilia americana
Acer saccharinum
Quercus rubra
Quercus alba
Ulmus americana
Gleditsia tracaanthos

11. Pussy Willow (42)
12. Red Oak (67)
13. Black Oak (68)
14. Sugar Maple (95)
15. Slippy Elm (75)
16. Large Tooth Aspen (45)
17. Bald Cypress
18. Black Ash (107)
19. White Dogwood (103)
20. Red Bud (89)
21. Red Oak (67)
22. Mountain Laurel
23. Pinxter Bloom
24. Bitter Nut Hickory (50)

Salix discolor
Quercus rubra
Quercus velutina
Acer saccharum
Ulmus fulva
Populus grandidentata
Taxodium distichum
Fraxinus nigra
Cornus florida
Cercis canadensis
Quercus rubra
Kalmia latifolia
Asplen nudiflorum
Carya cordiformis

GROUP J.

1. Atlantus (90)
2. Swamp Oak (63)
3. Bur Oak (64)

Atlantus glandulosa
Quercus bicolor
Quercus macrocarpa

GROUP K.

1. High Bush Blueberry
2. White Oak (62)
3. Southern White Cedar (38)

Vaccinium corymbosum
Quercus alba
Chamaecyparis thyoides

GROUP L.

1. Red Oak (67)
2. Wild Black Cherry (84)
3. Black Locust (87)
4. Sugar Maple (95)
5. Arrow Wood
6. Box Elder
7. Dense Flowering St. Johns Wort
8. Double File Viburnum
9. Hop Tree
10. Quaking Aspen (44)
11. Honey Locust (88)
12. Black Walnut (47)
13. River Birch (55)
14. Black Birch (54)
15. Hornbeam (58)

Quercus rubra
Prunus serotina
Robinia pseudo acacia
Acer saccharum
Viburnum dentatum
Acer Negundo
Hypericum densiflorum
Viburnum tomentosum
Petelia trifoliata
Populus tremuloides
Gleditsia tracaanthos
Juglans nigra
Betula nigra
Betula lenta
Corpinus caroliniana

16. Post Oak (65)
17. Persimmon (105)
18. Sycamore (83)
19. Red Cedar (40)
20. American Larch
21. Red Maple (97)
22. Quaking Aspen (44)
23. Chestnut Oak (66)
24. Sassafras (80)
25. American Elm (74)
26. Bass Wood (102)
27. White Ash (106)
28. Dwarf Willows in variety (Native)
29. High Bush Blueberry
30. Bald Cypress
31. Southern White Cedar (38)
32. Black Willow (41)
33. Nanny Berry
34. Dearberry
35. Hemlock (34)

Quercus stellata
Diospyros virginiana
Platanus occidentalis
Juniperus virginiana
Larix americana
Acer Rubrum
Populus tremuloides
Quercus prinus
Sassafras sassafras
Ulmus americana
Tilia Americana
Fraxinus americana
Salix
Vaccinium corymbosum
Taxodium distichum
Chamaecyparis thyoides

GROUP M.

1. Cornelian Cherry
2. Pitch Pine (28)
3. Hemlock (34)
4. Dwarf native Willow in variety
5. Silver Maple (96)
6. Scrub Oak (73)

Cornus mascula
Pinus rigida
Tsuga canadensis
Salix
Acer saccharinum
Quercus thicfolia

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