



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON, D.C. 20240

IN REPLY REFER TO:

N18-RN

January 9, 1967

Informational

Memorandum

To: Washington Office and All Field Offices

From: Assistant Director, Resource Studies

Subject: The "1967-1968 List of Plant Manuals and Checklists for Use in the National Park Service," and related items

FO 17-65, which is still in effect, transmitted the Plant Name Standards developed as the result of a study of plant name standards in the National Park Service. The new Standards formed "ATTACHMENT C" to that FO, a reprint of which is enclosed. These standards will later be incorporated in the "It's To Be Published" Handbook. Numbered paragraphs 1 and 2 of the Standards complement each other; the intent of paragraph 2 being to assist Service employees in locating "the most recent, widely accepted . . . manual which adheres to the provisions of the International Code of Botanical Nomenclature" Paragraph 2 of the Standards calls for the biennial compilation of a list of plant manuals and checklists. The first such listing (also an enclosure to FO 17-65) expired on December 31, 1966, and the new list for 1967-1968 is enclosed for use in all National Park System areas.

As an aid to those attempting to keep this program current and reasonable in this Office, there is enclosed herewith a short questionnaire. We will appreciate returned replies (especially on item number 4), but I wish to make it understood that this is not a mandatory report. Replies should be addressed to the Director, Attention: Office of Natural Sciences.

The Department of Botany of the Smithsonian Institution has recently compiled two reference lists: (1) "Selected Guides to the Wildflowers of North America," and (2) "Floras of the United States, Canada and

Greenland." Also, Dr. Elbert L. Little, Jr., of the U. S. Forest Service has kindly permitted us to reproduce his "Bibliography of Trees and Shrubs of the United States (Identification)" as published in Bioscience 15(11): 743-744. With the thought that these lists will be helpful to park staffs, they have been reproduced and enclosed herewith.



Howard R. Stagner

Enclosures 6

Reference Map and Key

Plant Name Standards

Questionnaire

Bibliography of Trees and Shrubs of
the United States (Identification)

Floras of the United States, Canada, and Greenland

Selected Guides to the Wildflowers of North America

This memorandum is informational and for record purposes is cancelled on December 13, 1968.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON, D. C. 20240

THE 1967-1968 LIST OF PLANT MANUALS AND CHECKLISTS
FOR USE IN THE NATIONAL PARK SERVICE

Compiled by: R. M. Linn
Acting Chief Scientist, WASO

This is the second revised list of plant manuals and checklists that has been issued for use in the National Park Service. The first list had limited distribution and was for the period 1964 only. The 1965-1966 list followed as an attachment to FO 17-65, dated August 9, 1965. The new 1967-1968 list contains all corrections, additions, and deletions made known to this office during the intervening period. The most obvious changes have been in the General Continental listings for lichens and mosses (nos. 1 and 8); the appearance of the first volume (of three) concerning the liverworts (no. 7); and the appearance of the first volume (of five) covering the wildflowers of the United States. The latter promises to be a valuable source for common plant names (see item *24. The remainder of the changes are perhaps less spectacular, but important: the addition of a flora for the Carolinas, a reprinting of Hillebrand's 1888 Flora of the Hawaiian Islands, etc. Also some information--such as prices, publishers, etc.--has been added.

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WARNING: Not all approved entries for a group of states can be used for a Park within that area. (Division into state groups is only for convenience in locating entries). Park staffs must choose the entry which best fits their area. Rarely, more than one entry should be used per area. Areas in close proximity (e.g., Yellowstone and Teton, Yosemite and Sequoia-Kings) should collaborate as much as possible to select the same entry for their standard.

REFERENCE MAP, LISTING PLANT MANUALS AND CHECKLISTS ACCEPTABLE FOR DERIVING
SCIENTIFIC AND COMMON PLANT NAMES FOR AREAS IN THE NATIONAL PARK SYSTEM ('67-8)

Key to the Map, and Comments

The areas shown on the map are states or groups of states. Within each state, or group of states, are numbers that refer to the approved manual or checklist as listed in the 1967-1968 List of Plant Manuals and Checklists. Continental and conterminous 48 State manuals and Checklists are indicated under those headings (see the Atlantic Ocean).

Letters preceding numbers indicate: C=lichens, D=liverworts, E=mosses, F=ferns and allies, G=grasses, H=trees, I=flowering plants (usually other than grasses and trees), NO LETTER PREFIX = ferns and flowering plants [unless F (ferns) are given separately].

Other Symbols:

- c = (as a suffix) preferably a source for common names only.
- i = an incomplete manual (because one volume is missing, etc.)
- , = "and"
- = "or"
- ; = "and/or"
- P = preferable (because major manual covering area is becoming old, out-of-date, out-of-print, or the like).
- + = use when necessary (because the preferred manual may not contain all species for this area).

Most major National Park Service areas are adequately covered by a good plant manual. Complications develop in some areas, such as the following:

- * The Southeastern states (except for the Carolinas) are covered by Small's manual which is now over 30 years old. Therefore, use Northeastern's manuals when possible, such as Fernald or Gleason for Great Smokies, Blue Ridge, etc.
- * The belt of states from South Dakota to Louisiana. Northeastern manuals can be used for the majority of plants in all except Louisiana, using neighboring state manuals as supplements as indicated in parentheses. Louisiana plant names may be derived from Gould (49) and/or Small (44).
- * Nevada and Utah. Tidestrom's Flora was published in 1925 and is now out-of-print. Therefore, it is desirable to use #67 for areas near Arizona, #58 for areas near Idaho, etc.
- * New Mexico. Use #67 as much as possible, supplementing, when necessary with Gould (49), and others depending upon location in the State.

Should questions arise for which assistance is needed or wanted, contact the Division of Natural Sciences, WASO. Comments concerning this list, and approved manuals contained therein, errors, etc., are also very welcome and WANTED.

REFERENCE MAP: ACCEPTABLE PLANT MANUALS AND CHECKLISTS
FOR USE IN THE NATIONAL PARK SERVICE

1967-1968

74-751
74-751-79
56,57
51
58
61i
(+51-61)
(+56,57-58)
(+59-61)
29
30
31
32c
29 - 30 - 31 - 32c
64
(P:58,59,67,78)
74-78
F:53
I:59-62
(+59-62)
67
67
(+49-59-68)
(+49)
31
(+49)
49
(+38,44)
F:39
I:43,47c
F:38(P:29-30-31),47
I:44(P:29-30-31),47c
46,47c

CONTINENTAL
C: 1
D: 5
E: 8
H:14,17

CONTERMINOUS U.
G:13
I:24c

HAWAII
G: 89
H: 93(+90,91)
I: 93,92i,97(+94,95,96)

PUERTO RICO & VIRGIN ISLANDS
H: 98
F&I: 100,101(+99)

82
(+83,87)
84)

iii

CONTINENTAL

C: 1
D: 5
E: 8
H: 14, 17

CONTERMINOUS U.S.A.

G:13
I:24c

PUERTO RICO & VIRGIN ISLANDS

H: 98
F&I: 100, 101 (+99)

HAWAII

G: 89
H: 93(+90,91)
I: 93,92i,97(+94,95,96)

1967-1968 LIST OF PLANT MANUALS AND CHECKLISTS

FOR USE IN THE NATIONAL PARK SERVICE

*=Items approved for use as sources for Plant Names in the National Park Service. Unmarked items are generally for reference use only.

GENERAL CONTINENTAL

[Subdivisions A (algae) and B (fungi) omitted throughout.]

C. LICHENS

- *1. Hale, Mason E., Jr. and William Louis Culberson. 1966. A THIRD CHECKLIST OF THE LICHENS OF THE CONTINENTAL UNITED STATES AND CANADA. The Bryologist 69(2):141-182. (Obtainable for \$1.00 from: Dr. Lewis E. Anderson, Department of Botany, Duke University, Durham, N. C. 27706.)
2. Fink, Bruce. 1960. THE LICHEN FLORA OF THE UNITED STATES. The University of Michigan Press, Ann Arbor. (\$12.50)
- ✓ 3. Hale, Mason E., Jr. 1961. LICHEN HANDBOOK. Smithsonian Publication No. 4434. (Obtainable for \$4.00 from: Publications Distribution Section, The Smithsonian Press, Smithsonian Institution, Washington, D. C. 20560.)
4. Nearing, G. G. 1962 (reprint). THE LICHEN BOOK. Lundberg Reprint, Ashton, Md. (\$10.00) (Northeastern, but usable elsewhere.)

