

UNITED STATES DEPARTMENT OF AGRICULTURE,
FOREST SERVICE.

HENRY S. GRAVES, Forester.

April Field Program, 1917.

This program of field work and assignments in the Forest Service is issued quarterly, on the 15th day of July, October, January, and April, and is for the exclusive use of members of the Service and cooperating bureaus. The names of members whose assignments are not yet fixed are necessarily omitted. All orders and other instructions printed in the Field Program will apply to all districts.

It is requested that the members of the Forest Service cooperate in making this program complete and accurate.

Unless the address of a member is given in this program or is definitely known, he should be addressed in care of the Forest Service, Washington, D. C.

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W. N. SPARHAWK, forest examiner, fire studies.

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ATLAS.—G. B. BRUCE.

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PHOTOGRAPHY.—E. S. SHIPP.

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Montana, northeastern Washington, northern Idaho, northwestern South Dakota, and southwestern North Dakota. Office, Federal Building, Missoula, Mont.

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Arizona and New Mexico. Office, Gas and Electric Building, Albuquerque, N. Mex.

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LAW.—Office of the Solicitor (Forest Service branch). J. O. SETH, assistant to the solicitor, in charge.

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- Manzano.**—JAMES F. MULLEN, forest supervisor, Albuquerque (WU, P-WF).
- Santa Fe.**—JOSEPH C. KIRCHER, forest supervisor, Santa Fe (WU-G, WF); Ira T. Yarnall, deputy forest supervisor; J. Wilbur O'Byrne, forest examiner. Las Gallinas Nursery, Herman Krauch, forest examiner.

DISTRICT 4.

Utah, southern Idaho, western Wyoming, eastern and central Nevada, and northwestern Arizona. Office, Forest Service Building, Ogden, Utah.

L. F. KNEIPP, district forester; JAMES E. SCOTT, educational cooperation.

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OPERATION.—A. C. MCCAIN, assistant district forester; F. J. RYDER, forest supervisor, executive assistant; JOHN C. BROWN, improvements.

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STUDIES.—MARK ANDERSON, grazing examiner.

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RESEARCH.—C. F. KORSTIAN, forest examiner.

ENGINEERING.—J. P. MARTIN, district engineer.

MAPS AND SURVEYS.—

Drafting.—F. I. SHAFER.

ROADS.—J. P. MARTIN, in charge.

WATER POWER.—J. P. MARTIN, in charge.

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NATIONAL FORESTS.

ARIZONA.

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Kaibab.—LEE A. HARRIS, forest supervisor, Kanab, Utah (WU-WF).

IDAHO.

Boise.—E. GRANDJEAN, forest supervisor, Boise (WU-Am).

Cache.—See Utah.

Caribou.—L. W. HASTINGS, forest supervisor, Montpelier (WU-Am); Herman Work, deputy forest supervisor; T. B. Nichols, grazing studies.

Challis.—DAVID LAING, forest supervisor, Challis (WU-Am).

Idaho.—E. C. SANFORD, forest supervisor, McCall (WU-P); Lawrence J. Phelan, deputy forest supervisor.

Lemhi.—C. I. HUDDLE, forest supervisor, Mackay (WU-Am); C. F. Evans, forest examiner.

Minidoka.—W. M. CAMPBELL, forest supervisor, Oakley (WU-Am); C. D. Simpson, deputy forest supervisor.

Palisade.—CHESTER B. MORSE, forest supervisor, St. Anthony (WU-Am); John Ingram, forest examiner.

Payette.—GUY B. MAINS, forest supervisor, Emmett (WU-Am); F. S. Moore, deputy forest supervisor.

Salmon.—DANA PARKINSON, forest supervisor, Salmon (WU-Am); S. S. Stewart, deputy forest supervisor.

Sawtooth.—M. S. BENEDICT, forest supervisor, Halley (WU-Am); Herbert G. McPheters, deputy forest supervisor.

Targhee.—CHESTER B. MORSE, forest supervisor, St. Anthony (WU-Am); Samuel W. Stoddard, deputy forest supervisor.

Weiser.—J. B. LAFFERTY, forest supervisor, Weiser (WU-Am).

NEVADA.

Humboldt.—VERNON METCALE, forest supervisor, Elko (WU-WF); C. E. Favre, deputy forest supervisor.

Nevada.—F. L. MOTT, forest supervisor, Ely (WU-WF).

Ruby.—VERNON METCALF, forest supervisor, Elko (WU-WF).
 Santa Rosa.—VERNON METCALF, forest supervisor, Elko (WU-WF).
 Toiyabe.—W. W. BLAKESLEE, forest supervisor, Austin (WU, P-WF);
 Raymond G. Steele, deputy forest supervisor, Man-
 hattan.

UTAH.

