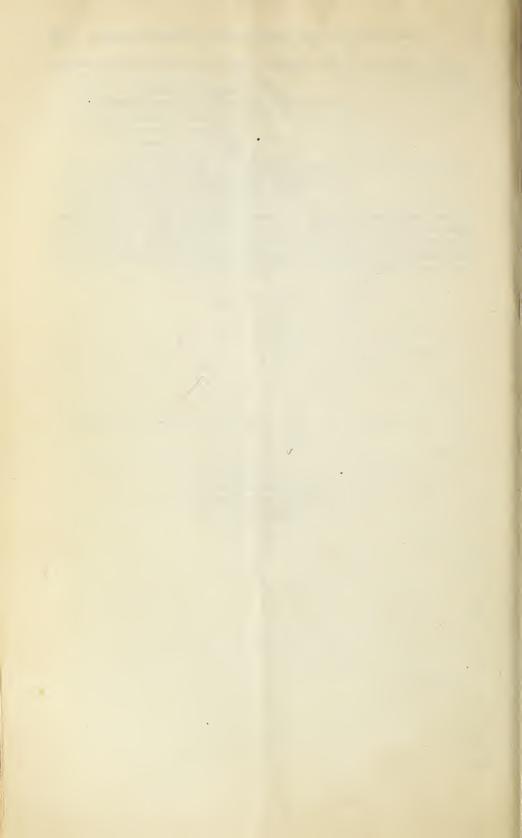
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UNITED STATES DEPARTMENT OF AGRICULTURE

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COMPILED BY COMPARISON WITH THE ORIGINALS

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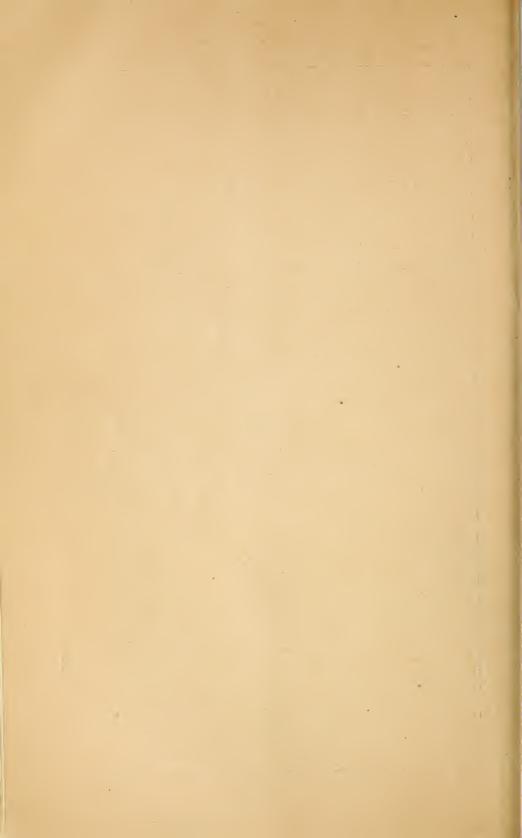
MABEL G. HUNT

Head Indexer, Office of Information United States Department of Agriculture

Supplementary to Bulletin No. 6, Division of Publications issued in 1902, but duplicating that list for Months of January-June, 1901



UNITED STATES GOVERNMENT PRINTING OFFICE WASHINGTON 1927



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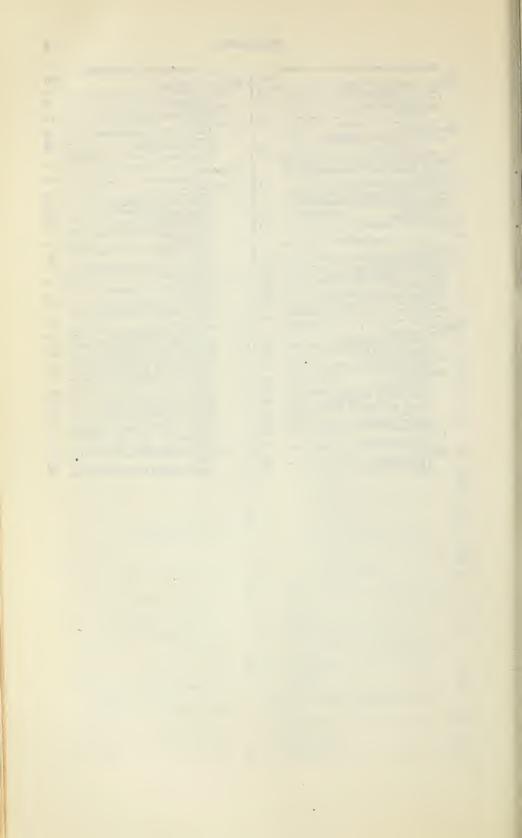
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 The fish-scrap fertilizer industry of the Atlantic coast. J. W. Turrentine. 1913.
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 997. Terracing farm lands. C. E. Ramser. 1918.
 998. Culture of the logan blackberry and related varieties. George M. Darrow. 1918.
 999. Sweet-potato growing. Fred E. Miller. 1919.
 1000. Crop systems for Arkansas. A. D. McNair. 1918.
 1001. Growing fruit for home use. H. P. Gould and George M. Darrow. 1919.
 1002. Canada thistle and methods of eradication. Albert A. Hansen. 1918.
 1003. How to control billbugs destructive to cereal and forage crops. A. F. Satterthwait. 1919.
 1004. The gas tractor in eastern forming. Arrold P. Vackes and L. M. Church. 1019.

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 1006. The wheat jointworm and its control. W. J. Phillips. 1918.
 1007. Control of the onion thrips. F. H. Chittenden. 1919.
 1008. Saving farm labor by harvesting crops with livestock. J. A. Drake. 1918.
 1009. Haystackers: How they may be used in the East and South to save labor. H. B. McClure. 1919.
 1018. Game laws for 1918. George A. Lawyer and Frank L. Earnshaw. 1918.
 1011. The woolly white fly in Florida citrus groves. W. W. Yothers. 1919.
 1012. The preparation of bees for outdoor wintering. E. F. Phillips and George S. Demuth. 1918.
 1013. Practical hints on running a gas engine. A. P. Yerkes. 1919.

- 1012. The perturbation of the perturb

- 1015. Producing family and farm supplies on the cotton farm. C. L. Goodrich. 1919.
 1016. Propagation and culture of the date palm. Bruce Drummond. 1919.
 1017. Cattle scab and methods of control and eradication. Marion Imes. 1918.
 1018. Hemorrhagic septicemia, stockyard fever, swine plague, fowl cholera, etc. Henry J. Washburn. 1918.
 1019. Straining milk. Ernest Kelly and James A. Gamble. 1919.
 1020. The sweet-potato weeril and its control. F. H. Chittenden. 1919.
 1021. Alfalfa on Corn Belt farms. J. A. Drake, J. C. Rundles, and Ralph D. Jennings.
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 1922. Laws relating to fur-bearing animals. 1918. David E. Lantz. 1918.
 1023. Machinery for cutting firewood. H. R. Tolley. 1919.
 1024. Currants and gooseberries. George M. Darrow. 1919.
 1025. The larger corn stalk-borer. George G. Ainslie. 1919.
 1026. Strawberry culture: South Atlantic and Gulf Coast regions. George M. Darrow. 1919
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- 1919. Strawberry culture: Western United States. George M. Darrow. 1919. Strawberry culture: Eastern United States. George M. Darrow. 1919. Conserving corn from weevils in the Gulf Coast States. E. A. Back. 1919. Fieggrowing in the South Atlantic and Gulf States. H. P. Gould. 1919. Operating a cooperative motor truck route. H. S. Yohe. 1919. Muscadine grape paste. Charles Dearing. 1919. Growing sugar cane for sirup. P. A. Yoder. 1919. The farm tractor in the Dakotas. Arnold P. Yerkes and L. M. Church. 191 Care and repair of farm implements: No. 5, Grain separators. Elmer Jo 1919. urch. 1919. Elmer Johnson. 1036. Care an 1919.
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 1037. "White ants" as pests in the United States and methods of preventing their damage. T. E. Snyder. 1919.
 1038. The striped cucumber beetle and its control. F. H. Chittenden. 1919.
 1039. Commercial comb-honey production. George S. Demuth. 1919.
 1040. Illustrated poultry primer. Harry M. Lamon and Jos. Wm Kinghorne. 1919.
 1041. The eelworm disease of wheat and its control. Luther P. Byars. 1919.
 1042. Saving man labor in sugar-beet fields. L. A. Moorhouse and T. H. Summers. 1919.
 1043. Strawberry varieties in the United States. George M. Darrow. 1919.
 1044. The city home garden. W. R. Beattle. 1919.
 1045. Laying out fields for tractor plowing. H. R. Tolley. 1919.
 1046. The Furopean corn borer: A menace to the country's corn crop. D. J. Caffrey. 1919.

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 1047. Dry farming for better wheat fields. The Columbia and Snake River Basins. Byron Hunter. 1919.
 1048. Rhodes grass. S. M. Tracy. 1919.
 1049. Baling hay. H. B. McClure. 1919.
 1050. Handling and loading southern new potatoes. A. M. Grimes. 1919.
 1051. Sheep on irrigated farms in the Northwest. Stephen O. Jayne. 1919.
 1052. Standard varieties of chickens. III. The Asiatic, English, and French classes. Rob R. Slocum. 1919.
 1054. The loco-weed disease. C. Dwight Marsh. 1919.
 1055. Control of cherry leaf-spot. John W. Roberts and Leslie Pierce. 1919.
 1054. The loco-weed disease. C. Dwight Marsh. 1919.
 1055. Controlling important fungous and insect enemies of the pear in the humid sections of the Pacific Northwest. D. F. Fisher and E. J. Newcomer. 1919.
 1057. Cattle-fever ticks and methods of eradication. W. P. Ellenberger and Robert M. Chapin. 1919.
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 1058. Destroy the common barberry. E. C. Stakman. 1919.
 1059. Sweet-potato diseases. L. L. Harter. 1919.
 1060. Onion diseases and their control. J. C. Walker. 1919.
 1061. Harlequin cabbage bug and its control. F. H. Chittenden. 1920.
 1062. Buckwheat. Clyde E. Leighty. 1919.
 1063. Take-all and flag smut: Two wheat diseases new to the United States. Harry B. Humphrey and Aaron G. Johnson. 1919.
 1064. Production of late or main crop potatoes. William Stuart. 1919. Rev. 1920.
 1065. The flat-headed apple-tree borer. Fred E. Brooks. 1919.
 1066. Determining the age of cattle by the teeth. George W. Pope. 1919.
 1067. Feeding hens for egg production. Harry M. Lamon and Alfred R. Lee. 1919.
 1068. Judging beef cattle. E. H. Thompson. 1919.
 1070. The fowl tick and how premises may be freed from it. F. C. Bishopp. 1919.
 1071. Making woodlands profitable in the Southern States. Wilbur R. Matteon. 1920.
 1073. Growing beef on the farm. F. W. Farley. 1919.
 1074. The bean ladybird and its control. F. H. Chittenden. 1919.
 1075. Unfermented grape julce: How to make it in the home. Charles Dearing. 1919.
 1076. California oak worm. H. E. Burke and F. B. Herbert. 1920.
 1076. Barvesting and storing ice on the farm. John T. Bowen. 1920.
 1078. Harvesting and storing ice on the farm. John T. Bowen. 1920.
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 1079. Laws relating to fur-bearing animals, 1919. George A. Lawyer, Frank L. Earnshaw, and Ned Dearborn. 1919.
 1080. Preparation of barreled apples for market. W. M. Scott, H. C. Hetzel, H. W. Samson, and M. Stockton. 1919.