D. LIVERWORTS

- *5. Evans, Alexander W. 1940. LIST OF HEPATICAEE FOUND IN THE UNITED STATES, CANADA AND ARCTIC AMERICA. Bryologist 43(5):133-138. (10¢ from Dr. Lewis E. Anderson, Department of Botany, Duke University, Durham, N. C. 27706.)
6. Frye, T. C. and Lois Clark. 1947. HEPATICAEE OF NORTH AMERICA. University of Washington Press, Seattle.
- *7. Schuster, Rudolf M. 1966. THE HEPATICAEE AND ANTHOCEROTAE OF NORTH AMERICA (EAST OF THE HUNDREDTH MERIDIAN). Volume One (of projected 3 volumes. Columbia University Press, New York, N. Y. (\$20.00) (Taxonomy presented here will replace #5 above when the next 2 vols. are completed.)

[See also 12 below]

GENERAL CONTINENTAL (continued)E. MOSSES

- *8. Crum, Howard, William C. Steere, and Lewis E. Anderson. 1965. A LIST OF THE MOSSES OF NORTH AMERICA. Bryologist 68(4): 377-432. (Postpaid \$1.00 from same as Nos. 1 and 5.)
- 9. Grout, A. J. MOSSES WITH A HAND-LENS. Edition 3. Published by the author, Newfane, Vt.
- 10. Grout, A. J. MOSSES WITH HAND-LENS AND MICROSCOPE. Published by the author, Newfane, Vt. (necessary in combination with No. 11 below.)
- 11. Grout, A. J. MOSS FLORA OF NORTH AMERICA. 1928-1940. Published by the author, Newfane, Vt. 3 vols. (with No. 10 above represents standard identification manual for North American mosses.)

[Note re Nos. 9, 10, and 11 above: these are out-of-print and may be expensive when found in used bookshops, especially since, in order to be useful, they should all be used in combination. No. 9 may be used by itself if it can be found--it has a few common names, while the others do not. It is recommended that No. 12 below be used for the identification of mosses, until such time as a new moss flora of North America is published; this is expected within 3-5 years.]

[Note re common names of bryophytes: neither Nos. 5 nor 8 above list common names of the bryophytes involved. Usually the generic name will suffice for most popular presentations.]

- 12. Conard, Henry S. 1956. HOW TO KNOW THE MOSSES AND LIVERWORTS. Wm. C. Brown, Publishers, Dubuque, Iowa (spiralbound, \$2.50; clothbound, \$3.00)

G. GRASSES

- *13. Hitchcock, A. S. and (revised by) Agnes Chase. 1950. MANUAL OF THE GRASSES OF THE UNITED STATES. USDA Misc. Publ. No. 200. Supt. of Documents, U. S. Government Printing Office, Washington, D. C. 20402 (\$3.00) (The standard for grasses in the conterminous 48 States.)

GENERAL CONTINENTAL (continued)H. TREES

- *14. Little, Elbert L., Jr. 1953. CHECKLIST OF NATIVE AND NATURALIZED TREES OF THE UNITED STATES (Including Alaska). Agriculture Handbook No. 41. Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402. (\$2.00). (The standard for both common and scientific names for trees in U. S. except Hawaii)
- 15. Bailey, Harold E. and Virginia Long Bailey. 1941. WOODY PLANTS OF WESTERN NATIONAL PARKS. U. S. Department of Interior, Conservation Bulletin No. 6. Supt. of Documents, U. S. Government Printing Office, Washington, D. C. 20402. (out of print)
- 16. Bomhard, Miriam L. 1950. PALM TREES IN THE UNITED STATES. U. S. Dept. of Agric. Info. Bull. 22. Supt. of Documents, U. S. Government Printing Office, Washington, D. C. 20402. (15¢)
- *17. Critchfield, William B. and Elbert L. Little, Jr. 1966. GEOGRAPHIC DISTRIBUTION OF THE PINES OF THE WORLD. USDA Forest Service Misc. Publ. 991. U. S. Government Printing Office, Washington, D. C. 20402 (75¢). (Updates species' names of the genus Pinus. Excellent descriptions and maps of distributions world-wide.)
- 18. Fowells, H. A. 1965. SILVICS OF FOREST TREES OF THE UNITED STATES. Agriculture Handbook No. 271. Forest Service, USDA. Government Printing Office, Wash., D. C. 20402 (\$4.25). (An excellent reference for silvicultural information.)
- 19. Rehder, Alfred. 1940. MANUAL OF THE CULTIVATED TREES AND SHRUBS HARDY IN NORTH AMERICA (EXCLUSIVE OF THE SUB-TROPICAL AND WARMER TEMPERATE REGIONS). 2nd Ed., revised. Macmillan Co., New York. (\$13.95)
- 20. Sargent, Charles Sprague. 1922. MANUAL OF THE TREES OF NORTH AMERICA (EXCLUSIVE OF MEXICO). Houghton Mifflin Co., Boston. Reprinted in 2 vols. by Dover Publications, 180 Varick Street, New York, N. Y. Paperback. (\$4.50)

GENERAL CONTINENTAL (continued)I. FLOWERING PLANTS (Except for Grasses and Trees as listed above)

21. Bailey, Liberty H. 1949. MANUAL OF CULTIVATED PLANTS MOST COMMONLY GROWN IN THE CONTINENTAL UNITED STATES AND CANADA. Rev. Ed. Macmillan Co., New York. (\$19.95)
22. Correll, Donovan S. 1950. NATIVE ORCHIDS OF NORTH AMERICA--NORTH OF MEXICO. (Chronica Botanica New Series of Plant Science Books), Ronald Press Co., New York. (\$8.50)
23. Fernald, Merritt Lyndon, and Alfred Charles Kinsey. 1958. EDIBLE WILD PLANTS OF EASTERN NORTH AMERICA. Rev. by Reed C. Rollins. Harper Bros., Publishers, New York. (\$6.95)
- *24. Rickett, Harold William and collaborators. 1966—. WILD FLOWERS OF THE UNITED STATES. Volume 1 published in two parts (The Northeastern States) (See under "Northeastern United States"), additional 4 volumes to be published. Publication of the New York Botanical Garden--McGraw-Hill Book Company, New York, N. Y. (McGraw-Hill Book Co., 330 West 42nd St., New York, N. Y. 10036. +\$39.00 per volume.

[Ordinarily this list will not contain "popular wildflower books" because they are generally very limited in scope. However, this work, of which only the first volume has been published to date, is not so limited. Some 1700 plants commonly known as "wildflowers" are described and illustrated with over 1200 color photographs in Volume 1. The content excludes "trees and shrubs, grasses, sedges, and rushes, and a number of unattractive weeds with small greenish flowers which are not likely to excite the interest of the amateur." Common names are given that appear to be quite reasonable. Since the group of plants covered is precisely that group for which we most often need common names, these volumes are recommended as a source for common names. Since the scientific names are accurate, they may also be used when applicable; however, the most recent regional manual is preferred for scientific names because the manual is more complete and because it is not likely that these wildflower volumes will be kept current with nomenclatorial changes. The first volume, in two parts, covering the Northeastern States, is cited under the Northeastern United States section of this list. As additional volumes are published (presumably about one volume per year--Southeastern States is now "in press"), they will be added to the list.]

NORTHEASTERN UNITED STATESD. LIVERWORTS

25. Schuster, R. M. 1949. THE ECOLOGY AND DISTRIBUTION OF HEPATICAE OF CENTRAL AND WESTERN NEW YORK. Amer. Midl. Nat. 42: 513-712, pl. 1-18.
26. Schuster, R. M. 1953. BOREAL HEPATICAE - LIVERWORTS OF MINNESOTA AND ADJACENT REGIONS. Amer. Midl. Nat. 49(2): 257-684. (Very usable over most of the Northeast.)