Ashley.—W. M. ANDERSON, forest supervisor, Vernal (WU-WF).
 Cache.—E. C. SHEPARD, forest supervisor, Logan (WU-Am); Edmund
 B. S. Spencer, deputy forest supervisor.
 Dixie.—WM. M. MACE, forest supervisor, St. George (WU-WF).
 Fillmore.—JOHN RAPHAEL, forest supervisor, Richfield (WU-WF); Bert
 L. Robins, deputy forest supervisor; J. C. Roak, for-
 est examiner.
 Fishlake.—C. A. MATTSSON, forest supervisor, Salina (WU-WF); David
 A. Arrivee, deputy forest supervisor.
 La Sal.—S. B. LOCKE, forest supervisor, Moab (WU-WF).
 Manti.—B. E. MATTSSON, forest supervisor, Ephraim (WU-WF).
 Minidoka.—See Idaho.
 Powell.—GEO. H. BARNEY, forest supervisor, Escalante (WU-WF).
 Sevier.—J. W. HUMPHREY, forest supervisor, Panguitch (WU-WF);
 Wallace M. Riddle, deputy forest supervisor.
 Uinta.—A. W. JENSEN, forest supervisor, Provo (WU-WF); J. Carl
 Alfred, deputy forest supervisor; J. W. Stokes, forest
 examiner.
 Wasatch.—CARL B. ARENTSON, forest supervisor, Salt Lake City (WU,
 P-Am, WF); W. W. Smith, deputy forest supervisor;
 Wm. F. Tribe, scaler, in charge of Standard Timber
 Co. sale.

WYOMING.

Teton.—R. E. MILLER, forest supervisor, Jackson (WU-Am).
 Wyoming.—CHARLES A. BEAM, forest supervisor, Afton (WU-Am);
 L. F. Watts, forest examiner.

DISTRICT 5.

California and southwestern Nevada. Office, 114 Sansome Street,
 San Francisco, Cal.

COERT DUBOIS, district forester; L. H. WHITEMAN, in charge in-
 formation; CLARENCE WILEY, national forest inspector.

LAW.—Office of the Solicitor (Forest Service branch). H. P.
 DECHANT, assistant to the solicitor, in charge.

ACCOUNTS.—A. W. SMITH, district fiscal agent.
 OPERATION.—ROY HEADLEY, assistant district forester; D. P.
 GODWIN, national forest examiner, fire protection; FREDERICK H.
 HAFLEY, telephone expert; EVAN W. KELLEY, national forest examiner,
 improvements.

MAINTENANCE.—FRANK HAYNIE.

SILVICULTURE.—T. D. WOODBURY, assistant district forester; L. W.
 HESS, office assistant; SWIFT BERRY, logging engineer; D. C. BIRCH,
 forest examiner; J. C. ELLIOTT, lumberman.

W. H. GALLAHER, forest examiner, timber surveys.

RALPH HOPPING, national forest examiner, insect control.

E. P. MEINECKE, consulting pathologist; J. S. BOYCE, assistant
 pathologist.

GRAZING.—C. E. RACHFORD, assistant district forester.

STUDIES.—F. D. DOUTHITT, grazing examiner.

LANDS.—L. A. BARRETT, assistant district forester; CHAS. S.
 BROTHERS, assistant; W. H. FRIEDHOFF, mineral examiner. Land clas-
 sification: J. O. MORROW, national forest examiner, in charge of dis-
 trict; CARY HILL, forest examiner. Entry surveys: P. L. DAY, national
 forest examiner, surveyor.

ENGINEERING.—F. H. FOWLER, district engineer; J. C. DORT, as-
 sistant district engineer.

MAPS AND SURVEYS.—

Drafting.—R. E. L. BORGFELDT.

WATER POWER.—F. H. FOWLER, in charge.

PRODUCTS.—C. STOWELL SMITH, assistant district forester, in
 charge; C. A. KUPFER, forest examiner.

EXPERIMENT STATIONS.

Feather River, Plumas National Forest.—J. A. MITCHELL, forest exam-
 iner, in charge, Quincy, Cal.; Stuart B. Show, forest
 examiner, assistant.

Converse, Angeles National Forest.—EDWARD N. MUNNS, forest examiner,
 in charge, Seven Oaks, Redlands, Cal.

NATIONAL FORESTS.

CALIFORNIA.

Angeles.—R. H. CHARLTON, forest supervisor, Los Angeles (WU, P-WF).
 California.—J. D. COFFMAN, forest supervisor, Oriental (WU via Wil-
 lows-WF via Fruto); B. H. Mace, deputy forest super-
 visor.

Cleveland.—N. H. SLOANE, forest supervisor, Escondido (WU-WF).

Eldorado.—EDWARD I. KOTOK, forest supervisor, Placerville (WU-WF).