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- 1087. Beautifying the farmstead. F. L. Mulford. 1920.
 1088. Selecting a farm. E. H. Thomson, 1920.
 1080. Selection and care of clothing. Laura I. Baldt. 1920.
 1090. Rabbit raising. Ned Dearborn. 1920.
 1091. Protection of potatoes from cold in transit—Lining and loading cars. 1920.
 1092. Prairie rice culture in the United States. Charles E. Chambliss. 1920.
 1093. Influence of the tractor on use of horses. L. A. Reynoldson. 1920.
 1094. The alfalfa caterpillar. V. L. Wildermuth. 1920.
 1095. Beet-top silage and other by-products of the sugar beet. James W. Jones. 1919.
 1096. Frost and the prevention of damage by it. 1920.
 1097. The stable fly: How to prevent its annoyance and its losses to livestock. F. C. Bishopp. 1920.
 1098. Dusting machinery for cotton boll weevil control. Elmer Johnson and B. R. Coad.
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 1140. Grasshopper control in the Pacific States. T. D. Urbahns. 1920.
 1141. Rice growing in California. Charles E. Chambliss. 1920.
 1142. Growing crimson clover. L. W. Kephart. 1920.
 1143. Lespedeza as a forage crop. Lyman Carrier. 1920.
 1144. Cooperative marketing. O. B. Jesness. 1920.
 1145. Handling and transportation of cantaloupes. A. W. McKay, G. L. Fischer, and A. E. Nelson. 1921.
 1146. Dourine of horses. J. R. Mohler and H. W. Schoening. 1920.
 1147. Milo, a valuable grain crop. Eenton E. Rothgeb. 1920.
 1149. Growing corn in the Southeastern States. C. H. Kyle. 1920.
 1150. Parasites and parasitic diseases of sheep. Maurice C. Hall. 1920.
 1151. Alske clover. A. J. Pieters. 1920.
 1152. Sugar-beet seed growing in the Rocky Mountain States. W. W. Tracy, jr. 1920.
 1153. Cowpeas: Utilization. W. J. Morse. 1920.
 1154. The aspen borer and how to control it. George Hofer. 1920.
 1155. Diseases of sheep. Bernard A. Gallagher. 1921.
 1156. Angoumois grain moth. E. A. Back. 1920.
 1157. Waterproofing and mildewproofing of cotton duck. H. P. Holman, B. S. Levine, and T. D. Jarrell. 1920.
 1158. Growing and mildewproofing of cotton duck. H. P. Holman, B. S. Levine, and T. D. Jarrell. 1920.
 1159. Fermented pickles. Edwin LeFevre. 1920.
 1150. Fermented pickles. Edwin LeFevre. 1920.
 1151. Materproofing and mildewproofing of cotton duck, H. P. Holman, B. S. Levine, and T. D. Jarrell. 1920.
 1159. Growing and mildewproofing of cotton duck, H. P. Holman, B. S. Levine, and T. D. Jarrell. 1920.
 1150. Fermented pickles. Edwin LeFevre. 1920.
 1151. Growing and utilizing sorphums for forage. H. N. Vinall and R. E. Getty. 1920.
 1150. Fermented pickles. Edwin LeFevre. 1920.
 1151. Medegr. Albert A. Hansen, 1921.</li
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 1161. Dodder. Albert A. Hansen. 1921.
 1162. Proso or hog millet. John H. Martin. 1920.
 1163. Dry farming in western South Dakota. O. R. Mathews. 1920.
 1164. The farm lease contract. L. C. Gray and Howard A. Turner. 1920.
 1165. Laws relating to fur-bearing animals, 1920. George A. Lawyer, Frank L. Earnshaw, and Ned Dearborn. 1920.

- 1166. Poison ivy and poison sumac and their eradication, C. V. Grant and A. A. Hansen, 1920.
- 1167. Essentials of animal breeding. George M. Rommel. 1920.
- Varieties of winter wheat adapted to the eastern United States. Clyde E. Leighty. 1168. 1921

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 1168. Varieties of whiter wheat adapted to the eastern United States. Clyde E. Leighty. 1921.
 1169. Insects injurious to deciduous shade trees and their control. Jacob Kotinsky. 1921.
 1170. Meadows for the Northern States. C. V. Piper and Lyman Carrier. 1920.
 1171. Growing annual flowering plants. L. C. Corbett and F. L. Mulford. 1921.
 1172. Farm slaughtering and use of lamb and mutton. C. G. Potts. 1920.
 1173. Plans of rural community buildings. W. C. Nason and C. J. Galpin. 1921.
 1174. One-register furnaces (pipeless furnaces). A. M. Daniels. 1920.
 1175. Better seed corn. C. P. Hartley. 1920.
 1176. Control of the root, stalk, and ear rot diseases of corn. James R. Holbert and George N. Hoffer. 1920.
 1178. Tree surgery. J. Franklin Collins. 1920.
 1179. Feeding cottonseed products to livestock. E. W. Sheets and E. H. Thompson. 1920. Rev. 1924.
 1180. Housecleaning made easier. Sarah J. McLeod. 1921.
 1181. Raising sheep on temporary pastures. F. R. Marshall and C. G. Potts. 1921.
 1182. Farm inventories. J. S. Ball. 1920.
 1183. The care of leather. F. P. Veitch, H. P. Holman, and R. W. Frey. 1920.
 1184. Ginseng culture. W. W. Stockberger. 1921.
 1185. Spraying for the alfalfa weevil. Geo. I. Reeves, T. R. Chamberlin, and K. M. Pack. 1920.
 1188. The southern plane beetle. A menace to the pine timber of the Southern States. A. D. Hopkins. 1921.
 1189. Fork on the farm. Killing, curing, and canning. F. G. Ashbrook, G. A. Anthony, and Franz P. Land. 1921.
 1180. The southern plane beetle. A menace to the pine timber of the Southern States. A. D. Hopkins. 1921.
 1199. George Hopkins. 1921.
 1190. How to grow an acre of potatoes. William Stuart. 1921.
 1191. Protection of rural community buildings. W. C. Nason. 1921.
 1192. Organization of rural Samson.

- 1204. Northwestern apple packing houses. Raymond R. Palithorp and Harold W. Samson.
 1205. Potato production in the South. William Stuart. 1921.
 1206. Corn earworm as an enemy of vetch. Philip Luginbill and A. H. Beyer. 1921.
 1207. Milk and its uses in the home. 1921.
 1208. Trees for town and city streets. F. L. Mulford. 1922.
 1209. Planting and marketing farm timber. Wilbur R. Mattoon and William B. Barrows. 1921.
 1210. Measuring and marketing farm timber. Wilbur R. Mattoon and William B. Barrows. 1921.
 1211. Home canning of fruits and vegetables. 1921.
 1212. Straighthead of fice and its control. W. H. Tisdale and J. Mitchell Jenkins. 1921.
 1213. Flag smut of wheat and its control. W. H. Tisdale and Marion A. Griffiths. 1921.
 1214. Farm dairy houses. Ernest Kelly and K. E. Parks. 1921.
 1215. Beekeeping in the buckwheat region. E. F. Phillips and George S. Demuth. 1922.
 1216. Reekeeping in the cover region. E. F. Phillips and George S. Demuth. 1922.
 1217. The green-bug or spring grain-aphis: How to prevent its periodical outbreaks. W. R. Walton. 1921.
 1220. Insect and fungous enemies of the grape. A. L. Quafitance and C. L. Shear. 1921.
 1221. Standard varieties of chickens. IV. The ornamental breeds and varieties. Rob R. Slocum. 1921.
 1222. Beekeeping in the ulip-tree region. E. F. Phillips and George S. Demuth. 1922.
 1224. Wheat scab and its control. J. R. Horton and A. F. Satterthwait. 1922.
 1225. The potato leafnopper and its control. J. E. Dudley, jr. 1921.
 1225. The potato leafnopper and its control. J. E. Dudley, jr. 1921.
 1226. Take-all of wheat and its control. J. E. Dudley, jr. 1921.
 1225. The potato leafnopper and its control. J. E. Dudley, jr. 1921.
 1226. Take-all of wheat and its control. J. E. Dudley, jr. 1921.
 1226. The wheat scale of the farmer. George M. Warren. 1922.
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- 1239. Community bird refuges. W. L. McAtee. 1921.
 1240. How to grow rice in the Sacramento Valley. Jenkin W. Jones. 1924.
 1241. An improved method of making sugar-beet sirup. C. O. Townsend and Sidney F. Sherwood. 1921.

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 1242. Permanent fruit and vegetable gardens. W. R. Beattie and C. P. Close. 1921.
 1243. The border method of irrigation. Samuel Fortier. 1922.
 1244. Diseases, ailments, and abnormal conditions of swine. T. P. White. 1923.
 1245. Farmers' telephone companies, organization, financing, and management. I. M. Spasoff and H. S. Beardsley. 1922.
 1246. The peach borer: How to prevent or lessen its ravages; the paradichlorobenzene treatment. A. L. Quaintance. 1921.
 1247. American moles as agricultural pests and as fur producers. Theo. H. Scheffer. 1929.
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 1248. The sugar-beet nematode in the Western States. Gerald Thorne and I. A. Gid-dings. 1922.
 1249. Olive growing in the southwestern United States. C. F. Kinman. 1922.
 1250. Green manuring. C. V. Piper and A. J. Pieters. 1922.
 1251. Standard varieties of chickens. V. The bantam breeds and varieties. Rob R. Slocum. 1921.
 1259. Surfling invision to man follow. William Middleter. 1920.

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- 1258. Webworms injurious to cereal and forage crops and their control. Ainslie, 1922.
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 1259. A sawfly injurious to young pines. William Middleton. 1922.
 1260. Stored-grain pests. E. A. Back and R. T. Cotton. 1922.
 1261. The avocado : Its insect enemies and how to combat them. G. F. Moznette. 1922.
 1263. Breeds of swine. E. Z. Russell. 1922.
 1264. Farm manufacture of unformented apple juice. Joseph S. Caldwell. 1922.
 1265. Business methods of marketing hay. G. A. Collier. 1922.
 1266. Preparation of flue-heated tobacco barns for sweet-potato storage. Fred E. Miller. 1922.
 1269. Shoen-killing dags. W. W. Coll. 1922.

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 1268. Sheep-killing dogs. M. W. Coll. 1922.
 1269. Celery growing. W. R. Beattie. 1922.
 1270. The more important apple insects. A. L. Quaintance and E. H. Siegler. 1922.
 1271. Farm lands available for settlement. B. Henderson. 1922.
 1272. Renting dairy farms. Howard A. Turner. 1922.
 1273. The stock-poisoning death camas. C. Dwight Marsh and A. B. Clawson. 1922.
 1274. Uses of rural community buildings. W. C. Nason. 1922.
 1275. Weevils in beans and peas. E. A. Back. 1922.
 1276. The velvet bean. C. V. Piper. 1922.
 1277. Diseases of watermelons. W. A. Orton and F. C. Meier. 1922.
 1278. Tractors on southern farms. H. R. Tolley and L. M. Church. 1922.
 1279. Plain concrete for farm use. T. A. H. Miller. 1922.
 1280. The hard red winter wheats. J. Allen Clark and John H. Martin. 1922.
 1281. The hard red spring wheats. J. Allen Clark and John H. Martin. 1922.
 1282. Nicotine dast for control of truck-crop insects. Roy E. Campbell. 1922.
 1283. How to grow alfalfa. R. A. Oakley and H. L. Westover. 1922.
 1284. Apple-orchard renovation. H. P. Gould. 1922.
 1285. Lime-sulphur concentrate. preparation, uses, and designs for plants. E. H. Siegler and A. M. Daniels. 1922.
 1286. The red-necked rasptery cane-borer. F. H. Chittenden. 1922.
 1287. Foreign material in spring wheat. R. H. Black and C. R. Haller. 1922.
 1280. The bulk handling of grain. E. N. Bates and A. L. Earnshaw. 1922.
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 1291. Preparation of fues the mances for market. F. Earl Parsons. 1922.
 1292. Organization and management of cooperative livestock shipping associations. 1923.
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 1296. Changes effected by tractors on Corn Belt farms. L. A. Reynoldson and H. R. Tolley. 1922.
- 1297. Cost of using tractors on Corn Belt farms. L. A. Reynoldson and H. R. Tolley. 1922
- 1298. Cost of using horses on Corn Belt farms. M. R. Cooper and J. O. Williams. 1922.
 1299. Shall I buy a tractor (for a Corn Belt farm). L. A. Reynoldson and H. R. Tolley. 1922.
- 1300. Choosing a tractor (for a Corn Belt farm). L. A. Reynoldson and H. R. Tolley. 1922
- 1301. The common white wheats. J. Allen Clark, John H. Martin, and C. E. Leighty. 1922.