E. MOSESSES

27. Welch, Winona H. 1957. MOSESSES OF INDIANA. Indiana Dept. Cons., Div. of Forestry. (about \$5.00)
28. Darlington, Henry T. 1964. THE MOSESSES OF MICHIGAN. Cranbrook Inst. of Science (Bull. 47) Bloomfield Hills, Mich. (\$12.00)

F AND I. FERNS AND FLOWERING PLANTS

- *29. Fernald, M. L. 1950. GRAY'S MANUAL OF BOTANY (8th Edition). American Book Co., New York. N. Y. (\$15.00)
- *30. Gleason, Henry A. 1963. THE NEW BRITTON AND BROWN ILLUSTRATED FLORA OF THE NORTHEASTERN UNITED STATES AND ADJACENT CANADA. 3 volumes. 3rd. printing, slightly revised from the 1952 work. The New York Botanical Garden, New York, N. Y. Stechert-Hafner, Inc., 31 E. 10th St., N. Y. 10003. (\$37.50)
- *31. Gleason, Henry A. and Arthur Cronquist. 1963. MANUAL OF VASCULAR PLANTS OF NORTHEASTERN UNITED STATES AND ADJACENT CANADA. Van Nostrand, Princeton, N. J. (A manual version of #30 above.) (\$11.75)
- *32. Rickett, Harold William, and Collaborators. 1966. WILDFLOWERS OF THE UNITED STATES. Vol. I, Parts 1 and 2: The Northeastern States. The New York Botanical Garden and McGraw-Hill Book Co., New York. (See note under item *24.) McGraw-Hill Book Co., 330 West 42nd St., New York, N. Y. 10036 (\$39.00)
33. Steyermark, Julian A. 1963. FLORA OF MISSOURI. Iowa St. Univ. Press, Ames, Iowa. (\$18.50)

NORTHEASTERN UNITED STATES (Continued)

F AND I. FERNS AND FLOWERING PLANTS (Continued)

34. Strausbaugh, P. D. and Earl L. Core. 1952. FLORA OF WEST VIRGINIA. West Virginia Univ. Bull., Ser. 52, No. 12-2; Ser. 53, No. 12-1; Ser. 58, No. 12-3.
35. Fassett, Norman C. 1960. A MANUAL OF AQUATIC PLANTS. Revision appendix by Eugene C. Ogden, University of Wisconsin Press, Madison. (\$6.50)

SOUTHEASTERN UNITED STATESD AND E. LIVERWORTS AND MOSSES

36. Sharp, A. J. 1939. TAXONOMIC AND ECOLOGICAL STUDIES OF EASTERN TENNESSEE BRYOPHYTES. Amer. Midl. Nat. 21:267-354.
37. Breen, Ruth S. MOSSES OF FLORIDA. Univ. of Florida Press, Gainesville.

F. FERNS

- *38. Small, John K. 1938. FERNS OF THE SOUTHEASTERN STATES. Publ. by the author, Lancaster, Pa. (Orange Judd Publ. Co., 15 East 26th Street, N.Y.C.). (Use 39 or 46 below, where applicable.) (\$3.50)
- *39. Wagner, W. H., Jr. 1964. In: GUIDE TO THE VASCULAR FLORA OF THE CAROLINAS. (See 45 below.)

H. TREES

40. Coker, W. C. and H. R. Totten. 1934. TREES OF THE SOUTHEASTERN STATES. Univ. of North Carolina Press, Chapel Hill, N. C. (Virginia to northern Florida.)
41. Harrar, E. S., and J. George Harrar. 1962. (revised). GUIDE TO SOUTHERN TREES. Dover Publications, Inc. (Paperbound) (\$2.25)
42. Mowry. 1952. NATIVE AND EXOTIC PALMS OF FLORIDA. Univ. of Fla. Agric. Exp. Sta., Ext. Bull. 152.
43. West and Arnold. 1948. THE NATIVE TREES OF FLORIDA. Univ. Fla. Press, Gainesville, Florida.

I. FLOWERING PLANTS

- *44. Small, John K. 1933 (Reissued 1953). MANUAL OF THE SOUTHEASTERN FLORA: BEING DESCRIPTIONS OF THE SEED PLANTS GROWING NATURALLY IN FLORIDA, ALABAMA, MISSISSIPPI, EASTERN LOUISIANA, TENNESSEE, NORTH CAROLINA, SOUTH CAROLINA AND GEORGIA. Publ. by the author, N. Y..... Reissued by Chapel Hill, the Univ. of North Carolina Press, Chapel Hill, N. C. (Use 45 and 46 where applicable.) (about \$12.50)

SOUTHEASTERN UNITED STATES (Continued)I. FLOWERING PLANTS (Continued)

- *45. Radford, A. E., H. E. Ahles, and C. R. Bell. 1964. GUIDE TO THE VASCULAR FLORA OF THE CAROLINAS. The Book Exchange, University of North Carolina, Chapel Hill. (Use in lieu of 44 above in the Carolinas.) (\$6.30, hard cover; \$3.95 paperbound)
- *46. Lakela, Olga and Frank C. Craighead. 1965. ANNOTATED CHECKLIST OF THE VASCULAR PLANTS OF COLLIER, DADE, AND MONROE COUNTIES, FLORIDA. Fairchild Tropical Garden and University of Miami Press, Coral Gables, Fla. (for use in those 3 counties of South Florida only) (+\$1.00)
- *47. (Reserved for WILDFLOWERS OF THE UNITED STATES, Volume 2--The Southeastern States.) (See note under item *24.)
- 48. Eyles, Don E. and J. Lynne Robertson. 1944. A GUIDE AND KEY TO THE AQUATIC PLANTS OF THE SOUTHEASTERN UNITED STATES. Public Health Bull. No. 286 . . . Reprinted as USDI, F&WS, Bur. of Sport Fisheries & Wildlife Circular 158, Washington, D. C.

CENTRAL UNITED STATESD. LIVERWORTS

26. (repeat of item under Northeastern United States)
Schuster, R. M. 1953. BOREAL HEPATICAE - LIVERWORTS OF
MINNESOTA AND ADJACENT REGIONS. Amer. Midl. Nat.
49(2):257-684.

F. FERNS

*see 49 and 50 below and 53 in Rocky Mountain section.

see 52 below.

I. FLOWERING PLANTS

- *49. Gould, F. W. 1962. TEXAS PLANTS - A CHECKLIST AND ECOLOGICAL
SUMMARY. Texas Agric. Exper. Sta., College Station, Texas.
50. Scoggan, H. J. 1957. FLORA OF MANITOBA. National Museum of
Canada Bull. No. 140, Biological Series No. 47, Ottawa.
(\$5.00)
51. Stevens, O. A. 1963. HANDBOOK OF NORTH DAKOTA PLANTS. 2nd. Ed.
North Dakota Inst. Regional Studies, North Dakota State
University, Fargo. (\$4.50)
52. Rydberg, Per Axel. 1932. FLORA OF THE PRAIRIES AND PLAINS OF
CENTRAL NORTH AMERICA. Publ. by the New York Botanical
Garden. Reprinted in 1965 by Hafner Publishing Co., New
York, N. Y. (\$12.00)

see also: Nos. 29 - 30 - 31 - 33 and 60.

ROCKY MOUNTAIN, INTERMOUNTAIN AND GREAT BASIN STATESF. FERNS

- *53. Harrington, H. D., and Laurence W. Durrell. 1950. COLORADO FERNS AND FERN ALLIES. Colo. Agr. Mech. Coll., Research Foundation, Ft. Collins. (\$1.00)

see also items 58 through 64.

H. TREES AND WOODY PLANTS

54. Billings, W. Dwight. 1954. NEVADA TREES. Agr. Ext. Serv., Univ. of Nevada, Bull. 94 (2nd Edition). Reno.
55. Preston, R. J., Jr. 1940. ROCKY MOUNTAIN TREES. Iowa State College Press.