- Inyo.**—A. H. HOGUE, forest supervisor, Bishop (WU-WF).
Klamath.—W. B. RIDER, forest supervisor, Yreka (WU-WF); Knower Mills, forest examiner.
Lassen.—W. J. RUSHING, forest supervisor, Red Bluff (P-WF); M. R. Tillotson, deputy forest supervisor.
Modoc.—W. G. DURBIN, forest supervisor, Alturas (WU-WF); Oscar M. Evans, forest examiner.
Mono.—See Nevada.
Monterey.—HAMILTON G. MERRILL, forest supervisor, King City (WU-WF).
Plumas.—D. N. ROGERS, forest supervisor, Quincy (WU-Am); Frank B. Cayot, deputy forest supervisor; George R. Orr and Reese W. Taylor, forest examiners.
Santa Barbara.—J. R. HALL, forest supervisor, Santa Barbara (P-WF).
Sequoia.—S. W. WYNNE, forest supervisor, Bakersfield (WU-WF); F. P. Cunningham, deputy forest supervisor; George W. Lyons, forest examiner.
Shasta.—R. F. HAMMATT, forest supervisor, Sisson (P-WF); E. B. Long, lumberman; Belknap C. Goldsmith, forest examiner. Pilgrim Creek Nursery.
Sierra.—M. A. BENEDICT, forest supervisor, Northfork (WU via Friant-WF via Friant); Chester E. Jordan, deputy forest supervisor; J. V. Wulff, forest examiner.
Stanislaus.—R. W. AYERS, forest supervisor, Sonora (WU-WF); T. C. West, deputy forest supervisor.
Tahoe.—R. L. P. BIGELOW, forest supervisor, Nevada City (WU-WF); W. A. Merrill, deputy forest supervisor; L. T. Larsen, forest examiner.
Trinity.—W. A. HUESTIS, forest supervisor, Weaverville (WU-WF); Ernest V. Jotter, forest examiner.

NEVADA.

Eldorado.—See California.

Inyo.—See California.

Mono.—WM. M. MAULE, forest supervisor, Gardnerville (WU-WF).

Tahoe.—See California.

DISTRICT 6.

Washington, Oregon, and Alaska. Office, Beck Building, Portland, Oreg.

GEO. H. CECIL, district forester; A. G. JACKSON, education.

LAW.—Office of the Solicitor (Forest Service branch). **W. F. STALEY**, assistant to the solicitor, in charge.

ACCOUNTS.—H. J. LOVING, district fiscal agent.

OPERATION.—C. H. FLORY, assistant district forester; SHIRLEY BUCK, national forest inspector; M. L. MERRITT, assistant in improvement work; C. M. ALLEN, telephone engineer; W. B. OSBORNE, deputy forest supervisor, fire protection.

MAINTENANCE.—H. M. WHITE.

INSPECTION.—Protection of Oregon & California Railroad lands and cooperation under Weeks law, NORMAN G. JACOBSON, forest examiner.

SILVICULTURE.—F. E. AMES, assistant district forester; W. H. GIBBONS, investigation of logging costs; W. T. ANDREWS, AUSTIN CARY, and C. H. WOODCOCK, logging engineers; L. A. NELSON and EDWIN C. ERICKSON, lumbermen; A. J. JAENICKE, insect control; G. A. BRIGHT and A. A. GRIFFIN, forest examiners; ROBT. CRAIG, Jr., national forest examiner, timber surveys.

PLANTING.—J. F. KÜMMEL and W. H. LEVE, forest examiners.

FOREST INVESTIGATIONS.—T. T. MUNGER, forest examiner.

GRAZING.—T. P. MACKENZIE, assistant district forester; J. L. PETERSON, grazing examiner.

LANDS.—C. J. BUCK, assistant district forester.

CLAIMS.—W. M. H. WOODWARD, mineral examiner.

SETTLEMENT.—A. H. WRIGHT, national forest examiner.

USES AND STATIONS.—FRANK A. LAW, Jr., clerk.

LAND CLASSIFICATION.—J. ROY HARVEY, national forest examiner.

WASHINGTON STATE LAND EXCHANGE.—STANTON G. SMITH, forest supervisor.

ENGINEERING.—

MAPS AND SURVEYS.—A. H. HODGSON, in charge.

Drafting.—R. H. ROBERTSON.

WATER POWER.—LEONARD LUNDGREN, in charge.

PRODUCTS.—H. B. OAKLEAF, in charge; CLAUDE E. GREIDER and C. W. GOULD, Portland; C. W. ZIMMERMAN, CORNELIUS BARRY, and E. G. SNELL, Seattle Wash.

EXPERIMENT STATION.

Wind River, Columbia National Forest.—JULIUS V. HOFMANN, forest examiner, in charge, Stabler, Wash.

NATIONAL FORESTS.

ALASKA.

Chugach.—W. G. WEIGLE, forest supervisor, Ketchikan (SC, U. S. A., WU-AP, Am); Thomas M. Hunt, forest supervisor, Seward (WU, P-WF).