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 1302. How to get rid of rats. James Silver, 1923.
 1303. The club wheats. J. Allen Clark and John H. Martin. 1923.
 1304. The durum wheats. J. Allen Clark and John H. Martin. 1923.
 1305. The soft, red winter wheats. Clyde E. Leighty and John H. Martin.
 1306. The insect enemies of chrysanthemums. Charles A. Weigel. 1923.
 1307. Quack grass. L. W. Kephart. 1923.
 1308. Marketing the cowpea seed crop. J. E. Barr. 1923.

1309. Control of the common mealybug on citrus in California. Arthur D. Borden. 1923.
1310. The corn earworm : Its ravages on field corn, and suggestions for control. W. J. Phillips and Kenneth M. King. 1923.
1311. Chrysanthemums for the home. B. Morrison. 1923.
1312. Tree planting in the Great Plains region. F. R. Johnson and F. E. Cobb. 1923.
1313. Good proportions in the diet. Caroline L. Hunt. 1923.
1314. Motor trucks on Corn Belt farms. H. R. Tolley and L. M. Church. 1923.
1315. Cleaning milking machines. L. H. Burgwald. 1923.
1316. Marketing the early potato crop. George B. Fiske and Paul Froelich. 1923.
1317. Marketing machines. L. H. Burgwald. 1923.
1318. Greenhouse construction and heating. James H. Beattie. 1923.
1319. Cotton-dusting machinery. Elmer Johnson, S. T. Howard, and B. R. Coad. 1923.
1320. The production of cucumbers in greenhouses. J. H. Beattie. 1923.
1321. Fumigation of citrus trees for control of insect pests. R. S. Woglum. 1923.
1322. The striped cucumber beetle and how to control it. F. H. Chittenden. 1923.
1324. Lamb and mutton and their use in the diet. 1923.
1325. Rural planning—the social aspects. W. C. Nason. 1923.
1326. Control of the coding moth in the Pacific Northwest. E. J. Newcomer, M. A. Yothers, and W. D. Whitcomb. 1924.
1331. Back-yard poultry keeping. Rok R. Slocum. 1923.
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1334. Fouring of length and small fur skins. R. W. Frey, I. D. Clarke, and F. P. Veitch. 1923.
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1334. Gaed-save of poultry. Bernard A. Gallagher. 1923.
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1345. Root-knot: Its cause and control. G. H. Godfrey. 1923.
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1348. The corrugation method of irrigation. James C. Marr. 1923.
1349. Increasing the potato crop by spraying. F. H. Chittenden and W. A. Orton. 1923.
1350. Beef-cattle barns. E. W. Sheets and M. A. R. Kelley. 1923.
1351. Cabbage diseases. L. L. Harter and L. R. Jones. 1923.
1352. The tobacco flea-beetle in the southern cigar-wrapper district. F. S. Chamberlin and J. N. Tenhet. 1923.
1353. Clothes moths and their control. E. A. Back. 1923.
1354. The yellow-fever mosquito. L. O. Howard. 1923.
1355. Blackleg: Its nature, cause, and prevention. John R. Mohler. 1923.
1356. Tobacco hornworm insecticide: Recommendations for use of powdered arsenate of lead in dark-tobacco district. A. C. Morgan. 1923.
1358. Growing rye in the western half of the United States. John H. Martin and Ralph W. Smith. 1923.
1359. Milk and its uses in the home. 1923. Revised. 1924.
1360. Apple growing east of the Mississippi River. H. P. Gould. 1924.
1361. Brahman (Zebu) cattle. Virgil V. Parr. 1923.
1362. Insects injurious to ornamental greenhouse plants. C. A. Weigel and E. R. Sasseer. 1923.
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1908.	A.	Zappone.	1921. A. Zappone.
1909.	A.	Zappone.	1922. A. Zappone.
1910.	A.	Zappone.	1923. A. Zappone.
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1904. J. B. Bennett.	1910. J. B. Bennett.
1905. Not published.	1911. R. W. Roberts.
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OFFICE OF EXHIBITS 3

ANNUAL REPORTS

1922. Joseph W. Hiscox.

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¹ Name changed to "Grain Futures Administration July 1, 1923."
² Previous to July 1, 1923, the name of this office was "Division of Publications."
³ Became part of Extension Service July 1, 1923.

OFFICE OF EXPERIMENT STATIONS 4

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OFFICE OF MOTION PICTURES 3

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1904. B. T. Galloway. 1905. B. T. Galloway. 1906. B. T. Galloway.

1907. B. T. Galloway. 1908. B. T. Galloway.

⁸ Became part of Extension Service July 1, 1923.
 ⁴ Independent office previous to July 1, 1915; from then to July 1, 1923, under States

⁵ For earlier reports see States Relations Service, Report on the receipts, expenditures and results in extension work in agriculture and home economics in the United States. ⁶ Previous to July 1, 1923, the name of this office was "Administration of Grain Futures Act."

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1919.	Edwy B. Reid.
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Crop export movement. 1905.
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Cowpea seed. 1907.
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¹⁷ From July 1, 1915, to July 1, 1923, this office was under the States Relations Service; from July 1, 1923, to date, under the office of the Secretary.

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- Jay A. Bonsteel. 1911. 46. Soils of the eastern United States and their use—XXIII. The Orangeburg fine sandy
- loam. Jay A. Bonsteel. 1911. 47. Soils of the eastern United States and their use—XXIV. The Orangeburg sandy loam.
- Jay A. Bonsteel. 1911.
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 Soils of the eastern United States and their use—XXVI. The Houston clay. Jay A. Bonsteel. 1911.

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 Soils of the eastern United States and their use—XXVI. The Houston clay. Jay A.
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ALABAMA

| 1908. Autauga County. 1910. | 1903. Cherokee County. (See Fort Payne |
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| 1909. Baldwin County. 1911.
1914. Barbour County. 1916. | area.)
1911. Chilton County. 1913. |
| 1908. Bibb County. 1910. | 1921. Choctaw County, 1925. |
| 1905. Blount County. 1906. | 1912. Clarke County. 1913. |
| 1913. Bullock County. 1915. | 1915. Clay County. 1916. |
| 1907. Butler County, 1909,
1908. Calhoun County, 1910, | 1913. Cleburne County. 1915.
1909. Coffee County. 1911. |
| 1909. Chambers County. 1911. | 1908. Colbert County. 1909. |
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²² The date preceding the title refers to the year in which the survey was made.

ALABAMA-continued

| 1912. | Conecuh County. 1914. | 1916. Lowndes County. 1918. |
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| | Covington County. 1914. | 1904. Macon County. 1905. |
| | Crenshaw County. 1924. | 1911. Madison County (see also Huntsville |
| | Cullman County, 1910. | Area). 1913. |
| | Dale County, 1911. | 1920. Margeno County. 1923. |
| 1905. | Dallas County. 1905. | 1907. Marion County. 1908. |
| 1903. | Dekalb County. (See Fort Payne | 1911, Marshall County. 1913. |
| | Area.) | 1903. Mobile area (part of Mobile County). |
| 1911. | Elmore County. 1913. | 1904. |
| | Escambai County. 1915. | 1911. Mobile County. 1912. |
| | Etowah County. 1910. | 1916. Monroe County. 1918. |
| | Fayette County. 1920. | 1905. Montgomery County. 1906. |
| | Fort Payne Area (parts of Dekalb | 1918. Morgan County. 1921. |
| | and Cherokee Counties). 1904. | 1902. Perry County. 1903. |
| | Geneva County. 1924. | 1916. Pickens County. 1917. |
| | Hale County. 1910. | 1910, Pike County. 1911. |
| | Henry County. 1909. | 1911. Randolph County. 1912. |
| | Houston County. 1923. | 1913. Russell County. 1915. |
| 1903. | Huntsville Area (parts of Limestone | 1917. Shelby County. 1920. |
| 1011 | and Madison Counties). 1904. | 1917. St. Clair County. 1920. |
| | Jackson County. 1912. | 1904. Sumter County. 1905. |
| | Jefferson County, 1910. | 1907. Talladega County. 1908. |
| | | 1909. Tallapoosa County. 1910. |
| | Lauderdale County. 1905. | 1911. Tuscaloosa County. 1912. |
| | Lawrence County. 1916. | 1915. Walker County. 1916. |
| 1014 | Lee County. 1907. | 1915. Washington County. 1917. |
| | | |

ville Area). 1916.

ARIZONA

- 1921. Benson area (part of Cochise County). 1924.
 1921. Cochise County (see Benson and San Simon area).
 1921. Coconimo County (see Winslow area).
 1903. Graham County (see Solomonsville area).
 1917. Maricopa County (see Middle Gila Valley and Salt River Valley areas).
 1917. Middle Gila Valley area (parts of Maricopa and Pinal Counties). 1920.
 1921. Navajo County (see Winslow area).
 1917. Pinal County (see Winslow area).
 1917. Pinal County (see Winslow area).
 1917. Pinal County (see Winslow area).
 1917. Anario (part of Maricopa County). 1902.
 1921. San Simon area (part of Cochise County). 1904.
 1921. Winslow area (parts of Coconimo and Navajo Counties). 1924.
 1902. Yuma area (parts of Yuma County). 1903.
 1904. Yuma area (parts of Yuma County). 1903.
 1905. Yuma County (see Yuma area).

ARKANSAS

| 1 902. | Arkansas County (see Stuttgart area). | 1917. Howard County. 1919.
1915. Jefferson County. 1916. |
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| 1913. | Ashley County. 1914. | 1921. Lonoke County. 1925. |
| 1906. | Benton County (see Fayetteville | 1903. Miller County. 1904. |
| 1914 | area).
Columbia County. 1916. | 1914. Mississippi County. 1916.
1920. Perry County. 1923. |
| 1907. | Conway County. 1908. | 1913. Pope County. 1915. |
| | Craighead County. 1917. | 1906. Prairie County. 1907. |
| | Drew County. 1919.
Faulkner County. 1919. | 1902. Stuttgart area (part of Arkansas
County), 1903. |
| | Fayetteville area (parts of Benton | 1906. Washington County (see Fayette- |
| 1016 | and Washington Counties). 1907.
Hempstead County. 1917. | ville area).
1915. Yell County. 1917. |
| 1010. | Hempstead Councy: 10211 | iolo, ich county, iol., |

Reconnaissance

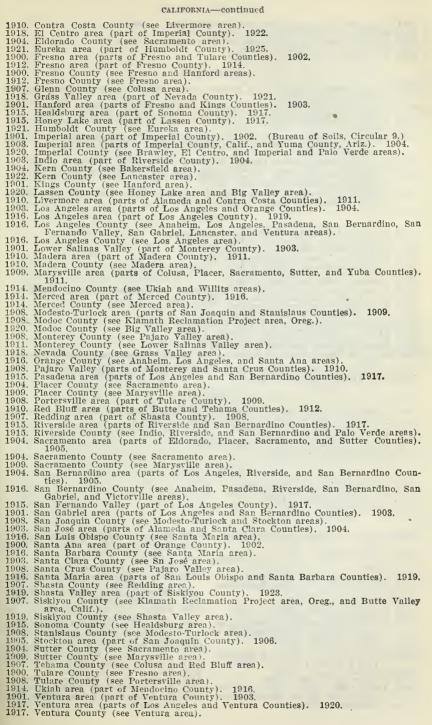
1911. Ozark region, Arkansas and Missouri (Baxter, Benton, Boone, Carroll, Cleburne, Conway, Crawford, Faulkner, Fulton, Izard, Johnson, Madison, Marion, Newton, Pope, Searcy, Sharp, Stone, Van Buren, and Washington Counties, and part of Franklin, Independent, Lawrence, Lonoke, Pulaski, Randolph, and White Coun-ties, Ark; and Barry, Benton, Camden, Carter, Christian, Cole, Crawford, Dade, Dallas, Dent, Douglas, Franklin, Gasconade, Greene, Hickory, Howell, Iron, Jeffer-son, Laclede, Lawrence, McDonald, Madison, Maries, Miller, Moniteau, Morgan, Newton, Oregon, Osage, Ozark, Ferry, Phelps, Polk, Pulaski, Reynolds, Ste. Genevieve, St. Francois, Shannon, Stone, Taney, Texas, Washington, Wayne, Webster, and Wright Counties, and parts of Barton, Bollinger, Butler, Cape Girardeau, Cedar, Cooper, Jasper, Pettis, Ripley, St. Clair, and St. Louis Coun-ties, Mo.). 1914.