I. FLOWERING PLANTS

- *56. Booth, W. E. 1950. FLORA OF MONTANA. PART I. CONIFERS AND MONOCOTS. University Bookstore, Montana State University, Bozeman. (\$1.25)
- *57. Booth, W. E. and J. C. Wright. 1966. FLORA OF MONTANA. PART II. DICOTYLEDONS. University Bookstore, Montana State University, Bozeman. (\$3.75)
- *58. Davis, Ray J. 1952. FLORA OF IDAHO. Wm. H. Brown Co., Dubuque, Iowa. (\$8.00)
- *59. Harrington, H. D. 1954. MANUAL OF THE PLANTS OF COLORADO. Sage Books, Allen Swallow, Publisher, Denver. (\$12.00)
60. Moss, E. H. 1959. FLORA OF ALBERTA. Univ. of Toronto Press. (about \$10.00)
- *61. Porter, C. L. 1962-1964 and continuing. A FLORA OF WYOMING. Parts I to III to date. University of Wyoming Agr. Expt. Sta. Bull's. 402, 404, 418.
- *62. Weber, William A. 1961. HANDBOOK OF PLANTS OF THE COLORADO FRONT RANGE. 2nd Ed. University of Colorado Press, Boulder. (\$4.00 hard cover; \$2.50 paperbound.)
63. Rydberg, Per Axel. 1922. FLORA OF THE ROCKY MOUNTAINS AND ADJACENT PLAINS. New York Botanical Garden...reprint 1954, Hafner Publ. Co., N. Y. (\$15.00)
- *64. Tidestrom, Ivar. 1925. FLORA OF UTAH AND NEVADA. Contr. U. S. National Herbarium 25: Washington, D. C. (out of print.)

SOUTHWESTERN UNITED STATESF. FERNS

*see number 67.

H. TREES AND WOODY PLANTS

65. Benson, Lyman and Robert Darrow. 1954. THE TREES AND SHRUBS OF SOUTHWESTERN DESERTS. Univ. of New Mexico Press.

66. Vines, Robert A. 1960. TREES, SHRUBS AND WOODY VINES OF THE SOUTHWEST. Univ. of Texas Press, Austin. (\$25.00)

I. FLOWERING PLANTS

*67. Kearney, Thomas H. and Robert H. Peebles, et al. 1960. ARIZONA FLORA. 2nd Ed. Univ. of California Press, Berkeley 4. (\$15.00)

(*)*68. Tidestrom, I. and T. Kittell. 1941. A FLORA OF ARIZONA AND NEW MEXICO. The Catholic Univ. of America Press.

69. Benson, Lyman D. 1950. THE CACTI OF ARIZONA. 2nd Ed. Univ. of Arizona Press, Tucson.

70. Britton, N. L. and J. N. Rose. 1937. THE CACTACEAE. 2nd Edition of Carnegie Institution of Washington Publication #248, reprinted in 1963, unaltered and unabridged, by Dover Publications, Inc., New York, N. Y. (four volumes bound as two, hard cover, +\$20.00)

71. Earle, W. Hubert. 1963. CACTI OF THE SOUTHWEST. Desert Botanical Garden of Arizona, Phoenix. (\$1.50)

(*) Use 49 and/or 67 whenever possible.

PACIFIC UNITED STATESF. FERNS

*see numbers 74, 76, and 78.

H. TREES AND WOODY PLANTS

72. McMinn, Howard E. 1939. ILLUSTRATED MANUAL OF CALIFORNIA SHRUBS. Univ. of Calif. Press, Berkeley. (Reprinted in 1951.)
73. Sudworth, George B. 1908. FOREST TREES OF THE PACIFIC SLOPE. Forest Service, USDA, Washington, D. C. (Still the paragon of information.)

I. FLOWERING PLANTS

- *74. Abrams, LeRoy and Roxana S. Ferris. 1923-1960. ILLUSTRATED FLORA OF THE PACIFIC STATES. 4 Vols. Vol. 1, 1923, Ferns to Birthworts; Vol. 2, 1944, Buckwheats to Kramerias; Vol. 3, 1951, Geraniums to Figworts; Vol. 4, 1960, Bignonias to Sunflowers. (each volume: \$17.50) Stanford Univ. Press, Stanford, California.
- *75. Hitchcock, C. Leo, Arthur Cronquest, Marion Owenby, J. W. Thompson, and Jeanne R. Janish. 1955-1964, and continuing. VASCULAR PLANTS OF THE PACIFIC NORTHWEST. Part 1, in preparation; Part 2, Salicaceae - Saxifragaceae (\$15.00); Part 3, Saxifragaceae - Ericaceae (\$13.50); Part 4, Ericaceae - Campanulaceae (\$12.00); Part 5, Compositae (\$7.50). Univ. of Washington Press, Seattle.
76. Jepson, Willis Linn. 1951 (copyrighted in 1925). A MANUAL OF THE FLOWERING PLANTS OF CALIFORNIA. Univ. of Calif. Press, Berkeley and Los Angeles. (\$10.00)
77. Mason, Herbert. 1957. FLORA OF MARSHES OF CALIFORNIA. Univ. of California Press, Berkeley. (\$12.50)
- *78. Munz, P. A. and D. D. Keck. 1959. A FLORA OF CALIFORNIA. Univ. of California Press, Berkeley. (\$11.50)
- *79. Peck, Morton E. 1961. A MANUAL OF THE HIGHER PLANTS OF OREGON. 2nd Ed. Binford and Mort, Portland. (\$10.00)
80. Pusateri, Samuel. 1963. FLORA OF OUR SIERRAN NATIONAL PARKS. Publ. by the author, Three Rivers, California.

ALASKAH. TREES

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Return to: Director

Attn: Office of Natural Sciences
National Park Service
Washington, D. C. 20240

Questionnaire: Plant Manuals and Checklists for use in the National Park Service

1. Has your park been able to change over to the new Standards (FO 17-65, Attachment C) during the past two years? Yes _____ No _____. With real difficulty? Yes _____ No _____. Comments:

2. Have common plant names been difficult to come by under the new standards? Yes _____ No _____. If so, how have you solved?

3. Your comments and/or suggestions, if any:

4. For our records and information:

a. Which plant manuals or checklists do you use as the standard reference in your park?

(1) For "Scientific" names: _____
_____.

(2) For "Common" names: _____
_____.

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A Selected Bibliography with Annotations¹

Compiled by Elaine R. Shetler

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¹Unless otherwise stated, a given work has keys and descriptions but few or no illustrations and no range maps; it includes all vascular plants and the arrangement is taxonomic. The price (cloth) is given when known and books known to be out of print are indicated. The term "annotated," as used here, refers to notes on distribution, ecology, or taxonomy.

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- Porsild, A. E. 1955. The vascular plants of the western Canadian Arctic Archipelago. Nat. Mus. Canada Bull. 135, 226 p. \$3.25, paper. Queen's Printer, Ottawa.--Fully annotated checklist with specimen citations; no keys or descriptions.
- Porsild, A. E. 1964. Illustrated flora of the Canadian Arctic Archipelago. 2nd ed. rev. Nat. Mus. Canada Bull. 146, 218 p. Queen's Printer, Ottawa. Illustration and range map for each species.
- Wiggins, Ira L., and John Hunter Thomas. 1962. A flora of the Alaskan Arctic slope. Arctic Inst. of North America Special Publ. No. 4. University of Toronto Press, Toronto. 425 p. \$9.50.-- With range maps.