Tongass.—W. G. WEIGLE, forest supervisor, Ketchikan (SC, U. S. A., WU-AP, Am); George L. Drake, deputy forest supervisor; R. E. Kan Smith, forest examiner.

OREGON.

- Cascade.**—C. R. SEITZ, forest supervisor, Eugene (WU, P-WF); B. F. Heintzleman, deputy forest supervisor.
- Crater.**—M. L. ERICKSON, forest supervisor, Medford (WU, P-WF); A. E. Cohoon, deputy forest supervisor; H. D. Foster, Bruce Hoffman, O. F. Ericson, forest examiners.
- Deschutes.**—W. G. HASTINGS, forest supervisor, Bend (WU, P); V. V. Harpham, deputy forest supervisor; W. J. Sproat, forest examiner.
- Fremont.**—GILBERT D. BROWN, forest supervisor, Lakeview (WU via Reno, Nev-P, WF); R. A. Bradley, deputy forest supervisor.
- Klamath.**—See California.
- Malheur.**—CY. J. BINGHAM, forest supervisor, John Day (WU via Baker-Am, WF via Baker).
- Minam.**—EPHRAIM BARNES, forest supervisor, Baker (WU-Am); W. E. White, forest examiner.
- Ochoco.**—HOMER ROSS, forest supervisor, Prineville (WU, PT & T-Am).
- Oregon.**—T. H. SHERRARD, forest supervisor, Portland (WU, P-Am, WF, N); Ralph S. Shelley, deputy forest supervisor; Carl B. Neal, forest examiner.
- Santiam.**—C. C. HALL, forest supervisor, Albany (WU, P-WF); A. R. Wilcox, forest examiner.
- Siskiyou.**—N. F. MACDUFF, forest supervisor, Grants Pass (WU, P-WF); D. B. Reynolds, deputy forest supervisor; H. A. Haefner, forest examiner.
- Siuslaw.**—H. B. RANKIN, forest supervisor, Eugene (WU, P-WF); C. T. Beach, deputy forest supervisor; H. M. Johnson and L. B. Pagter, forest examiners.
- Umatilla.**—W. W. CRYDER, forest supervisor, Pendleton (WU, P-Am).
- Umpqua.**—S. C. BARTRUM, forest supervisor, Roseburg (WU, P-WF); George Bonebrake, deputy forest supervisor; R. S. Wallace, forest examiner.
- Wallowa.**—H. W. HARRIS, forest supervisor, Wallowa (WU-Am); N. J. Billings, deputy forest supervisor.
- Wenaha.**—See Washington.
- Whitman.**—R. M. EVANS, forest supervisor, Baker (WU-Am); F. A. Matz, deputy forest supervisor; T. J. Starker, forest examiner.

WASHINGTON.

- Chelan.**—E. H. MACDANIELS, forest supervisor, Chelan (PT & T-Am, GN via Wenatchee).
- Columbia.**—F. H. BRUNDAGE, forest supervisor, Portland, Oreg. (WU, P-Am, WF, N); L. Wernsted, forest examiner.

- Colville.**—C. C. REID, forest supervisor, Republic (WU, P-Am, GN); F. W. Cleator, deputy forest supervisor.
- Okanogan.**—H. M. HALE, forest supervisor, Okanogan (PT & T-Am, GN via Wenatchee); L. E. McDaniels, deputy forest supervisor.
- Olympic.**—R. L. FROMME, forest supervisor, Olympia (WU, P-Am, GN, N); A. A. Parker, deputy forest supervisor; E. J. Hanzlik, Geo. W. Hutton, forest examiners.
- Rainier.**—G. F. ALLEN, forest supervisor, Tacoma (WU, P-Am, N); P. T. Harris, deputy forest supervisor; E. J. Fenby, forest examiner.
- Snoqualmie.**—LEWIS A. TREEN, Jr., acting forest supervisor, Seattle (WU, P-N, GN, WF); F. B. Kellogg, forest examiner.
- Washington.**—C. H. PARK, forest supervisor, Bellingham (WU, P-Am, GN, N); R. L. Campbell, deputy forest supervisor.
- Wenaha.**—J. M. SCHMITZ, forest supervisor, Walla Walla (WU-Am, N).
- Wenatchee.**—A. H. SYLVESTER, forest supervisor, Leavenworth (WU-Am, GN); W. K. Ramsdell, forest examiner.

DISTRICT 7.

Arkansas, Florida, Oklahoma, South Carolina, Georgia, North Carolina, Tennessee, Virginia, West Virginia, New Hampshire, Porto Rico. Office, Atlantic Building, Washington, D. C.

WM. L. HALL, district forester; FRANKLIN W. REED, assistant district forester; H. O. STABLER, assistant district forester; FRANCIS KIEFER, assistant district forester; W. F. HILL, deputy forest supervisor; S. L. WOLFE, forest examiner, in charge of products; E. L. LINDSAY, forest examiner, exhibits.

NATIONAL FORESTS.

ARKANSAS.