CALIFORNIA

- 1910. Alameda County (see Livermore and San José areas).
 1916. Anaheim area (parts of Los Angeles, Orange, and San Bernardino Counties).
 1904. Bakersfield area (part of Kern County).
 1902. Big Valley area (parts of Modoc and Lassen Counties).
 1920. Brawley area (part of Imperial County).
 1920. Butte County (see Colusa and Red Bluff areas).
 1907. Butte County (see Colusa and Red Bluff areas).
 1907. Butte County (see Yoodland, Marysville, and Colusa areas).
 1909. Colusa County (see Woodland, Marysville, and Colusa areas).

SOIL SURVEYS

CALIFORNIA-continued



CALIFORNIA-continued

1921. Victorville area (part of San Bernardino County) 1924. 1918. Willits area (part of Mendocino County) 1920. 1909. Woodland area (parts of Colusa and Yolo Counties). 1911. 1909. Yolo County (see Woodland area). 1909. Yuba County (see Marysville area).

Reconnaissance

- 1917. Central-Southern (parts of Los Angeles, Orange, Riverside, San Bernardino and San Diego Counties). 1921.
 1915. Lower San Joaquin Valley area (parts of Alameda, Calaveras, Contra Costa, Fresno, Madera, Merced, San Joaquin, Stanislaus, and Tuolumne Counties). 1918.
 1916. Middle San Joaquin Valley area (parts of Fresno, Kings, and Tulare Counties).
- 1919.
- 1913. Sacramento Valley area (parts of Amador, Butte, Colusa, Contra Costa, Glenn, Placer, Sacramento, San Joaquin, Solano, Sutter, Tehama, Yolo, and Yuba Counties). 1915.

- Counties). 1915.
 Counties). 1915.
 San Diego area (parts of Orange, Riverside, and San Diego Counties). 1918.
 1914. San Francisco Bay area (San Francisco and San Mateo Counties, and parts of Alameda, Contra Costa, Marin, Napa, San Joaquin, Santa Clara, Santa Cruz, Solano, and Sonoma Counties). 1917.
 1917. Upper San Joaquin Valley area (parts of Fresno, Kern, Kings, San Luis Obispo, Santa Barbara, and Tulare Counties). 1921.

COLORADO

1902. Bent County (see Lower Arkansas Valley area).
1903. Conejos County (see San Luis Valley).
1903. Costilla County (see San Luis Valley).
1910. Delta County (see Uncompahyre Valley).
1905. Grand Junction area (part of Mesa County). 1906.
1904. Greeley area (part of Weld and Larimer Counties). 1905.
1904. Larimer County (see Greeley area).
1905. Mesa County (see Grand Junction area).
1905. Mesa County (see Grand Junction area).
1905. Mesa County (see Uncompahyre Valley).
1910. Ouray County (see Uncompahyre Valley).
1902. Otera County (see Lower Arkansas Valley).
1902. Prowers County (see Lower Arkansas Valley).
1903. Rio Grande County (see San Luis Valley).
1903. Saguache County (see San Luis Valley).
1903. San Luis Valley (parts of Saguache, Rio Grande, Conejos, and Costilla Counties).
1904. 1904.

1910. Uncompandere Valley area (parts of Delta, Montrose, and Ouray Counties). 1912. 1904. Weld County (see Greeley area).

CONNECTICUT

- 1903. Connecticut Valley (parts of Hartford and Tolland Counties, Conn., and Franklin, Hampshire, and Hampden Counties, Mass.). 1903.
 1903. Hartford County (see Connecticut Valley).
 1912. New London County. 1913.
 1903. Tolland County (see Connecticut Valley).
 1911. Windham County. 1912.

DELAWARE

- 1903. Dover area (part of Kent County). 1904. 1918. Kent County (also see Dover area). 1920. 1915. New Castle County. 1917. 1919. Sussex County. 1924.

FLORIDA

- 1904. Alachua County (see Gainesville area).
- 1913. Bradford County. 1914. 1913. Brevard County (see Indian River
- area). 1912. Citrus County (see Ocala area). 1915. Dade County (see Fort Lauderdale

- 1915. Dade County (see Fort Lauderdale area).
 1921. Duval County. 1923.
 1906. Escambia County. 1907.
 1918. Flagler County. 1922.
 1915. Fort Lauderdale area (parts of Dade and Palm Beach Counties). 1915.
 1915. Franklin County. 1916.
 1903. Gadsden County. 1903.
 1904. Gainesville area (parts of Alachua, Levy & Marion Counties). 1905.
 1914. Hernando County. 1915.
 1915. Hilbsbrough County. 1918.
 1913. Indian River area (parts of Bre-vard, Palm Beach, and St. Lucie Counties). 1915. Counties). 1915.

- 1909. Jackson County (see Mariana area).
 1910. Jacksonville area (part of Duval County).
 1907. Jefferson County.
 1905. Leon County.
 1908.
 1912. Levy County (see Ocala and Gaines-ville areas).
 1909. Mariana area (nart of Jackson
- 1909. Mariana area (part of Jackson County). 1910. 1912. Marion County (see Ocala and and
- Gainesville areas). 1912. Ocala area (parts of Citrus, Levy, Marion & Sumter Counties). 1913. 1919. Orange County. 1922.
- 1919. Orange County. 1922.
 1915. Pialm Beach County (see Fort Lauder-dale area and Indian River area).
 1913. Pinellas County. 1914.
 1914. Futnam County. 1916.
 1912. Sumiter County (see Ocala area).
 1917. St. John's County. 1920.
 1913. St. Lucle County (see Indian River area).

 - - area).

GEOBGIA

- 1904. Bainbridge area (part of Decatur County). 1905.
 1912. Ben Hill County. 1913.

- 1904. Bainbridge area (part of Decatur County). 1905.
 1912. Ben Hill County. 1913.
 1916. Brooks County. 1918.
 1910. Bulloch County. 1911.
 1917. Burke County. 1919.
 1921. Carroll County. 1924.
 1911. Chatham County. 1913.
 1914. Clay County. 1913.
 1914. Clay County. 1915.
 1914. Columbia County. 1915.
 1914. Columbia County. 1915.
 1910. Covington area (parts of Jasper, Newton, Walton, Morgan, and Rockdale County. 1903.
 1919. Coveta and Fayette Counties. 1902.
 1916. Crisp County. 1917.
 1904. Decatur County (see Bainbridge Area.

- 1916. Crisp County. 1917.
 1904. Decatur County (see Bainbridge area).
 1914. Dekalb County. 1915.
 1904. Dodge County. 1905.
 1912. Dougherty County. 1913.
 1918. Early County. 1921.
 1919. Fayette Counties).
 1917. Floyd County. 1921.
 1908. Fort Valley area (parts of Macon and Houston Counties).
 1909. Franklin County. 1910.
 1911. Glynn County. 1912.
 1918. Gordon County. 1914.
 1908. Grady County. 1914.
 1908. Grady County. 1914.
 1918. Greene County (see Oconee, Morgan, Greene, and Putnam Counties).
 1913. Habersham County. 1910.
 1914. Henry County (see Butts-Henry Counties).
 1915. Henry County (see Butts-Henry Counties).

- ties).
- 1903. Houston County (see Fort Valley
- area). 1914. Jackson County. 1915. 1916. Jasper County (see also Covington area). 1918.
- 1913. Jeff Davis County. 191 1913. Jones County. 1914. 1915. Laurens County. 1916. 1914.

- 1901. Ada County (see Boise area). 1918. Bannock County (see Portneuf area). 1903. Bingham County (see Blackfoot
- area).
- area).
 area).
 and Fremont Counties).
 1904.
 1901. Boise area (parts of Ada and Canyon Counties.
 1903. Canyon County (see Boise area).
 1903. Fremont County (see Blackfoot Current).
- area).
- 1919. Kootenai County. 1923. 1915. Latah County (see also Lewiston area). 1917.

ILLINOIS

- 1904. Calhoun County (see O'Fallon area).
 1902. Clay County. 1903.
 1902. Clinton County. 1903.
 1904. Jersey County (see O'Fallon area).
 1902. Jo Daviess County (see Dubuque area, Iowa).
 1903. Johnson County. 1904.
 1903. McLean County. 1904.
 1904. O'Fallon area (parts of Lincoln, St. Counties, Mo.; and Calhoun and Jersey Counties, III.). 1905.
 1904. O'Fallon area (parts of Lincoln, St. Counties, Mo.; and Calhoun and Jersey Counties, III.). 1905.
 1903. Johnson County. 1904.
 1903. McLean County. 1904.
 1904.

- 1906. Tishomingo area. 1907.

INDIAN TERRITORY INDIANA

- 1921. Adams County. 1923. 1908. Allen County. 1909. 1916. Benton County. 1917.

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- 1917. Lowndes County. 1920.
 1903. Macon County (see Fort Valley area).
 1918. Madison County. 1921.
 1916. Meriwether County. 1917.
 1913. Miller County. 1914.
 1919. Mitchell County. 1922.
 1920. Monroe County. (see Oconee, Morgan, Greene, and Putnam Counties and Covington area).
 1919. Norgan County (see Oconee, Morgan, Greene, and Putnam Counties and Covington area).
 1919. Noconee, Morgan, Greene, and Putnam Counties and County. 1920.
 1919. Oconee, Morgan, Greene, and Putnam Counties.
 1920. Pike County. 1920.
 1909. Pike County. 1916.
 1918. Puinam County (see Oconee, Morgan, Greene, and Putnam Counties).
 1920. Rabun County. 1924.
 1920. Rockdale County. 1923.
 1901. Rockdale County. 1924.
 1920. Screven County (see Covington area).
 1920.

area).

- 1901. Rockdale County, 1925.
 1901. Rockdale County, 1924.
 1905. Spalding County, 1905.
 1918. Stewart County, 1915.
 1918. Stewart County, 1914.
 1914. Tattnall County, 1915.
 1914. Tattnall County, 1915.
 1908. Thomas County, 1915.
 1909. Tift County, 1913.
 1915. Turner County, 1913.
 1915. Turner County, 1913.
 1916. Walker County, 1911.
 1900. Walker County, 1913.
 1915. Turner County, 1913.
 1916. Walker County, 1916.
 1910. Walker County, 1911.
 1906. Ware County (see Covington area).
 1906. Ware County (see Waycross area).
 1906. Waycross area (part of Ware and small part of Pierce Counties).
 1905. 1907. 1915. Wilkes County. 1916.

Reconnaissance

1912. Tattnall County (no map). 1913.

- IDAHO
 - 1917. Lewis County (see Nez Perce and Lewis Counties).
 1902. Lewiston area (parts of Nez Perce and Latah Counties. 1903.
 1907. Lincoln County (see Minidoka area).
 1907. Minidoka area (parts of Lincoln and Cassia Counties).
 1908.
 1917. Nez Perce County (see Nez Perce and Lewis Counties and Lewiston area).

1917. Nez Perce and Lewis Counties. 1920.
1918. Portneuf area (part of Bannock County). 1921.
1921. Twin Falls area (part of Twin Falls County). 1925.