Northeastern United States and Adjacent Canada

- Dole, E. J., (ed.). 1937. The flora of Vermont. 3rd rev. ed. Compiled by a committee of the Vermont Botanical Club, [Burlington]. 353 p.-- An annotated checklist; without keys and descriptions.
- Erskine, David S. 1960. The plants of Prince Edward Island. Canada Dept. Agr. Publ. 1088, 270 p. \$2.00, paper.--An annotated checklist with range maps; without keys and descriptions.
- Gleason, H. A. 1962. Plants of the vicinity of New York. Rev. ed. Published for the New York Botanical Garden by Hafner Publishing Co., New York. 307 p. \$4.50.--A useful book of keys to selected families, genera, and species within a 200 mile radius of New York City.
- Hitchcock, A. S., and P. C. Standley. 1919. Flora of the District of Columbia and vicinity. Contrib. U. S. Nat. Herb. 21, 329 p. Out Print.--Without species descriptions.
- Jennings, O. E. 1953. Wild flowers of Western Pennsylvania and the upper Ohio Basin. With watercolors by Andrey Avinoff. University of Pittsburgh Press, Pittsburgh. 2 vols. \$60.00.--Vol. 1 is a comprehensive flora with many range maps; vol. 2 contains 200 plates of selected species. Excellent set.
- Lakela, Olga. 1965. A flora of northeastern Minnesota. University of Minnesota Press, Minneapolis. 541 p. \$10.00.--With range maps.
- Marie-Victorin, Frère. 1935. Flore Laurentienne [Quebec]. Imprimerie de La Salle, Montreal. 917 p.--In French. Covers southern Quebec; illustrated; annotated.

- McVaugh, Rogers. 1958. Flora of the Columbia County area, New York, and Index. N. Y. State Mus. and Sci. Service Bull. 360, 360 A, 433 p.--An annotated checklist with keys to genera and species but no descriptions.
- Pease, Arthur Stanley. 1964. A flora of northern New Hampshire. New England Botanical Club, Inc., Cambridge, Massachusetts. 278 p.--A checklist with specimen citations; without keys and descriptions.
- Scoggan, H. J. 1950. The flora of Bic and the Gaspé Peninsula, Quebec. Nat. Mus. Canada Bull. 115, 399 p. \$1.30, paper.--Without species descriptions.
- Strausbaugh, P. D., and Earl L. Core. 1952-1964. Flora of West Virginia. Introd. and Pts. I-IV. West Virginia University, Morgantown. \$15.00.--Illustrated.
- Tatnall, R. Robert. 1946. Flora of Delaware and the Eastern Shore. Soc. Nat. Hist. of Delaware, [Wilmington, Del.]. 313 p.--An annotated list, without keys or descriptions, of vascular plants of the Delmarva Peninsula.
- Wiegand, Karl M., and Arthur J. Eames. 1926. The flora of the Cayuga Lake Basin, New York. Mem. Cornell Agr. Expt. Sta. 92, 491 p. Out of Print.--Without species descriptions.
- Zenkert, Charles A. 1934. The flora of the Niagara Frontier region: Ferns and flowering plants of Buffalo, N. Y. and vicinity. Bull. Buffalo Soc. Nat. Sci. 16, 328 p.--An annotated list without keys or descriptions.

Southeastern United States

- Massey, A. B. 1961. Virginia flora. Virginia Agr. Expt. Sta. (Blacksburg, Va.) Tech. Bull. 155, 258 p.--A briefly annotated checklist; without keys and descriptions.
- Mohr, Charles. 1901. Plant life in Alabama. Contrib. U. S. Nat. Herb. 6, 921 p. Out of Print.--An annotated checklist (Myxomycetes through Compositae); without keys or descriptions.
- Radford, Albert E., Harry E. Ahles, and C. Ritchie Bell. 1964. Guide to the vascular flora of the Carolinas. The Book Exchange, University of North Carolina, Chapel Hill. 383 p. \$6.30, hard cover; \$3.95, paper.--Without species descriptions.
- Radford, Albert E., Harry E. Ahles, and C. Ritchie Bell. 1965. Atlas of the vascular flora of the Carolinas. North Carolina Agr. Expt. Sta. (Raleigh) Tech. Bull. 165, 208 p.--Range maps only.

Small, John Kunkel. 1913. Flora of Miami. Published by the author, New York. 206 p. Out of print.--Ferns not included.

Great Lakes States and Adjacent Canada

Deam, Charles C. 1940. Flora of Indiana. Department of Conservation, Indianapolis. 1236 p. Out of Print.--With range maps; without descriptions.

Fassett, Norman C. 1957. Spring flora of Wisconsin. 3rd ed., with revisions by Margaret S. Bergseng. University of Wisconsin Press, Madison. 189 p. \$2.50, paper.--Including wild plants that flower before June 15; ferns, grasses, sedges, rushes, and willows omitted; many illustrations of diagnostic characters.

Jones, George Neville. 1963. Flora of Illinois. 3rd ed. University of Notre Dame Press, Notre Dame, Indiana. 401 p.--A descriptive, annotated key, without species list or descriptions.

Jones, George Neville, and George Damon Fuller. 1955. Vascular plants of Illinois. University of Illinois Press, Urbana. 593 p. \$10.00--Annotated checklist with range maps; without keys and descriptions.

Mohlenbrock, Robert H., and John W. Voigt. 1959. A flora of southern Illinois. Southern Illinois University Press, Carbondale. 390 p. \$7.50.--Without species descriptions.

Peattie, Donald Culross. 1930. Flora of the Indiana Dunes: A handbook of the flowering plants and ferns of the Lake Michigan coast of Indiana and of the Calumet district. Field Mus. Nat. Hist., Chicago. 432 p.

Soper, James H. 1949. The vascular plants of southern Ontario; a preliminary checklist. Department of Botany, University of Toronto, and Federation of Ontario Naturalists, Toronto. 95 p.--Without keys, descriptions, or annotations.

Wisconsin. 1929-1963, continuing. Preliminary reports on the flora of Wisconsin. Pts. 1-50 completed. Many authors. Published in the Trans. Wisconsin Acad. Sci.--Keys to some groups; without descriptions; range maps.

Central United States and Adjacent Canada

- Gould, F. W. 1962. Texas plants--A checklist and ecological summary. A. and M. College of Texas, Texas Agr. Expt. Sta., College Station. 112 p.--Without keys and descriptions.
- Jones, Fred B., Chester N. Rowell, Jr., and Marshall C. Johnston. 1961. Flowering plants and ferns of the Texas Coastal Bend Counties. Welder Series B-1, Rob and Bessie Welder Wildlife Foundation, Sinton, Texas. 146 p. \$2.35, paper with spiral.--Without keys and descriptions.
- Lundell, Cyrus Longworth, and collaborators. 1955-continuing. Flora of Texas. Texas Research Foundation, Renner, Texas.--To be a 10 volume work, with individual parts covering individual families or groups; parts bound as they are published, rather than in taxonomic sequence of families. For complete information, write Stechert-Hafner, New York.
- McDougall, W. B., and Omer E. Sperry. 1951. Plants of Big Bend National Park [Texas]. U. S. National Park Service. 209 p. \$1.50, paper. Superintendent of Documents, U. S. Gov. Printing Office, Washington, D. C.--With some descriptions; many illustrations (photographs); popular but accurate.
- Reeves, R. G., and D. C. Bain. 1947. Flora of South Central Texas. Rev. The Exchange Store, A. and M. College of Texas, College Station. 298 p.--Ferns excluded and grasses treated only briefly.
- Scoggan, H. J. 1957. Flora of Manitoba. Nat. Mus. Canada Bull. 140, 619 p. \$6.50, paper.--Without species descriptions.
- Shinners, Lloyd H. 1958. Spring flora of the Dallas-Fort Worth area, Texas. Published and sold by the author, Southern Methodist University, Box 473, Dallas 5, Texas. 514 p. \$5.75.--Includes wild and some cultivated monocots and dicots growing within 50 miles of Dallas and Fort Worth and flowering between January 1 and the first week in June; with some illustrations.
- Stemen, Thomas R., and W. Stanley Myers. 1937. Oklahoma flora. Harlow Publishing Corp., Oklahoma City, Oklahoma. 706 p. Out of Print.--Grasses, sedges and rushes omitted.
- Stevens, Orin A. 1963. Handbook of North Dakota plants. North Dakota Inst. for Regional Studies, Fargo. 324 p. \$4.50.--Brief unpagged appendix has been added to the 1950 ed.