- Arkansas.**—R. C. HUEY, forest supervisor, Hot Springs (WU, P-WF, P); E. J. Mead, deputy forest supervisor.
- Ozark.**—E. V. CLARK, forest supervisor, Harrison (WU-WF); C. J. Heller, forest examiner.

FLORIDA.

- Florida.**—I. F. ELDRIDGE, forest supervisor, Pensacola, Fla. (WU, P); L. L. Bishop, forest examiner, land classification.

OKLAHOMA.

Wichita.—FRANK RUSH, forest supervisor, Cache (WU-WF).

PORTO RICO.

Luquillo.—(Not under administration.)

PURCHASE AREAS.

- Boone.—J. J. FRITZ, forest examiner, in charge, Marion, N. C. (WU, P-So).
- Cherokee-Georgia.—H. G. SPAHR, forest examiner, in charge, Blue Ridge, Ga. (WU, P-Ad).
- Massanutten.—E. D. CLARK, forest examiner, in charge, Woodstock, Va. (WU, P-So).
- Monogahela.—H. L. JOHNSON, forest examiner, in charge, Elkins, W. Va. (WU, P-Ad).
- Mount Mitchell.—J. J. FRITZ, forest examiner, in charge, Marion, N. C. (WU, P-So).
- Natural Bridge.—J. H. FAHRENBACH, forest examiner, in charge, Buena Vista, Va. (WU, P-Ad, So).
- Pisgah-Nantahala.—VERNE RHOADES, forest supervisor, Asheville, N. C. (WU, P-So).
- Potomac.—E. D. CLARK, forest examiner, in charge, Woodstock, Va. (WU, P-So).
- Savannah.—R. W. SHIELDS, forest examiner, in charge, Clayton, Ga. (WU, P-So).
- Shenandoah.—S. H. MARSH, forest examiner, in charge, Harrisonburg, Va. (WU, P-Ad, So).
- Unaka.—E. P. BUSHNELL, forest examiner, in charge, Johnson City, Tenn. (WU, P-So).
- White Top.—H. L. RUSSELL, forest examiner, in charge, Abingdon, Va. (WU, P-So).
- White Mountain.—J. S. BENEDICT, forest examiner, in charge, Gorham, N. H. (WU, P-Am).

SERVICE CHANGES.

APPOINTED.

RESEARCH—Laboratory: Henry Stohr, mechanical draftsman.

DISTRICT 1.—Jacob Roeser, jr., Coeur d'Alene, forest assistant; Thos. J. Carney, Beartooth; Jas. H. Bosworth, Flathead; Clyde P. Fickes, Gallatin; Wm. A. Schowe, Madison; Harry G. Ade, Kenneth Wolfe, and Samuel Cook, Missoula; Thos. E. Norton, Sioux, forest rangers; Elizabeth P. Dill, Flathead; Hazel Davenport, Kootenai, clerks (stenographers and typewriters); Le Vaughn Beaman, Blackfoot, clerk (typewriter); Jean Ewen and Wm. P. Stephenson, draftsman (topographic); Harold H. Lansing, draftsman (copyist-topographic); Sprague T. Simons, draftsman; Alice M. Brown and Carol S. Garby, clerks (stenographers and typewriters).

DISTRICT 2.—Ben G. Sucher, Battlemen; Walter Enbon, Gunnison; Elmer E. Bascom, Sopris, forest rangers; Ralph W. Gray, Bridger, forest clerk; Ruth H. Lockwood, Harney, clerk (stenographer and typewriter).

DISTRICT 3.—Walter M. Mickelson, Coconino; Frank Angle, Crook; Frank D. Harris, Datil; Hugh O. Cassidy, Gila; Hugh H. Higgins, Prescott; Clifford H. Stewart, Santa Fe; Lafayette S. Kartchner, Sitgreaves, forest rangers; Evelyn R. Price, Alamo-Lincoln, clerk (stenographer and typewriter); Herbert L. Phelps, Tonto, forest clerk; Lena Wind, clerk (stenographer and typewriter); Harry S. Patton, blue printer.

DISTRICT 4.—John S. Bennett (reappointment), Ashley; Samuel A. Buchanan (reappointment), Minidoka; Verne W. Earls, Herbert W. Johnston and David A. Shoemaker, Cache; Wilfred E. Tangren, La Sal, forest rangers; Herbert L. Cox, Toiyabe; John W. Slegel, Salmon; Lewis R. Walgren, Powell, forest clerks; William H. Drennon, draftsman (copyist-topographer); John F. Purdy, messenger boy; John A. O'Connell.

DISTRICT 5.—Archie M. Conley, Feather River Experiment Station, clerk (stenographer and typewriter); Philip Liff, messenger boy.

DISTRICT 6.—Garrett B. Holloway, Crater, clerk (typewriter); Louise A. Grosse, clerk (stenographer and typewriter); Jennie M. Niehueser, telephone operator.