1912. Boone County. 1914. 1904. Boonville area (parts of Warrick and Spencer Counties). 1905.

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INDIANA-continued

| | Clinton County. 1915.
Decatur County. 1922.
Delaware County. 1915.
Elkhart County. 1916.
Grant County. 1917.
Greene County. 1907.
Hamilton County. 1914.
Hendricks County. 1915.
Lake County. 1921.
Madison County. 1904.
Marion County. 1908.
Marshall County. 1905.
Montgomery County. 1914. | 1905. Newton County. 1906.
1916. Porter County. 1918.
1902. Posey County. 1903.
1904. Scott County. 1905.
1904. Spencer County (see Boonville area).
1915. Starke County. 1917.
1905. Tippecanoe County. 1906.
1912. Tipton County. 1914.
1914. Warren County. 1916.
1904. Warren County (see Boonville area).
1915. Wells County. 1917.
1915. White County. 1917. |
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19 | Iow
Adair County. 1921.
Benton County. 1925.
Blackhawk County. 1919.
Boone County. 1928.
Bremer County. 1914.
Buena Vista County. 1919.
Cedra County. 1921.
Cerro Gordo County. 1904.
Clary County. 1917.
Dallas County. 1925.
Des Moines County. 1925.
Dickinson County. 1925.
Dickinson County. 1925.
Dickinson County. 1923.
Bubuque area (parts of Dubuque,
Jackson, and Jones Counties, Iowa,
and Jo Daviess County. III.). 1903.
Dubuque County. 1923.
Fayette County. 1923.
Henry County. 1925.
Jackson County (see Dubuque area).
Jaskson County (see Dubuque area).
Jaskson County (see Dubuque area).
Jaskson County. 1925.
Jackson County. 1925. | 1902. Jones County (see Dubuque area). 1914. Lee County. 1916. 1917. Linn County. 1920. 1918. Louisa County. 1921. 1919. Mahaska County. 1921. 1919. Mahaska County. 1922. 1919. Marshall County. 1921. 1920. Mills County. 1923. 1916. Mitchell County. 1918. 1917. Montgomery County. 1919. 1914. Muscatine County. 1924. 1921. O'Brien County. 1924. 1918. Palo Alto County. 1921. 1918. Polt Kcounty. 1924. 1914. Pottawaitamie County. 1916. 1915. Scott County. 1917. 1915. Stour County. 1917. 1903. Story County. 1917. 1915. Van Buren County. 1917. 1914. Yapello County. 1920. 1914. Webster County. 1920. 1914. Webster County. 1920. 1914. Winnebago County. 1921. 1919. Woodbury County. 1923. 1922. Worth County. 1925. 1919. Wright County. 1925. |
| 1919. | Johnson County. 1922.
KAN | SAS |
| | | |
| 1904.
1911. | Allen County. 1905.
Atchison County (see Platte County,
Mo.). | 1906. Riley County. 1908.
1903. Russell area (part of Russell Coun-
ty). 1904. |
| 1905.
1902.
1912.
1915. | Atchison County (see Platte County,
Mo.).
Brown County, 1906.
Butler County (also see Parsons
area). 1914.
Cowley County, 1917.
Crawford County (see Parsons area).
Finney County (see Garden City
area). | 1906. Riley County. 1908. 1903. Russell area (part of Russell County). 1904. 1903. Russell County (see Russell area). 1902. Sedgwick County (see Wichita area). 1911. Shawnee County. 1913. 1902. Wichita area (parts of Sedgwick and Butler Countles). 1903. |
| 1903.
1904. | Finney County (see Farsons area).
Finney County (see Garden City area). | Reconnaissance |
| 1904.
1904.
1912.
1912.
1903.
1919.
1913.
1903.
1911. | Garden City area (parts of Finney
and Gray Counties). 1905. Gray County (see Garden City area). Greenwood County. 1914. Jewell County. 1914. Labette County (see Parsons area). Leavenworth County (see also Platte
County, Mo.). 1923. Montgomery County. 1915. Parsons area (parts of Labette,
Cherokee, and Crawford Counties). 1904. Reno County. 1913. | 1910. Western Kansas (Barber, Barton,
Cheyenne, Clark, Comanche, Deca-
tur, Edwards, Ellis, Finney, Ford,
Gove. Graham, Grant, Gray, Gree-
ley, Hamilton, Haskell, Hodgeman,
Kearney, Kiowa, Lane, Logan,
Meade, Morton, Ness, Norton. Os-
borne, Pawnee, Phillipps, Pratt,
Rawlins, Rooks. Rush, Russell,
Scott, Seward, Sheridan, Sherman,
Smith, Stafford, Stanton, Stevens,
Thomas, Trego, Wallace, and
Wichita Counties). 1912. |
| | KENTU | JCKY |
| $\begin{array}{c} 1912.\\ 1921.\\ 1915.\\ 1919.\\ 1905.\\ 1905.\\ 1905.\\ \end{array}$ | Christian County. 1914.
Garrard County. 1924.
Jessamine County. 1916.
Logan County. 1922.
McCracken County. 1906.
Madison County. 1906. | 1919. Muhlenberg County. 1924.
1910. Rockcastle County. 1911.
1903. Scott County. 1904.
1916. Shelby County. 1919.
1902. Union County. 1903.
1904. Warren County. 1905. |

- 1905. Madison County. 1906. 1903. Mason County. 1904.
- 1903, Acadia Parish. 1904, 1908, Bienville Parish. 1909, 1906, Caddo Parish. 1907,
- 1901. Calcasieu Parish (see Lake Charles area). area). 1910. Concordia Parish. 1911.

| 1904. | De Soto Parish. 1905. | 1903. | Orleans Parish (see New Orleans |
|--------------------------------|---|--------------------------|--|
| 1905. | De Soto Parish. 1905.
East Baton Rouge Parish. 1905.
East Carroll and West Carroll Par- | 1903. | area).
Ouachita Parish. 1904.
Plaquemines Parish (see New Orleans |
| 1912 | ishes. 1909.
East Feliciana Parish. 1913. | 1905. | area). |
| 1911. | Iberia Parish. 1912.
Jefferson Parish (see New Orleans | $1916. \\ 1919. \\ 1902$ | Rapides Parish. 1918.
Sabine Parish. 1922. |
| 1915.
1901 | area).
LaFayette Parish. 1916.
Lake Charles Area (part of Calcasieu | 1903 | St. Charles Parish (see New Orleans
area).
St. John the Baptist Parish (see New |
| | | 1015 | Orleans area). |
| 1918. | LaSalle Parish, 1920.
Lincoln Parish, 1910.
Natchitoches Parish, 1925. | 1917. 1905. | Tangipahoa Parish. 1919. |
| 1921. | Natchitoches Parish. 1925. | 1922. | Washington Parish, 1925. |
| 1000. | New Orleans area (parts of Jefferson,
Orleans, Plaquemines, St. Charles,
and St. John the Baptist Parishes). | 1908. | Orleans area).
St. Martin Parish. 1919.
Tangjabao Parish. 1906.
Washington Parish. 1906.
Webster Parish. 1916.
West Carroll Parish (see East and
Wost Carroll Parish (see East and |
| | and St. John the Baptist Parishes).
1904. | | West Carroll Parishes).
Winn Parish, 1909. |
| | | | |
| | MA | INE | |
| 1917. | Aroostook area (part of Aroostook
County). 1921.
Aroostook County (see Aroostook and
Caribon Aroos) | $1915. \\ 1909.$ | Cumberland County. 1917.
Orono area (part of Penobscot Coun- |
| | Calibou Aleas). | 1909. | ty). 1910.
Penobscot County (see Orono area). |
| 1908. | Caribou area (part of Aroostook
County). 1910. | | |
| | | LAND | |
| 1921. | Allegany County, 1925 | 1916 | Howard County 1917 |
| 1909. | Anne Arundel County. 1910. | 1900. | Howard County. 1917.
Kent County. 1902.
Montgomery County. 1916. |
| 1 917. 1 900. | Calvert County, 1919. | 1914.
1901. | Montgomery County. 1916.
Prince Georges County. 1903. |
| 1907. | Caroline County. (See Easton area.) | 1907. | Queen Annes County. (See Easton |
| 1919.
1900. | Cecil County, 1922. | 1920. | area.)
Somerset County, 1924. |
| 1918. | Charles County, 1922. | 1900. | St Marys County. 1902. |
| 1001. | Talbot Counties). 1909. | 1917. | altea.)
Somerset County. 1924.
St Marys County. 1902.
Talbot County. (See Easton area.)
Washington County. 1919.
Wicomico County. 1925.
Warcester County. 1904 |
| 1919.
1901. | MARY
Allegany County. 1925.
Anne Arundel County. 1910.
Baltimore County. 1919.
Caroline County. 1902.
Caroline County. 1902.
Cecil County. 1902.
Charles County. 1902.
Easton area (Caroline, Queen Annes,
Talbot Counties). 1909.
Frederick County. 1922.
Harford County. 1903. | $1921. \\ 1903.$ | Wicomico County. 1923.
Worcester County. 1904. |
| | MASSAC | | |
| 1002 | | | |
| 1903. | Connecticut Valley (parts of Hampsh
and Hartford and Tolland Counties | s, Conn. | .). 1904. |
| 1903, 1903 | Franklin County (see Connecticut Va | lley). | 0 |
| 1903. | Hampshire County (see Connecticut | Valley). | · |
| 1920.
1911. | ranklin County (see Connecticut Va
Hampden County (see Connecticut Co
Hampshire County (see Connecticut
Norfolk, Bristol, and Barnstable Coun
Plymouth County. 1912. | ties. 1 | 924. |
| | | HIGAN | |
| 1904. | Alger County (see Munising area). | 1905. | Oxford area (part of Oakland |
| 1901. | Allegan County. 1903.
Alma area (part of Gratiot County). | | County). 1906. |
| | 1905 | | Pontiac area (part of Oakland
County). 1904. |
| 1904.
1916. | Bay County (see Saginaw area).
Calhoun County. 1919.
Cass County. 1907. | 1904. | Saginaw area (parts of Saginaw, Bay,
Huron, and Tuscola Counties). |
| 1996. | Cass County. 1907. | 1004 | 1905. |
| 1 912.
1 904. | Genesee County, 1914.
Gratiot County (see Alma area).
Huron County (see Saginaw area). | 1904.
1904. | Saginaw County (see Saginaw area).
Shiawassee County (see Owosso |
| 1904. | Huron County (see Saginaw area). | | area). |
| | Monroe County (see Toledo area, Ohio). | 1921.
1904. | St. Joseph County. 1923.
Tuscola County (see Saginaw area).
Wexford County. 1909. |
| 1904. | Munising area (part of Alger
County), 1905. | 1908. | Wexford County. 1909. |
| 1903. | Munising area (part of Alger
County). 1905.
Oakland County (see Oxford and
Pontiac areas). | | Reconnaissance |
| 1 904. | Owosso area (part of Shiawassee
County). 1905. | 1921. | Ontonagon County. 1923. |
| | | ESOTA | |
| 1016 | | | |
| 1010. | Apole County 1019 | | Marshall area (nart of 1 yon (lounty) |
| 1906. | Anoka County. 1918.
Blue Earth County. 1907. | 1903. | Marshall area (part of Lyon County).
1904. |
| 1906.
1905. | Anoka County. 1918.
Blue Earth County. 1907.
Carlton area (parts of Carlton and
St. Louis Counties, Minn., and
Depreder Convtr. Wis, 1000 | 1903.
1914.
1906. | |

- bouglas County, Wis.). 1906.
 1905. Carlton County (see Carlton area).
 1906. Crookston area (part of Polk County). 1907.
 1913. Goodhue County. 1915.
 1903. Lyon County (see Marshall area).

- 1914. Ramsey County. 1916.
 1909. Rice County. 1911.
 1919. Stevens County. 1922.
 1905. St. Louis County (see Carlton area, Minn., and Superior area, Wis.).