- Steyermark, Julian A. [1963]. Flora of Missouri. Iowa State University Press, Ames. 1725 p. \$18.50.--Excellent illustrations; range maps; without species descriptions.
- Waterfall, U. T. 1960. Keys to the flora of Oklahoma. Oklahoma State University, Stillwater. 243 p. \$4.00, paper with spiral--Without species list or descriptions.
- Winter, John Mack. 1936. An analysis of the flowering plants of Nebraska. Bull. Conserv. Dept. Conserv. and Surv. Div. Univ. Nebraska no. 13, 203 p.--Without species descriptions; excluding ferns and gymnosperms.
- Winter, John M. and Clara K., and Theodore Van Bruggen. 1959. A checklist of the vascular plants of South Dakota. Dept. of Botany, State University of South Dakota, Vermillion. 176 p.--Without keys or descriptions.

Rocky Mountain, Great Basin, and Southwestern States
and Adjacent Canada

- Booth, W. E. 1950. Flora of Montana. Part I. Conifers and monocots. Montana State University, Bozeman. 232 p. \$1.25, paper.--Sold by University Bookstore.
- Booth, W. E., and J. C. Wright. 1966. Flora of Montana. Part II. Dicotyledons. Montana State University, Bozeman. 305 p. \$3.75, paper with spiral.--Sold by University Bookstore. With range maps.
- Clokey, Ira W. 1951. Flora of the Charleston Mountains, Clark County. Nevada. University of California Press, Berkeley. 274 p.--Without species descriptions.
- Davis, Ray J. 1952. Flora of Idaho. Wm. C. Brown Co., Dubuque, Iowa. 828 p. \$8.00.
- Harrington, H. D. 1954. Manual of the plants of Colorado. Sage Books, Denver, Colorado. 666 p. \$12.00
- Kearney, Thomas H., and Robert H. Peebles. 1942. Flowering plants and ferns of Arizona. U. S. Dept. Agr. Misc. Publ. 423, 1069 p. Out of Print.--Without species descriptions. The following work, essentially a revised edition of this work, lacks its excellent keys and synonymy.
- Kearney, Thomas H., and Robert H. Peebles. 1960. Arizona flora. 2nd ed., with supplement by John Thomas Howell and Elizabeth McClintock. University of California Press, Berkeley. 1085 p. \$15.00.--Without species descriptions.

- McDougall, W. B. and Herma A. Baggeley. 1956. Plants of Yellowstone National Park. 2nd ed., rev. Yellowstone Library and Museum Association, Yellowstone Park, Wyoming. 186 p.--In semi-technical language; with some descriptive keys to species and some descriptions of species.
- Moss, E. H. 1959. Flora of Alberta. University of Toronto Press, [Toronto]. 546 p. \$10.00; \$6.95, text ed.
- Nevada. 1940-1965. Contributions toward a flora of Nevada. Pts. 1-50; incomplete. U. S. National Arboretum, U. S. Department of Agriculture, Washington, D. C.--W. Andrew Archer was a principal collaborator. Some range maps. Mimeographed.
- Porter, C. L. 1962-1964, continuing. A flora of Wyoming, Pts. I-III. University of Wyoming Agr. Expt. Sta. Bull. 402, 404, 418.--Without species descriptions.
- Porter, C. L. 1944-1961. Contributions toward a flora of Wyoming. No. 1-34. The Rocky Mountain Herbarium, University of Wyoming, Laramie.--Mimeographed leaflets; many range maps.
- St. John, Harold. 1963. Flora of Southeastern Washington and adjacent Idaho. 3rd ed., rev. Outdoor Pictures, Escondido, California. 583 p. \$6.95.
- Standley, Paul C. 1921. Flora of Glacier National Park, Montana. Contrib. U. S. Nat. Herb. 22: 235-438. Out of Print.
- Tidestrom, Ivar. 1925. Flora of Utah and Nevada. Contrib. U. S. Nat. Herb. 25, 665 p. Out of Print.--Without descriptions.
- Weber, William A. 1961. Handbook of plants of the Colorado Front Range. 2nd print., rev. University of Colorado Press, Boulder. 232 p. \$4.00, cloth; \$2.50, paper.--Without species list or descriptions, but an annotated, descriptive key.
- Wootton, E. O., and Paul C. Standley. 1915. Flora of New Mexico. Contrib. U. S. Nat. Herb. 19, 794 p. Out of Print.--Without species descriptions.

Pacific States and Adjacent Canada

- Henry, Joseph Kaye. 1915. Flora of Southern British Columbia and Vancouver Island. W. J. Gage, Ltd., Toronto. 363 p.
- Howell, John Thomas. Marin flora: Manual of the flowering plants and ferns of Marin County, California. University of California Press, Berkeley. 322 p. \$6.00.--Without species descriptions.
- Jepson, Willis Linn. 1960. A manual of the flowering plants of California. University of California Press, Berkeley. 1238 p. \$10.00.--A reprinting of the original edition (1923-25). Including ferns.
- Jones, George Neville. 1938. The flowering plants and ferns of Mt. Rainer. University of Washington Publ. in Biol. 7, 192 p. \$3.50, paper.--Useful in Cascade Mountains and contiguous areas.
- Mason, Herbert L. 1957. A flora of the marshes of California. University of California Press, Berkeley. 878 p. \$12.50.--Excellent illustrations.
- Munz, Philip A. 1935. A manual of Southern California botany. Claremont Colleges, Claremont, California. 642 p. Out of Print.--Covers area from Los Angeles County southward.
- Munz, Philip A., in collaboration with David D. Keck. 1959. A California flora. Published for the Rancho Santa Ana Botanic Garden by the University of California Press, Berkeley. 1681 p. \$11.50.
- Peck, Morton Eaton. 1961. A manual of the higher plants of Oregon. 2nd ed. Binfords and Mort, Publishers, Portland, Oregon. 936 p. \$10.00.
- Szczawinski, Adam F. 1959. The orchids of British Columbia. British Columbia Provincial Museum, Dept. Educ., Victoria, British Columbia, Handbook No. 16, 124 p. \$0.50.--Illustrated.
- Szczawinski, Adam F. 1962. The heather family (Ericaceae) of British Columbia. British Columbia Provincial Museum, Dept. Recreation and Conserv., Victoria, British Columbia, Handbook No. 19, 205 p. \$0.50.--Illustrations; range maps.
- Thomas, John Hunter. 1961. Flora of the Santa Cruz Mountains of California. Stanford University Press, Stanford, California. 434 p. \$8.50.--Without species descriptions; many excellent illustrations.

Hawaiian Islands

Degener, Otto. 1932-1965, continuing. *Flora hawaiiensis*, or the new illustrated flora of the Hawaiian Islands. Published by the author. Books 1-4 in one vol., ed. 2, \$6.50; book 5, ed. 1, \$5.00; book 6, ed. 1, (by Otto Degener and Isa Degener), no price; incomplete.--In loose-leaf form, unpagged; illustrated; without keys.

Degener, Otto. 1945. *Plants of Hawaii National Park illustrative of plants and customs of the South Seas*. Published by the author. 314 p. \$3.50, paper.--Illustrated; without keys; an informative book in popular language.²

Hillebrand, William. 1888. *Flora of the Hawaiian Islands; a description of their phanerogams and vascular cryptogams*. B. Westermann & Co., New York. 673 p.--The only "complete" flora of the Hawaiian Islands to date.

Rock, Joseph F. 1913. *The indigenous trees of the Hawaiian Islands*. Published under Patronage, Honolulu. 518 p.--Illustrated.

²This and the preceding work available from Dr. Degener, Mokuleia Beach, Waialua, Oahu, Hawaii.