DISTRICT 7.—Monroe M. Plemmons, Arkansas, assistant forest ranger.

PROMOTED IN RANK.

RESEARCH—Laboratory: Carlile P. Winslow, assistant director to director.

DISTRICT 1.—Chas. K. McHarg, jr., forest examiner, Coeur d'Alene, to forest supervisor, Nezperce; Lenthall Wyman, forest ranger to forest examiner.

DISTRICT 2.—Earl B. Tanner, lumberman to logging engineer; Wm. J. Trembath, Michigan, clerk (stenographer and typewriter) to forest clerk.

DISTRICT 3.—Ward Shepard, forest ranger to forest examiner; Robert Munro, Gila, forest ranger to deputy forest supervisor; Ralph R. Randall, assistant district engineer, District 5, to district engineer.

DISTRICT 4.—Frederick L. Mott, forest ranger, Lemhi, to forest supervisor, Nevada; Dana Parkinson, deputy forest supervisor, Boise, to forest supervisor, Salmon; Earl C. Sanford, deputy forest supervisor, Challis, to forest supervisor, Idaho; Clarence E. Favre, Humboldt, grazing assistant to deputy forest supervisor; Charles D. Simpson, Minidoka, forest examiner to deputy forest supervisor.

CHANGE IN DESIGNATION.

DISTRICT 1.—George V. Ring, Nezperce, forest supervisor to deputy forest supervisor (at his own request); William L. Baldwin, Flathead, forest assistant to forest ranger; James W. Girard, lumberman to logging engineer; Kenneth D. Swan, forest examiner to draftsman (copyist-topographic).

DISTRICT 4.—Angus M. Woodbury, surveyor, district office, to forest ranger, Fillmore; Bryant S. Martineau, Fishlake; Lawrence J. Palmer, Cache, forest rangers to grazing assistants.

DISTRICT 5.—Ernest B. Long, Shasta, deputy forest supervisor to lumberman; Swift Berry, forest examiner to logging engineer.

DISTRICT 6.—Axel W. Erickson, Columbia; David G. Hartsuck, Olympic; Albert Baker, Wenaha, assistant forest rangers to forest rangers.

RESIGNED.

RESEARCH.—Laboratory: Howard F. Weiss, director; Thos. R. C. Wilson, engineer in forest products; Clinton K. Textor, assistant engineer in forest products; S. F. Acree, chief, section of derived products.

ACQUISITION.—A. E. Hoxie, examiner of surveys; Dean W. Martin, forest examiner.

DISTRICT 1.—John E. David, Beaverhead, deputy forest supervisor; Herbert F. Lindsay, Kaniksu, forest examiner; Harrison M. Crane, Absaroka; Sidney C. Armitage, Beartooth; Wm. E. Jackson, Deerlodge; Alfred D. Neely, Kaniksu; Ray O. Bullerdick, Madison; Frank Hartman, Nezperce, forest rangers; Duane K. Lewis, Absaroka; Royal J. Gick, Kaniksu, forest clerks; Ethel S. Cotter, clerk (stenographer and typewriter).

DISTRICT 2.—Roy S. Wheeler, Leadville; B. R. H. d'Allemand, Shoshone, forest examiners; Roscoe L. Bloss and Walter F. Gilliam, Battlement; Henry T. Miller, Gunnison; L. D. J. Chaves, Rio Grande; Ed. H. Heavey, Shoshone; George A. Hutchins, Sopris, forest rangers; Thos. P. Wilgus, San Isabel, clerk; Bertha A. Ford, telephone operator; H. L. Miller.

DISTRICT 3.—Alston D. Morse and Frederic O. Knipe, Coconino; Gerald Merrill, Crook; Germain H. Gage, Gila; Edward H. Oldham, Prescott, forest rangers; Russell F. Balthis, Coconino, deputy forest supervisor; William E. Horsefield, Datil; Clement L. Lincoln, Tonto, forest clerks; Elsie C. Myers, clerk (typewriter).

DISTRICT 4.—John A. Pearson, Salmon; George C. Thompson, Nevada; Hubert C. Williams, Idaho, forest supervisors; Asa L. Brower, Beaver Creek Nursery; Harry B. Maris, Idaho, forest examiners; Fred H. Chase, Ora Cockrell, and Ray L. Dryer, Salmon; Ruby C. Fields, Idaho; Orlow H. Griffin, Powell; Samuel E. Henrie, Fillmore; Isaac W. Oldroyd, Fishlake; De Witt Russell, Payette; Fred W. Strong, La Sal; Paul Schulze, Humboldt; William Wiley Smith, Teton; Thomas E. Woolstenhulme, Uinta, forest rangers; Frank P. Collins, Humboldt, forest clerk; Thoburn C. Lyon, topographic draftsman; Felix T. Moore, clerk; Mary A. Dreager, clerk (typewriter); John N. Allen, messenger, supply depot.