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MISSISSIPPI

- 1910. Adams County. 1911. 1921. Alcorn Couñty. 1924. 1917. Amite County. 1919. 1904. Biloxi area (part of Harrison Coun-

- 1917. Amite County. 1919.
 1904. Biloxi area (part of Harrison County). 1904.
 1915. Chickasaw County. 1917.
 1920. Choctaw County. 1915.
 1909. Clay County. 1915.
 1909. Clay County. 1916.
 1917. Covington County. 1919.
 1904. Copiah County (see Jackson and Crystal Springs areas).
 1905. Crystal Springs area (parts of Simpson and Copiah Counties). 1905.
 1914. Forrest County. 1912.
 1922. George County. 1925.
 1915. Grenada County. 1917.
 1903. Hancock County (see Biloxi area).
 1904. Harrison County (see Biloxi area).
 1904. Harrison County (see Sinckson area).
 1905. Linds County (see Smedes and Varian County (see Sm
- 1902. Issaquena County (see Smedes and Yazoo areas).
- 1904. Jackson area (parts of Copiah, Hinds, Rankin, and Simpson Counties). 1904. 1904. 1909. Jackson County (see Scranton area). 1907. Jasper County. 1908. 1915. Jefferson Davis County. 1916. 1913. Jones County. 1915. 1912. Lafayette County. 1914. 1919. Lamar County. 1922. 1910. Lauderdale County. 1912. 1916. Lee County. 1918. MIS

- 1921. Andrew County. 1925.
 1909. Atchison County. 1910.
 1916. Barry County. 1918.
 1912. Barton County. 1914.
 1908. Bates County. 1910.
 1915. Buchanan County. 1917.
 1921. Caldwell County. 1924.
 1916. Calaway County. 1919.
 1910. Cape Girardeau County. 1914.
 1912. Carroll County. 1914.
 1912. Cass County. 1914.
 1909. Cedar County. 1911.
 1920. Cole County. 1924.
 1909. Cooper County. 1911.
 1905. Crawford County. 1916.
 1914. DeKalb County. 1916.
 1914. Franklin County. 1915.
 1913. Greene County. 1916.
 1914. Harrison County. 1916.
 1914. Harrison County. 1916.
 1904. Harrison County. 1916. 1914. Grundy County. 1916. 1914. Harrison County. 1916. 1902. Howell County. 1903. 1910. Jackson County. 1912. 1914. Johnson County. 1916. 1917. Knox County. 1921. 1911. Laclede County. 1912. 1920. Lafayette County. 1923. 1917. Lincoln County (see also O'Fallon area). 1920. 1911. Macon County. 1913. 1910. Marion County. 1911. Percent.

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 1912. Lincoln County. 1913.
 1911. Lowudes County. 1912.
 1917. Madison County (see also Smedes area). 1920.
 1908. Monroe County. 1910.
 1906. Monroe County. 1910.
 1903. McNeill area (parts of Pearl River and Hancock Counties). 1904.
 1910. Noxubee County. 1918.
 1910. Noxubee County. 1918.
 1910. Noxubee County. 1918.
 1918. Pearl River County (see also McNeill area). 1920.
 1918. Pike County. 1921.
 1906. Pontotoc County. 1907.
 1907. Prentiss County. 1908.
 1904. Rankin County (see Jackson area).
 1909. Scranton area (part of Jackson County. 1916.
 1902. Sharkey County (see Smedes and Yazoo areas).
 1919. Simpson County (see also Jackson and Crestal Springes areas).

- 1919. Simpson County (see also Jackson and Crystal Springs areas). 1921.
 1902. Smedes area (parts of Yazoo, Madison, Issaquena and Sharkey Counties). 1903.
 1920. Smith County. 1923.
 1912. Warren County. 1914.
 1911. Warnen County. 1913.
 1913. Wilkinson County. 1915.
 1912. Winston County. 1913.
 1901. Yazoo area (parts of Yazoo, Sharkey, and Issaquena Counties). 1903.
 1902. Yazoo County (see Smedes and Yazoo areas).

MISSOURI

- 1912. Miller County. 1914.
 1921. Mississippi County. 1924.
 1913. Nodaway County. 1917.
 1913. Nodaway County. 1915.
 1904. O'Fallon area (parts of Lincoln, St. Charles, Warren, and St. Louis Counties, Min. 1905.
 1910. Pemiscot County. 1912.
 1913. Perry County. 1916.
 1914. Pettis County. 1916.
 1912. Pike County. 1914.
 1911. Platte County. 1905.
 1906. Putham County. 1917.
 1905. Scotland County. 1917.
 1905. Scotland County. 1917.
 1905. Scotland County. 1905.
 1905. Scotland County. 1906.
 1903. Shelby County. 1905.
 1904. St. Charles County (see O'Fallon area).
 1919. St. Louis County. 1921.
 1915. St. Francois County. 1921.
 1904. St. Louis County. 1923.
 1919. St. Louis County. 1914.
 1917. Texas County. 1914.
 1917. Texas County. 1914.
 1914. Warren County. 1913.
 1904. Warren County. 1914.
 1914.
 1915. Kielon and Leaven area).
 1904. Warren County. 1923.
 1919. St. Jouis County. 1914.
 1917. Texas County. 1914.
 1917. Warren County. 1915.
 1904. Warren County. 1905.

Reconnaissance

1911. Ozark region. Arkansas and Missouri (Baxter, Benton, Boone, Carroll, Cleburne, Conway, Crawford, Faulkner, Fulkon, Izard, Johnson, Madison, Marion, Newton, Pope, Searcy, Sharp, Stone, Van Buren, and Washington Counties, and parts of Franklin, Independence, Lawrence, Lonoke, Pulaski, Randolph, and White Coun-ties. Ark, and Barry, Benton, Camden, Carter, Christian, Cole, Crawford, Dade, Dallas, Dent, Douglas, Franklin, Gasconade, Greene, Hickory, Howell, Iron, Jef-ferson, Laclede, Lawrence, McDonald, Madison, Maries, Miller, Moniteau, Mor-gan, Newton, Oregon, Osage, Ozark, Perry, Phelps. Polk, Pulaski, Reynolds, Ste, Genevieve, St. Francois, Shannon, Stone, Taney, Texas, Washington, Wayne, Webster, and Wright Counties, and parts of Barton, Bollinger, Butler, Cape Girardeau, Cedar, Cooper, Jasper, Pettis, Ripley, St. Clair, and St. Louis Counties, Mo.). 1914.

SOIL SURVEYS

MONTANA

- 1902. Billings area (parts of Yellowstone and Stillwater Counties). 1903, 1914. Bitter Root Valley area (parts of Missoula and Ravalli Counties). 1917.
 1905. Gallatin County (see Gallatin Valley area).
 1905. Gallatin Valley area (part of Gallatin County). 1906.
 1914. Missoula County (see Bitter Root Valley area).
 1914. Ravalli County (see Bitter Root Valley area).
 1902. Stillwater County (see Billings area).
 1902. Yellowstone County (see Billings area).

NEBRASKA

- 1921. Antelope County. 1924. 1919. Banner County. 1921. 1921. Boone County. 1925. 1916. Box Butte County. 1918 1907. Lincoln County (see North Platte area). 1919. Banner County. 1921.
 1921. Boone County. 1925.
 1916. Box Butte County. 1918.
 1904. Buffalo County (see Kearney and Green Island areas).
 1913. Cass County. 1914.
 1917. Chase County. 1919.
 1918. Cheyenne County. 1920.
 1919. Dakota County. 1921.
 1915. Dawes County. 1921.
 1922. Dawson County (see Kearney area).
 1924. Dodge County. 1918.
 1916. Dodge County. 1918.
 1913. Douglas County. 1915.
 1914. Gage County. 1915.
 1914. Gage County. 1916.
 1904. Gosper County (see Kearney area).
 1904. Buffalo, Hamilton, and Merrick Counties). 1904.
 1916. Hall County (also see Grand Island area). 1918.
 1903. Hamilton County (see Grand Island 1920. Madison County (see also Stanton area). 1923. (see Grand Island area).
 1903. Merrick County (see Grand Island area).
 1917. Morrill County. 1920.
 1922. Nance County. 1925.
 1914. Nemaha County. 1925.
 1914. Nemaha County. 1926.
 1907. North Platte area (part of Lincoln County). 1908.
 1912. Otoe County. 1924.
 1920. Pawnee County. 1924.
 1917. Phelps County. 1924.
 1917. Phelps County. 1924.
 1917. Phelps County. 1917.
 1919. Redwillow County. 1917.
 1915. Richardson County. 1915.
 1913. Sauders County. 1915.
 1914. Seward County. 1916.
 1913. Stanton area (yarts of Pierce, Madison, Stanton area), 1919.
 1903. Stanton County. 1921.
 1903. Stanton area (parts of Pierce, Madison, Stanton area (parts of Pierce, Madison, Stanton area), 1914.
 1914. Thurston County. 1916.
 1915. Washington County. 1917.
 1914. Wayne County. 1916.
 1915. Washington County. 1917.
 1914. Wayne County. 1916.
 1915. Washington County. 1917.
 1914. Stanton, and Wayne Countarea.
 1914. Thurston County. 1915.
 1914. Stanton, 2004.
 1914. Thurston County. 1916.
 1915. Washington County. 1917.
 1917. Wayne Countarea.
 1919. Stanton area (parts of Pierce, Madison, Stanton, and Wayne Countarea).
 1914. Thurston County. 1916.
 1915. Washington County. 1917.
 1917. Wayne Countarea.
 1919. Stanton area.
 1914. Thurston County. 1915.
 1915. Washington County. 1917.
 1917. Wayne Countarea.
 1919. Stanton area.
 1919. Stanton area.
 1914. Stanton County. 1916.
 1915. Washington County. 1917.
 1917. Wayne Countarea.
 1919. Wayne Countarea. area). 1923. 1903. Merrick County (see Grand Island
- 1903. Hamilton County (see Grand Island
- area). 1920. Howard County.

- arca).
 arca).
 1920, Howard County.
 1924.
 1921, Jefferson County.
 1924.
 1920, Johnson County.
 1924.
 1904, Kearney area (parts of Dawson, Buffalo, Phelps, Kearney, and Gosper Countes).
 1904, Kearney County (see Kearney area).
 1916, Kimball County.
 1908.

- 1911. Western Nebraska (Adams, Banner, Blaine, Box, Butte, Boyd, Brown, Buffalo, Chase, Cherry, Cheyenne, Custer, Dawes, Dawson, Deuel, Dundy, Frontier, Franklin, Furnas, Garden, Garfield, Gosper, Grant, Greeley, Hall, Harlan, Hayes, Hitchcock, Hooker, Holt, Howard, Kearney, Keith, Keyapaha, Kimball, Lincoln, Logan, Loup, McPherson, Morrill, Perkins, Phelps, Redwillow, Rock, Scottsbluff, Sheridan, Sherman, Sioux, Thomas, Valley, Webster, and Whceler Counties). 1913.

NEVADA

- 1909. Churchill County (see Fallon area). 1909. Fallon area (parts of Lyon and Churchill Counties). 1911. 1909. Lyon County (see Fallon area).

NEW HAMPSHIRE

- 1909. Hillsboro County (see Nashua area). 1906. Merrimack County. 1908. 1909. Nashua area (part of Hillsboro County). 1910.

NEW JERSEY

- 1915. Atlantic County.(see Camden, Mill-ville, and Chatsworth areas).
 1917. Belvidere area (parts of Hunterdon, Mercer, Morris, Somerset, Sussex, and Warren Counties). 1920.
- Mercer, Morris, Sourcest, and Warren Counties). 1920. 1919. Bernardsville area (parts of Hunter-don, Middlesex, Morris, Somerset, Sussex, and Union Counties). 1923.
- 1925. Burlington County (see Camden, Trenton, and Chatsworth area).
 1915. Camden area (parts of Atlantic, Burlington, Camden, Cumberland, Gloucester, and Salem Counties). 1917
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- 1915. Camden County (see Camden and
- 1918. Cape May County (see Califich and Chatsworth area).
 1918. Cape May County (see Millville area).
 1919. Chatsworth area (parts of Atlantic, Burlington, Monmouth, and Canden Counties and all of Ocean County).
 - 1923
- 1925.
 1915. Cumberland County (see Camden, Millville, and Salem areas).
 1913. Freehold area (parts of Monmouth and Middlesex Counties).
 1915. Gloucester County (see Camden, Millville, and Salem areas).
 1917. Hunterdon County (see Belvidere, Trenton, and Bernardsville areas).