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Selected Guides to the Wildflowers of North America¹

Compiled by Elaine R. Shetler

General Pictorial Reference Works

- Graf, Alfred Byrd. 1963. *Exotica 3*. Roehrs Co., Rutherford, New Jersey. 1826 p. \$45.00 (in 2 vols., \$52.00).--Ornamental plants of the world; no keys; semi-technical descriptions; 11,300 photos, mostly b & w, some color.
- Grehan, Farrell [photos], and H. W. Rickett [text]. 1964. *The Odyssey book of American wildflowers*. Odyssey Press, New York. 252 p. \$12.95.--No keys, semi-technical descriptions; color photos.
- Hylander, Clarence J. 1956. *The world of plant life*. 2nd ed. Macmillan Co., New York. 653 p. \$12.50.--An introduction to plant families in layman's language; no keys; b & w drawings and photos.
- Hylander, Clarence J., and Edith Farrington Johnston. 1954. *Macmillan wild flower book*. Macmillan Co., New York. 480 p. \$9.95.--Primarily U. S. east of Rockies; keys to families; semi-technical descriptions; water colors.
- Lemmon, Robert S., and Charles C. Johnson. 1961. *Wildflowers of North America in full color*. Hanover House, Garden City, New York. 280 p. \$9.95.--No keys; popular descriptions; color photos.
- Walcott, Mary Morris Vaux. 1953. *Wild flowers of America; 400 flowers in full color based on paintings by Mary Vaux Walcott as published by the Smithsonian Institution of Washington, D. C., with additional paintings by Dorothy Falcon Platt*. Edited with an introduction and detailed descriptions by H. W. Rickett. Crown Publishers, New York 71 p. + 400 color plates. \$15.00.--No keys; semi-technical descriptions; water colors.

¹All books listed are in print as of 1966. Unless otherwise indicated, books are liberally illustrated. Plates are listed only when they occupy unnumbered pages.

General Field Guides

- Armstrong, Margaret. 1915. Field book of Western wild flowers.
G. P. Putnam's Sons, New York. 596 p. + 48 color plates. \$5.00.--
Covers area west of Rockies; keys to families; semi-technical
descriptions; b & w drawings, water colors. This book is a
favorite, reprinted many times.
- Cuthbert, Mabel Jaques. 1948. How to know the fall flowers. Wm. C.
Brown Co., Dubuque, Iowa. 199 p. \$2.75, cloth; \$2.25, spiral.--
Southern Canada and temperate U. S. east of Rockies; descriptive,
technical keys; b & w drawings; range maps.
- Cuthbert, Mabel Jaques. 1949. How to know the spring flowers. Rev. ed.
Wm. C. Brown Co., Dubuque, Iowa. 194 p. \$2.75, cloth; \$2.25, spiral.
--Southern Canada and temperate U. S. east of Rockies; descriptive,
technical keys; b & w drawings; range maps.
- Dawson, E. Yale. 1963. How to know the cacti. Wm. C. Brown Co.,
Dubuque, Iowa. 158 p. \$2.75, cloth; \$2.25, spiral.--Includes
common species of U. S. and Caribbean Islands; descriptive, technical
keys; b & w drawings and photos.
- Hausman, Ethel Hinckley. 1948. Beginner's guide to wild flowers.
G. P. Putnam's Sons, New York. 376 p. \$3.95.--Keyed by flower
color; semi-technical descriptions; b & w drawings.
- Jaques, H. E. 1949. Plant families: How to know them. 2nd ed.
Wm. C. Brown Co., Dubuque, Iowa. 177 p. \$2.75, cloth; \$2.25,
spiral.--Descriptive, technical keys; b & w drawings.
- Rickett, Harold William. 1963. The new field book of American wild
flowers. G. P. Putnam's Sons, New York. 414 p. + 16 color plates.
\$4.95.--Northeastern and Great Lakes States; keys; semi-technical
descriptions; b & w drawings, color photos.
- Taylor, Norman. 1955. F. Schuyler Mathews' field book of American
wild flowers. G. P. Putnam's Sons, New York. 601 p. + 31 color
plates. \$5.00.--Eastern Canada and U. S. west to 96th meridian
and south through Virginia, Kentucky, & Missouri; keyed by flower
color; semi-technical descriptions; b & w drawings, color paintings.
- Wherry, Edgar T. 1948. Wild flower guide. Doubleday & Co., Garden
City, New York. 202 p. + 96 plates. \$4.50.--Eastern U. S. west
to 100° W. long., south to 37° N. lat.; family keys and keys based
on flower color; semi-technical descriptions; b & w drawings, color
paintings.

- Zim, Herbert S., and Alexander C. Martin. 1950. Flowers: A guide to familiar American wildflowers. Simon and Schuster, New York. 157 p. \$1.00, paper.--Keyed by flower color; popular descriptions; color paintings; range maps.

Arctic and Subarctic North America

- Potter, Louise. 1962. Roadside flowers of Alaska. Published by the author, Thetford Center, Vermont. 590 p. \$7.00, cloth; \$6.00, paper.--Southcentral Alaska; keyed by flower color; semi-technical descriptions; b & w drawings.
- Sharples, Ada White. 1938. Alaska wild flowers. Stanford University Press, Stanford, California. 156 p. \$3.75.--Best for southeastern coastal region; no keys; popular descriptions; b & w photos.

Northeastern United States and Adjacent Canada

- Dana, Mrs. William Starr. 1963. How to know the wild flowers. Revised edition by Clarence J. Hylander. Dover Publications, New York. 418 p. \$2.00, paper.--Grouped by flower color; no keys; semi-technical descriptions; b & w drawings.
- House, Homer D. 1934. Wild flowers. Reissued in 1961 from new plates. Macmillan Co., New York. 362 p. + 264 color plates. \$17.95.--Best for New York state; keys only in large genera; technical descriptions; b & w, color photos.
- Jennings, O. E. 1953. Wild flowers of Western Pennsylvania and the upper Ohio Basin. With watercolors by Andrey Avinoff. University of Pittsburgh Press, Pittsburgh. 2 vols. \$60.00.--Vol. 1 is a comprehensive flora with technical keys and descriptions and many range maps; Vol. 2 contains 200 plates in full color.
- Montgomery, F. H. 1965. Native wild plants of Northeastern United States and Eastern Canada. Frederick Warne & Co., New York. 193 p. \$3.95.--Keys; semi-technical descriptions; b & w drawings, color photos.
- Muenschner, W. C., and L. C. Petry. 1949. Keys to spring plants. 6th ed. Comstock Publishing Associates, Ithaca, New York. 32 p. \$0.50, paper.--Good for New York specifically and the Northeast in general; technical keys for identification; no descriptions; no illustrations.

Newcomb, Lawrence. 1963. Pocket key to common wild flowers. New England Wild Flower Preservation Society, Boston, Massachusetts. 104 p. \$2.00, paper.--Keyed by flower color and also by number combinations determined by characters of plant; no descriptions; no illustrations.

Sharpe, Grant and Wenonah. 1963. 101 wildflowers of Acadia National Park. University of Washington Press, Seattle. 40 p. \$1.00, paper.--Arranged by flower color; no keys; semi-technical descriptions; b & w drawings.

Underhill, Miriam [ed.]. 1964. Mountain flowers of New England. Appalachian Mountain Club, Boston, Mass. 147 p. \$4.50.--Keys; semi-technical descriptions; b & w drawings, color paintings.

Southeastern United States

Baker, Mary Francis. 1938. Florida wild flowers. Rev. ed. Macmillan Co., New York. 245 p. + 47 plates. \$5.75.--Keys; semi-technical descriptions; sparsely illustrated with b & w photos.

Batson, Wade T. 1964. Wild flowers in South Carolina. University of South Carolina Press, Columbia. 146 p. \$5.00.--Keys; semi-technical descriptions; color photos.

Campbell, Carlos C., William F. Hutson, Hershall L. Macon, and Aaron J. Sharp. 1964. Great Smoky Mountain wildflowers. Enlarged ed. University of Tennessee Press, Knoxville. 88 p. \$1.50, spiral.--No keys; popular descriptions; color photos.

Craighead, Frank C. 1963. Orchids and other air plants of the Everglades National Park. University of Miami Press, Coral Gables, Florida. 126 p. + 8 color plates. \$3.95, cloth; \$2.00, paper.--Keys; popular descriptions; b & w drawings and photos, color photos.

Dormon, Caroline. 1958. Flowers native to the deep South. Claitor's Book Store, Baton Rouge, Louisiana. 176 p. + 33 plates. \$7.50.--No keys; popular descriptions; b & w drawings, color plates.

Greene, Wilhelmina F., and Hugo L. Blomquist. 1953. Flowers of the South: Native and exotic. University of North Carolina Press, Chapel Hill. 208 p. + 25 color plates. \$5.00.--No keys; popular descriptions; b & w drawings, color paintings.