DISTRICT 5.—Ernest G. Dudley, Sierra, forest examiner; Howard R. Higgins and Earl H. Thraves, Stanislaus; Evan A. Joy, Angeles; John B. Libeu, Santa Barbara; Albert E. Redstone and William H. Riegel, Sequoia, forest rangers; George J. Austin, Feather River Experiment Station; Clarence W. Griggs, Sierra; Peter C. Nichols, Sequoia; Charles T. White, Stanislaus, clerks (stenographers and typewriters); John C. Cumberland, messenger boy.

DISTRICT 6.—Moritz L. Mueller, Snoqualmie; Andrew J. Graden, Wenaha, forest rangers; Arnold J. Schuhmacher, Snoqualmie, clerk (stenographer and typewriter); Ann E. Mahony, clerk (stenographer and typewriter); Ina F. Strock, telephone operator.

DISTRICT 7.—R. F. Hemingway, Nantahala, forest examiner.

DISMISSED.

DISTRICT 3.—Charles H. Hinderer, Prescott, forest supervisor.

With deep regret announcement is made of the death of Frederick J. Holbrook, forest ranger, Flathead, February 28.

SERVICE NOTES FOR APRIL.

These notes contain instructions and necessary information to forest officers, and will therefore be carefully read and kept on file for reference.

FORESTER.

MOUNT IRELAND—

The U. S. Geographic Board at its meeting on April 4 designated the peak in township 8 S., range 36 E., on the dividing line between Baker and Grant Counties, Oreg., as Mount Ireland, in commemoration of the late Supervisor Henry Ireland.

LAW.

OFFICE OF THE SOLICITOR.

Law Cases in District 1—

United States v. Ole T. Esp: Grazing trespass, civil, Absaroka National Forest. Case closed on payment of \$48, value of forage consumed.

United States v. Felicien Bonhomme: Grazing trespass, civil, Absaroka National Forest. Case closed on payment of \$70, value of forage consumed.

United States v. Great Northern Railway Co., Winston Bros. Co., and C. W. Werdenhoff: Fire trespass, civil, Lewis and Clark National Forest. March 7, 1917, the defendants paid the judgment, costs, and interest, amounting to \$53,793.50. Case closed.

Law Cases in District 2—

United States v. Foxpark Timber Co.: Fire trespass, Medicine Bow National Forest. This case involves damages in the sum of \$697.89. The Secretary of Agriculture, on February 8, 1917, recommended to the Attorney General that the compromise offer of \$571.30 be accepted. The Attorney General, on February 28, 1917, authorized the United States attorney for the district of Wyoming to accept the offer.

United States v. Frank C. Hunter, trustee in bankruptcy for the Elk Mountain Mercantile Co.: Petition filed January 31, 1917, to establish priority rights of the United States to funds held by trustee.

Law Cases in District 3—

United States v. Newman & Hess: Grazing trespass, Sitgreaves National Forest. Case closed on payment of \$10.93, the value of the forage.

United States v. Luis R. Trujillo: Grazing trespass, Carson National Forest. Case closed on payment of \$1.96, the value of the forage.

United States v. John H. Pearce: Grazing trespass, Sitgreaves National Forest. Case closed on payment of \$10, the value of the forage.

United States v. G. O. S. Cattle Co.: Timber trespass, Gila National Forest. Case closed on payment of \$50.80, the value of the timber.

United States v. Medler Bros.: Grazing trespass, Tonto National Forest. Final decree requiring removal of all trespassing stock and awarding the United States \$2,100 damages for past trespass.

United States v. Mrs. Mary Conrey: Grazing trespass, Prescott National Forest. Injunction granted March 5, requiring removal of stock by July 1.

United States v. Manuel Pino: Grazing trespass, Datil National Forest. Settled by payment of \$50 (\$7 actual and \$43 punitive damages).

United States v. Theo. Cannard: Occupancy trespass, Carson National Forest. Complaint filed seeking the removal of an illegal fence.

United States v. R. H. Cameron et al.: Occupancy trespass, Tusayan National Forest (Cape Horn Lode). Final decree March 23, sustaining cancellation of location by Interior Department, and enjoining further occupancy, conduct of business, or interference with forest administration, and requiring removal of buildings within 30 days. Requirement of removal of buildings to be suspended pending appeal if appeal is perfected within 30 days, and defendants permitted to occupy them pending such appeal, but for mining purposes only.

United States v. N. J. & B. A. Cameron: Occupancy trespass, criminal, Tusayan National Forest. Informations charging conduct of livery business on unpatented mining claim without permit. March 5, demurrers overruled, court holding that unpatented mining claim may be used for mining purposes only. March 22, defendants tried, convicted, and fined \$5 each, with warning that further continuance of business would result in jail sentence. Court ruled that soliciting for livery business on a mining claim was the conducting of a livery business there, although the stables, office, and other structures connected with the business were situated elsewhere.