- Reconnaissance

NEW JERSEY-continued

- 1917. Mercer County (see Belvidere and Trenton areas).
 1913. Middlesex County (see Freehold, Trenton, and Bernardsville areas).
 1917. Millville area (Cape May County and parts of Atlantic, Cumberland, Choucester, and Salem Counties).
- 1921

- 1921.
 1913. Monmouth County (see Freehold, Chatsworth, and Trenton areas).
 1917. Morris County (see Belvidere, Sussex, and Bernardsville areas).
 1902. Ocean County (see Trenton and Chatsworth areas).
 1911. Passnic County (see Sussex area).
 1901. Salem area (parts of Cumberland, Gloucester, and Salem Counties). 1903
- 1912. Bernalillo County (see Middle Rio Grande area). 1912. Dona Ana County (see Mesilla Valley

- 1912. Dona Ana Councy (action of the strength of the

NEW YORK

- 1904. Auburn area (part of Cayuga County). 1905.
 1902. Bigfiats area (parts of Chemung and Steuben Counties). 1903.
 1905. Binghamton area (part of Broome County). 1908.
 1905. Broome County (see Binghamton
- area). 1903. Cayuga County (see Auburn and Syracuse areas).

- 1903. Cayuga County (see Auburn and Syracuse areas).
 1914. Chautauqua County (see also West-field area).
 1916.
 1902. Chemung County. (see Bigflats area).
 1918. Chenango County. 1920.
 1914. Clinton County. 1916.
 1916. Cortland County. 1917.
 1907. Dutchess County. 1909.
 1904. Essex County (see Vergennes area, Vermont).
 1911. Jefferson County. 1913.
 1903. Kings County (see Long Island area).
 1904. Long Island area (parts of Kings, Nassau, Queens, and Suffolk Coun-ties). 1904.
 1902. Lyons area (parts of Ontario, Seneca, and Wayne Counties). 1903.
 1906. Madison County. 1907.
 1908. Montgomery County. 1909.
 1903. Nassau County (see Long Island area).
 1903. Nassau County (see Long Island area).
 1904. Nassau County (see Long Island area).
 1905. Niegarga County (see Long Island area).
 1906. Maisgomery County.
 1907.
 1903. Nassau County (see Long Island area).
 1906. Niegarga County (see Long Island area).
 1907.
 1908. Nontoe County (see Long Island area).
 1908. Nontoe County (see Long Island area).
 1906. Niegarga County (see Long Island area).

- area). 1906. Niagara County. 1908. 1913. Oneida County. 1915. 1903. Onondaga County (see Syracuse area).

- 1915. Salem County (see Camden, Millville, and Salem areas).
 1917. Somerset County (see Belvidere, Trenton, and Bernardsville areas).
 1917. Sussex County (see Belvidere, Sussex, and Bernardsville areas).
 1911. Sussex area (parts of Morris, Pas-county (see area (varts of Morris, Pas-ter). 1911. Sussex area (parts of Morris, Pas-saic, Sussex, and Warren Counties). 1913.
- 1902. Trenton area (parts of Burlington. Innterdon, Mercer, Middlesex, Monmouth, Somerset, and Ocean Counties, N. J., and Bucks County, Pa.). 1903. nion County (see Bernardsville
- 1919. Union
- 1919. Online County (see Definition area).
 1917. Warren County (see Belvidere and Sussex areas).

NEW MEXICO

- 1912. Sandoval County (see Middle Rio Grande area).
- (see Middle Rio
- 1912. Socorro County Grande area). 1912. Valencia County (see Middle Rio Grande area).
- 1910. Ontario County (see also Lyons area). 1912. 1912. Orange County. 1912.
- 1917. Oswego County area). 1919. (see also Syracuse
- area). 1903. Queens County (see Long Island
- area). 1918. Rockland County (see White Plains area). 1917. Saratoga County. 1919 1915. Schobarie County. 191

- 1915. Schobarie County. 1917.
 1915. Schobarie County. 1917.
 1902. Steuben County (see Lyons area).
 1903. Syracuse area (parts of Cayuga, Onondaga, and Oswego Counties). 1904.
- 1903. Suffolk County (see Long Island area)
- 1905.
- 1920.
- 1909.
- area). Tompkins County. 1906. Tompkins County. 1924. Washington County. 1911. Wayne County (see Lyons area). Wayne County. 1923. Westchester County (see Whi Universe area)
- 1902. Wayne Coun 1919. Wayne Coun 1918. Westchester White

- 1918, Westchester County (see white Plains area). 1901, Westfield area (part of Chautauqua County). 1903. 1919, White Plains area (Putnam, Rock-land, and Westchester Counties). 1929 1922
- 1916. Yates County. 1918.

NORTH CAROLINA

- 1901. Alamance County. 1903.
 1902. Alexander County (see Hickory area).
 1915. Alleghany County. 1917.
 1915. Anson County. 1917.
 1912. Ashe County. 1914.
 1903. Asheville area (parts of Buncombe, Haywood, and Madison Counties). 1904
- 1904. 1917. Beaufort County (see also Craven area). 1919. 1918. Bertie County. 1920. 1914. Bladen County. 1915. 1920. Buncombe County. 1923.

1903. Buncombe County (see Asheville and Mount Mitchell areas).

- 1902. Burke County (see Hickory area). 1910. Cabarrus County, 1911. 1917. Caldwell County (see also Hickory area). 1919.
- area). 1919. 1901. Cary area (part of Wake County). 1903. 1908. Caswell County. 1910. 1902. Catawba County (see Hickory and Statesville areas). 1921. Cherokee County. 1924.

- 1921. Cherokee County. 192-1906. Chowan County. 1907.

1914. area). 1919. 1918. Putnam County (see White Plains

NORTH CAROLINA-continued

- 1916. Cleveland County. 1918.
 1915. Columbus County. 1917.
 1903. Craven area (parts of Beaufort, Craven, Greene, Jones, Lenoir, and Pitt Counties). 1904. 1905. Craven area (parts of beautor), Craven, Greene, Jones, Lenoir, and Pitt Counties). 1904.
 1903. Craven County (see Craven and Ral-eigh to Newbern areas).
 1922. Cumberland County. 1925.
 1915. Davidson County. 1917.
 1901. Davie County (see Statesville area).
 1905. Duplin County. 1905.
 1920. Durham County. 1924.
 1907. Edgecombe County. 1918.
 1913. Forsyth County. 1914.
 1909. Gaston County (1912.
 1913. Greene County (see Craven and Ral-eigh to Newbern areas).
 1920. Guilford County. 1912.
 1916. Haifax County. 1918.
 1921. Halfax County. 1917.
 1922. Haywood County (see also Asheville

- 1916. Harnett County. 1917.
 1922. Haywood County (see also Asheville area). 1925.
 1907. Henderson County. 1908.
 1916. Hertford County. 1917.
 1902. Hickory area (parts of Alexander, Burke, Caldwell, Catawba, Iredell, and Lincoln Counties). 1903.
 1918. Hoke County. 1921.
 1909. Hyde County (see Lake Mattamuskeet area).
- keet area). 1902. Iredell County (see Hickory and
- Statesville areas).
- Statesville areas). 1911. Johnston County (see also Raleigh to Newbern area). 1913. 1903. Jones County (see Craven and Ra-leigh to Newbern areas). 1909. Lake Mattamuskeet area (part of Hyde County). 1910. 1903. Lenoir County (see Craven and Ra-leigh to Newbern areas). 1914. Lincoln County (see also Statesville area). 1916.

- area). 1916. 1903. Madison County (see Asheville and Mount Mitchell areas).

- 1902. McDowell County (see Mount Mitch-
- ell area). 1910. Mecklenburg County (see also States-ville area). 1912.
- 1902. Mitchell County (see Mount Mitchell
- 1902. Mitchell County (see Mount Mitchell area).
 1919. Moore County. 1922.
 1902. Mt. Mitchell area (parts of Bun-combe, McDowell, Madison, Mitch-ell, and Yancey Counties). 1903.
 1906. New Hanover County. 1927.
 1910. Nolow County. 1923.
 1918. Orange County. 1921.
 1905. Pasquotank and Perquimans Coun-ties. 1905.
 1912. Pender County. 1914.
 1905. Perquimans County (see Pasquotank and Perquimans Counties).
 1909. Pitt County (see also Craven area).
 1910.
- and Perquimans Counties). 1909. Pitt County (see also Craven area). 1910. 1900. Raleigh to Newbern area (parts of Craven, Greene, Johnston, Jones, Lenoir, Wake, and Wayne Coun-ties). 1901. Randolph County. 1913. Randolph County. 1915. 1911. Richmond County. 1915. 1914. Rowan County. 1919. Robeson County. 1919. Stotland County. 1911. 1916. Stanley County. 1911. 1916. Stanley County. 1911. 1916. Statesville area (parts of Catawba, Davie, Iredell, Lincoln, Mecklen-burg, and Rowan Counties). 1903. 1904. Union County. 1924. 1914. Wine County. 1921. 1914. Wake County. 1921. 1914. Wake County (see also Cary and Raleigh to Newbern areas). 1916. 1915. Wilkes County. 1921. 1922. Yancey County (see Mount Mitchell 2021. 2021. 2021. 2021. 2021. 2021. 2021. 2021. 2021. 2021. 2021. 2021. 2022. 2021. 2021. 2021. 2021. 2021. 2021. 2021. 2021. 2022. 2021. 2021. 2021. 2021. 2022. 2021. 2021. 2021. 2021. 2021. 2021. 2021. 2021. 2021. 2021. 2021. 2022. 2021.
- 1918. Wilkes County. 1921. 1902. Yancey County (see Mount Mitchell area).

- NORTH DAKOTA 1907. Adams County (see Morton area). 1915. Bortineau County. 1917. 1904. Cando area (part of Towner County). 1905. 1905. Carrington area (part of Foster and Griggs Counties). 1906. 1903. Cass County (see Fargo area). 1914. Dickey County. 1916. 1903. Fargo area (part of Cass County). 1904. 1905. Foster County (see Carrington area). 1902. Grand Forks area (part of Grand Forks county). 1903. 1902. Grand Forks area (part of Grand Forks area). 1903. Jamestown area (parts of Barnes and Stutsman Counties). 1904. 1907. Hettinger County (see Morton area). 1908. Jamestown area (parts of Barnes and Stutsman Counties). 1904. 1914. Lamoure County. 1917. 1921. McHenry County. 1925. 1907. McKenzie area (part of McKenzie County). 1908. 1907. McKenzie area (parts of Adams, Hettinger and Morton Counties). 1908. 1906. Ransom County. 1907. 1906. Ransom County. 1907. 1906. Richland County. 1909. 1917. Sargent County (see Jamestown area). 1904. Towner County (see Jamestown area). 1905. Rutsman County (see Jamestown area). 1906. Riutsman County (see Jamestown area). 1907. Morton county (see Jamestown area). 1906. Riutsman County (see Jamestown area). 1906. Williams County (see Williston area). 1906. Williams County (see Williston area). 1906. Williams County (see Williams County). 1908. 1906. Williams County (see Williams County). 1908. 1906. Williams County (see Williams County). 1908. 1906. Williams County (see Williams County). 1908.

Reconnaissance

1908. Western North Dakota (Adams, Billings, Bottineau, Bowman, Burke, Burleigh, Divide, Dunn, Emmons, Golden Valley, Hettinger, McHenry, McKenzie, McLean, Mercer, Morton, Mountraill, Oliver, Renville, Stark, Sheridan, Ward, and William Countries 1010. Williams Counties). 1910.