Sharpe, Grant and Wenonah. 1958. 101 wildflowers of Shenandoah National Park. University of Washington Press, Seattle. 40 p. \$1.00, paper.--Arranged by flower color; no keys; semi-technical descriptions; b & w drawings.

Stupka, Arthur. 1965. Wildflowers in color. Harper & Row Publishers, New York. 144 p. \$5.95.--Southern Appalachian Mountains; no keys; popular descriptions; color photos.

Great Lakes States and Adjacent Canada

Case, Frederick W., Jr. 1964. Orchids of the western Great Lakes region. Cranbrook Institute of Science, Bloomfield Hills, Michigan. 147 p. + 32 plates. \$7.00.--Keys; semi-technical descriptions; b & w, color photos; range maps.

Eifert, Virginia S. 1952. Flowers that bloom in the spring. 4th printing, rev. Illinois State Museum, Springfield. 48 p. \$0.25, paper.--No keys; popular descriptions; b & w drawings.

Fassett, Norman C. 1957. Spring flora of Wisconsin. 3rd ed., with revisions by Margaret S. Bergseng. University of Wisconsin Press, Madison. 189 p. \$2.50, paper.--Including wild plants that flower before June 15; keys; semi-technical descriptions; some b & w drawings of diagnostic characters.

Janke, Robert A., and Nadine Janke. 1962. The wildflowers of Isle Royale National Park [Michigan]. Isle Royale Natural History Association, Houghton, Michigan. 85 p. \$1.00, paper.--Arranged by flower color; no keys; popular descriptions; b & w drawings.

Smith, Helen V. 1961. Michigan wildflowers. Cranbrook Institute of Science, Bloomfield Hills, Michigan. 465 p. + 17 color plates. \$5.00.--Keys; semi-technical descriptions; b & w drawings, water colors.

Voss, John, and Virginia S. Eifert. 1960. Illinois wild flowers. 2nd printing, rev. Illinois State Museum, Springfield. 256 p. \$2.25, paper.--No keys; popular descriptions; b & w photos.

Central United States and Adjacent Canada

Budd, A. C. 1957. Wild plants of the Canadian prairies. Experimental Farms Service, Canada Department of Agriculture Publ. 983, 348 p. \$4.00, cloth.--Keys; semi-technical descriptions; some b & w drawings. [Order from The Queen's Printer, Ottawa, Canada.]

Clements, Edith S. 1947. Flowers of prairie and woodland. H. W. Wilson Co., New York. 83 p. + 25 color plates. Available from Hafner Publishing Co., New York, for \$4.50.--No keys; popular descriptions; water colors.

- McDougall, W. B., and Omer E. Sperry. 1951. Plants of Big Bend National Park [Texas]. U. S. National Park Service. 209 p. \$1.50, paper. Superintendent of Documents, U. S. Gov. Printing Office, Washington, D. C.--Keys; semi-technical descriptions; b & w photos.
- Rickett, Theresa C. 1954. Wild flowers of Missouri. 2nd ed., with revisions and editing by E. M. Palmquist and C. L. Kucera. University of Missouri [Columbia] Bull., Vol. 55, No. 20, 148 p. \$1.00, paper.--Keys; popular text; b & w photos.
- Stevens, William Chase. 1961. Kansas wild flowers. 2nd ed. University of Kansas Press, Lawrence. 461 p. \$8.00.--Technical keys and descriptions; b & w photos.
- Thompson, Eloise Reid. 1964. Wildflower portraits. University of Oklahoma Press, Norman. [100 p. + 100 color plates, unnumbered]. \$15.00.--Central U. S., especially Texas; no keys, popular descriptions; water colors.
- Wills, Mary Motz [paintings], and Howard S. Irwin [text]. 1961. Roadside flowers of Texas. University of Texas Press, Austin. 295 p. \$5.75. --Keys; technical descriptions with popular notes; water colors.

Rocky Mountain, Great Basin, and Southwestern States
and adjacent Canada

- Arnberger, Leslie P., and Jeanne R. Janish. 1962. Flowers of the Southwest mountains. 3rd ed. Southwestern Monuments Association, Globe, Arizona. 112 p. \$1.00, paper.--Grouped by color; no keys; popular descriptions; b & w drawings.
- Clements, Edith S. 1926. Flowers of mountain and plain. 3rd ed. H. W. Wilson Co., New York. 79 p. + 43 color plates. Reprinted in 1955 by Hafner Publishing Co., New York \$4.50.--No keys; popular descriptions; water colors.
- Clements, Frederic E., and Edith S. Clements. 1928. Rocky Mountain flowers. 3rd ed. H. W. Wilson Co., New York. 390 p. + 26 color plates. Reprinted in 1963 by Hafner Publishing Co., New York. \$7.50.--Keys; semi-technical descriptions; b & w drawings, water colors.
- Craighead, John J., Frank C. Craighead, Jr., and Ray J. Davis. 1963. A field guide to Rocky Mountain wildflowers. Houghton Mifflin Co., Boston. 277 p. + 24 color plates. \$4.95.--Keys; semi-technical descriptions; b & w drawings; color photos.

Dodge, Matt N. 1965. 100 desert wildflowers in natural color. 2nd ed. Southwestern Monuments Association, Globe, Arizona. [64 p., unnumbered]. \$1.50, paper.--No keys; popular descriptions; color photos.

Dodge, Matt N., and Jeanne R. Janish. 1960. Flowers of the Southwest deserts. 5th ed., rev. Southwestern Monuments Association, Globe, Arizona. 112 p. \$1.00, paper.--Grouped by flower color; no keys; popular descriptions; b & w drawings.

McDougall, W. B. 1964. Grand Canyon wild flowers. Museum of Northern Arizona, Flagstaff. 259 p. \$5.00.--Keys; semi-technical descriptions; b & w, color photos.

McDougall, W. B., and Herma A. Bagglely. 1956. Plants of Yellowstone National Park. 2nd ed., rev. Yellowstone Library and Museum Association, Yellowstone Park, Wyoming. 186 p. + 19 color plates. \$3.50, cloth; \$2.50, paper.--Keys; some semi-technical descriptions; b & w, color photos.

Nelson, Ruth Ashton. 1953. Plants of Rocky Mountain National Park. Rev. ed. National Park Service. 201 p. \$1.00, paper. Superintendent of Documents; U. S. Gov. Printing Office, Washington, D. C.--Keys; popular descriptions; some b & w photos.

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- Clements, Edith S. 1928. Flowers of coast and sierra. H. W. Wilson Co., New York. 226 p. + 32 color plates. Reprinted in 1959 by Hafner Publishing Co., New York. \$7.50.--No keys; popular descriptions; water colors. An old favorite, but now superseded by books in the Munz series.
- Ferris, Roxana S. 1962. Death Valley wildflowers. Drawings by Jeanne R. Janish. Death Valley Natural History Association, Death Valley, California. 141 p. \$1.75, paper.--No keys; popular descriptions; b & w drawings.
- Hill, Clara Chapman. 1958. Spring flowers in the Lower Columbia Valley. Illustrated by Mary Comber Miles. University of Washington Press, Seattle, Washington. 164 p. \$3.00.--Keys; semi-technical descriptions; b & w drawings.
- Jaeger, Edmund C. 1941. Desert wild flowers. Rev. ed. Stanford University Press, Stanford, California. 322 p. \$5.00.--Keys; semi-technical descriptions; b & w drawings, photos.
- Munz, Philip A. 1961. California spring wildflowers. University of California Press, Berkeley. 122 p. \$4.95, cloth; \$2.95, paper.--Grouped by flower color; no keys; semi-technical descriptions; b & w drawings, color photos.
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- Smith, Gladys L. 1962. Flowers of Lassen Volcanic National Park [California]. Loomis Museum Association, Lassen Volcanic National Park, [Mineral, California]. 52 p. \$1.00, paper.--Grouped by flower color; no keys; popular descriptions; b & w drawings, color photos.
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- Hargreaves, Dorothy and Bob. 1958. Hawaii blossoms. Hargreaves Industrial, Portland, Oregon. 62 p. \$3.50, cloth; \$2.00, paper.--No keys; popular descriptions; color photos.
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