United States v. Wm. Coleman: Grazing trespass, criminal, Prescott National Forest. March 17, defendant fined \$25 and costs, latter amounting to \$84.40. Fine and costs paid.

Law Cases in District 4—

United States v. Frank Bower: Grazing trespass, Minidoka National Forest. Case closed on payment of \$11.73, actual damages.

United States v. Frank Anderson: Grazing trespass, Fishlake National Forest. Case closed on payment of \$4.14, actual damages.

United States v. J. S. Bartholomew & Co.: Grazing trespass, Fishlake National Forest. Case closed on payment of \$4, actual damages.

United States v. Don Brunson: Grazing trespass, Fillmore National Forest. Case closed on payment of \$2.70, actual damages.

United States v. Andrew Christiansen: Grazing trespass, Fillmore National Forest. Case closed on payment of \$1, actual damages.

United States v. Denbrae Sheep Co.: Grazing trespass, Idaho National Forest. Case closed on payment of \$35 actual and \$50 punitive damages.

United States v. Gracien Eyros: Grazing trespass, Toiyabe National Forest. Hearing held before United States Commissioner at Battle Mountain, Nev., March 8. Defendant bound over for trial at May term of United States court at Carson City, Nev. Bond fixed at \$500, which was given.

United States v. V. M. Fairbanks: Grazing trespass, Fishlake National Forest. Case closed on payment of \$2.20, actual damages.

United States v. Thomas Foy: Grazing trespass, La Sal National Forest. Case closed on payment of \$3, actual damages.

United States v. Hylton & Clayton: Grazing trespass, Humboldt National Forest. Defendants offer of \$320.37, including \$70.36 actual and \$250 exemplary damages, was accepted.

United States v. Owen George: Grazing trespass, Fillmore National Forest. Case closed on payment of \$11, actual damages.

United States v. Leroy C. Jones: Grazing trespass, Sawtooth National Forest. Secretary of Agriculture has recommended the acceptance of \$90 offered in settlement. The Attorney General, by letter of March 14, 1917, authorized the United States attorney for Idaho to accept the offer and close the case.

United States v. C. A. McMaster: Grazing trespass, Minidoka National Forest. Case closed on payment of \$19.13 actual and \$25 punitive damages.

United States v. John E. Miles: Timber trespass, Cache National Forest. Case closed on payment of \$10.52, value of timber taken.

United States v. Laborde Bros.: Grazing trespass, Toiyabe National Forest. Case closed on payment of \$15.62, actual damages.

United States v. C. C. Moore and George Thiel: Grazing trespass, Payette National Forest. Case closed on payment of \$60.80, actual damages.

United States v. George W. Sherbine: Grazing trespass, Sawtooth National Forest. Case closed on payment of \$17.25, actual damages.

Law Cases in District 5—

United States v. Weed Lumber Co.: Timber trespass, Shasta National Forest. Trespassers paid \$81 in full settlement of the case.

United States v. Walker Mining Co.: Timber trespass, Plumas National Forest. Settlement in full, in the sum of \$2,009.73, received.

United States v. C. J. Quigley: Occupancy trespass, Klamath National Forest. Judgment in favor of Government for \$35 and possession of the premises, together with costs of suit.

United States v. R. R. Scarborough: Fire trespass, Angeles National Forest. Payment of last installment, \$58.25, made and case closed.

United States v. Curtz Consolidated Mining Co.: Timber trespass, Mono National Forest. Full settlement of case made by payment of \$104.60.

United States v. J. H. Porter and the Altoona Quicksilver Co.: Timber trespass, Shasta National Forest. Compromise settlement of \$5,774.93 accepted and case closed.

United States v. Oscar Hotchkiss: Grazing trespass, Modoc National Forest. Full settlement of case made by payment of \$8.50.

United States v. Coggins Bros.: Timber trespass, Shasta National Forest. Settlement of case made by payment of \$5,000.

SERVICE PUBLICATIONS ISSUED.

Department Bulletin 418.—Western Yellow Pine in Oregon.

Department Bulletin 440.—Lumbering in the Sugar and Yellow Pine Regions of California.

Department Bulletin 474.—True Mahogany.

Department Bulletin 508.—Yields from the Destructive Distillation of Certain Hardwoods (Second Progress Report).

Department Bulletin 509.—The Theory of Drying and its Application to the New Humidity Regulated and Recirculating Dry Kiln.

Department Bulletin 519.—Poles Purchased.

Unnumbered publication.—Forestry Laws of Massachusetts.

Secretary's Report 114.—Some Public and Economic Aspects of the Lumber Industry.

Yearbook Extract 688.—Farms, Forests, and Erosion.

Yearbook Extract 696.—Opening up the National Forests by Road Building.

CUMULATIVE INDEX TO SERVICE NOTES AND ORDERS.

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Establishment of Branch of Research—Service Order 47; Jan. (82).

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