- NORTH DAKOTA

OHIO

- 1903. Ashtabula County (see Ashtabula area).
 1903. Ashtabula area (part of Ashtabula County).
 1904.
 1909. Auglaize County.
 1910. Cleveland area (parts of Cuyahoga, Lorain, Medina and Summit Counties).
 1902. Columbus area (parts of Fairfield, Franklin, Licking, Madison, and Pickaway Counties).
 1903.
 1904. Coshocton County.
 1905.
 1905.
 1905.
 1905. 1905. Cleveland area (parts of Cuyahoga, Lorain, Medina and Summit Counties). 1906.
 1902. Columbus area (parts of Fairfield, Franklin, Licking, Madison, and Pickaway Counties). 1903.
 1904. Coshocton County. 1905.
 1905. Cuyahoga County (see Cleveland area).
 1905. Delaware County (see Westerville area).
 1905. Franklin County (see Cleumbus area).
 1905. Franklin County (see Cleumbus area).
 1915. Hamilton County (see Westerville and Columbus areas).
 1915. Geauga County (see Westerville and Columbus areas).
 1915. Licking County (see Cleveland area).
 1905. Madison County (see Vesterville and Columbus areas).
 1906. Meigs County (see Westerville and Columbus areas).
 1906. Meigs County (see Westerville and Cleveland areas).
 1906. Meigs County. 1918.
 1904. Medina County. 1918.
 1906. Meigs County. 1902.
 1902. Ottawa County (see Toledo area).
 1904. Medina County. 1915.
 1902. Ottawa County (see Columbus area).
 1914. Paulding County. 1915.
 1902. Pickaway County. (see Wooster area).
 1915. Stark County (also see Wooster area).
 1914. Portage County. (also see Wooster area).
 1904. Stark County (also see Wooster area).
 1904. Toledo area (parts of Lucas, Ottawa, and Wood Counties, Ohio, and Monroe County. Mich.). 1903.
 1914. Trumbull County. 1916.
 1905. Union County (see Westerville area).
 1904. Stark County (see Wooster area).
 1905. Toledo area (parts of Lucas, Ottawa, and Wood Counties, Ohio, and Monroe County. Mich.). 1903.
 1914. Trumbull County. 1916.
 1905. Union County (see Wooster area).
 1904. Stunnit County (see Wooster area).
 19

- 1914. Trumbull County. 1916. 1905. Union County (see Westerville area). 1904. Wayne County (see Wooster area). 1905. Westerville area (parts of Delaware, Franklin, Licking, Madison, and Union Coun-tion). 1908. 1906.
 1908. Wood County (see Toledo area).
 1904. Wooster area (parts of Medina, Stark, Summit, and Wayne Counties).
 1905.

Reconnaissance

1912. Entire State. 1915.

OKLAHOMA

- 1906. Bryan County (see Tishomingo area).
 1914. Bryan County. 1915.
 1917. Canadian County. 1919.
 1906. Johnston County (see Tishomingo area).
 1915. Kay County. 1917.
 1906. Marshall County (see Tishomingo area).
 1913. Muskogee County. 1915.
 1906. Oklahoma County. 1907.
 1916. Fayne County. 1918.
 1914. Roger Mills County. 1916.
 1906. Tishomingo area, Indian Territory (part of District No. 22, or parts of Bryan, Johnston, and Marshall Counties). 1907.

OREGON

- 1903. Baker City area (parts of Baker and Union Counties). 1904.
 1903. Baker County (see Baker City Area).
 1909. Benton County. 1924.
 1909. Coos County. (See Marshfield area.)
 1909. Coos County. (See Marshfield area.)
 1919. Coos County. (See Marshfield area.).
 1912. Hood River-White Salmon River area (parts of Hood River County, Oregon and Kilckitat and Shamania Counties, Wash.). 1914.
 1911. Jackson County (see Klamath reclamation project area).
 1908. Klamath county (see Klamath reclamation project area).
 1908. Klamath reclamation project area (parts of Klamath County, Oreg., and Modoc and Siskiyou Counties, Calif.). 1910.
 1909. Marshfield area (parts of Coos and Curry Counties). 1911.
 1903. Marion County (see Salem area).
 1914. Medford area (part of Jackson County). 1913.
 1919. Multnomah County (see Salem area).
 1904. Polk County (see Salem area).

- 1911. Mediora area (part of Jackson County). 1913.
 1919. Multnomah County. 1922.
 1903. Polk County (see Salem area).
 1903. Salem area (parts of Marion and Polk Counties). 1904.
 1903. Union County (see Baker City area).
 1919. Washington County. 1923.
 1917. Yamhill County. 1920.

PENNSYLVANIA

- 1904. Adams County. 1905.
 1911. Bedford County (see also Johnstown area). 1913.
 1909. Berks County. 1911.
 1915. Blair County (see also Johnstown area). 1917.
 1911. Bradford County. 1913.

PENNSYLVANIA-continued

- 1917.
- 1902. Bucks County (see Trenton area, New Jersey) 1915. Cambria County (see also Johnstown area). 1908. Center County. 1910.
- 1905.
- 1916.
- 1903. 1901.
- 1910.
- 1921.
- 1907.
- 1900.
- 1914.
- Cambria County (see also Johnstown area). 1917. Center County. 1910. Chester County. 1906. Clearfield County. 1919. Clinton County (see Lockhaven area). Dauphin County (see Lebanon area). Erie County. 1917. Greene County. 1925. Johnstown area (parts of Blair, Bedford, and Cambria Counties). 1909. Lancaster area (part of Lancaster County). 1902. Lancaster area (parts of Dauphin, Lancaster, and Lebanon areas). 1916. Lebanon area (parts of Dauphin, Lancaster, and Lebanon Counties). 1900. 1901. 1903. 1901. Leonon area (parts of Daupin, Lancaster, and 1
 1901. Leonon County (see Leonon area).
 1903. Lockhaven area (part of Clinton County).
 1904.
 1905. Montgomery County.
 1906.
 1905. Washington County.
 1911.

- 1910. Washington County. 1912. York County. 1914.

Reconnaissance

- 1911. Northeastern Pennsylvania (Bradford, Clinton, Lackawanna, Lycoming, Pike, Sullivan, Susquehanna, Tioga, Wayne, and Wyoming Counties). 1913.
 1908. Northwestern Pennsylvania (Cameron, Crawford, Elk, Erie, Forest, Lawrence, McKean, Mercer, Potter, Venango, and Warren Counties). 1910.
 1910. South Central Pennsylvania (Adams, Bedford, Blair, Cambria, Center, Clearfield, Cumberland, Franklin, Fulton, Huntington, Juniata, Mifflin, Perry, Snyder, Somerset, and Union Counties). 1912.
 1912. Southeastern Pennsylvania (Berks, Bucks, Carbon, Chester, Columbia, Dauphin, Delaware, Laucaster, Lebanon, Lehigh, Luzerne, Monroe, Montgomery, Montout, Northampton, Northumberland, Philadelphia, Schuylkill, and York Counties). 1914.
- 1909. Southwestern Pennsylvania (Allegheny, Armstrong, Beaver, Butler, Clarion, Fay-ette, Greene, Indiana, Jefferson, Washington, and Westmoreland Counties). 1911.

PORTO RICO

1902. Soil survey from Arecibo to Ponce. 1903.

RHODE ISLAND

1904. Entire State. 1905.

SOUTH CAROLINA

- 1902. Abbeville area (parts of Abbeville, Anderson, Greenwood, and Laur-ens Counties). 1903. 1902. Abbeville County (see Abbeville
- area)
- (see also Abbe-1909. Anderson County ville area). 1910. 1913. Bamberg County. 1914. 1912. Barnwell County. 1914. 1916. Berkeley County. 1918. 1904. Calhoun County (see area).

- Orangeburg
- 1903. Campobello area (parts of Greenville
- and Spartanburg Counties). 1904.
 404. Charleston area (parts of Charleston and Colleton Counties). 1905.
 1904. Charleston County (see Charleston
- area)

- area). 1905. Cherokee County. 1906. 1912. Chester County. 1913. 1914. Chesterfield County. 1915. 1910. Clarendon County. 1912. 1904. Colleton County (see Charleston area).
- 1909. Conway area (part of Horry Coun-ty). 1910.
- ty). 1910.
 1902. Darlington area (Darlington County) and part of Lee County), 1903.
 1902. Darlington County (see Darlington)
- 1917.
- area). 1915. Dorchester County. 19 1911. Fairfield County. 1913.
- 1920. Beadle County. 1924.
 1907. Belle Fourche area (parts of Butte and Meade Counties). 1908.
 1903. Brookings area (part of Brookings County). 1904.
 1903. Brookings County (see Brookings)
- 1903. Brookings County (see Brookings area).

- 1914. Florence County. 1916. 1911. Georgetown County. 1912. 1921. Greenville County. 1924. 1903. Greenville County (see Campobello area).
- 1902. Greenwood County (see Abbeville area).
- also Conway
- 1915. Hampton County. 1918. Horry County (see als area). 1920. 1919. Kershaw County. 1922. 1904. Lancaster County. 1902. Laurens County (see Abbeville
- area).
 1907. Lee County (see also Darlington area).
 1908.
 1922. Lexington County.
 1925.
 1917. Marlboro County.
 1921.
 1907. Oconee County.
 1921.
 1904. Orangeburg area (parts of Calhoun and Orangeburg Counties).
 1905.
 1913. Orangeburg County.
 1915.
 1916. Richland County.
 1916.
 1916. Richland County.
 1916.
 1921. Spartanburg County (see Campobello area).
 1924.
 1903. Spartanburg County (see Campobello area).

- 1903. Sparten area). 1907. Sumter County. 1908 1912. Union County. 1914.
- 1908.
- 1913. Union County. 1914 1905. York County. 1906.

SOUTH DAKOTA

- 1907. Butte County (see Belle Fourche 1907. Butte County (see Belle Fourche area).
 1921. McCook County. 1924.
 1907. Meade County (see Belle Fourche area).
 1921. Union County. 1924.

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Reconnaissance

1909. Western South Dakota (Armstrong, Bennett, Butte, Corson, Custer, Dewey, Fall River, Gregory, Harding, Lawrence, Lyman, Meade, Mellette, Pennington, Per-kins, Shannon, Stanley, Todd, Tripp, Washabaugh, Washington, and Schnasse River, Gregory, I kins, Shannon, S Counties). 1911.

TENNESSEE

- 1903. Bledsoe County (see Pikeville area).
- 1904. Cocke County (see Greeneville area). 1908. Coffee County. 1910. 1903. Cumberland County (see Pikeville (see Pikeville

- 1903. Cumberland County (see Pikeville area).
 1903. Davidson County. 1904.
 1907. Giles County. 1907.
 1906. Grainger County. 1907.
 1904. Greene County (see Greeneville area).
 1904. Greeneville area (parts of Greene, Hawkins, Cocke, and Sullivan Cos., Tennessee; and Madison County, North Carolina). 1905.
 1904. Hawkins County (see Greeneville area).
- area).
- 1905. Henderson County. 1906. 1922. Henry County. 1925. 1913. Jackson County. 1915.

- 1904. Lawrence County. 1905.
 1906. Madison County. 1907.
 1919. Meizs County. 1921.
 1901. Montgomery County. 1903.
 1908. Overton County. 1909.
 1903. Pikeville area (parts of Bledsoe, Cumberlaud, Rhee, and Van Buren Counties). 1904.
 1912. Putnam County. 1914.
 1903. Rhea County (see Fikeville area).
 1914. Robertson County. 1914.
 1916. Shelby County. 1919.
 1904. Sullivan County (see Greeneville area).

- area). 1909. Sumner County. 1910. 1903. Van Buren County (see Pikeville
- area).

1913. Jefferson County. 1915. 1907. Lamar County (see Cooper and Paris

1906. Laredo area (part of Webb County).

TEXAS

- 1904. Anderson County. 1905.
 1903. Angelina County (see Lufkin area).
 1912. Archer County. 1914.
 1904. Austin area (parts of Bastrop, Caldwell, Hays, Travis, and Williamson Counties).
 1905. Basque County (see Waco area).
 1904. Bastrop County (see Austin area).
 1907. Bastrop County (see also San Marcos area).
 1908.
 1916. Bell County.
 1918.
 1904. Bexar County (see San Antonio area).
 1918. Bowle County.
 1921.
 1902. Brazoria area (part of Brazoria)

- area). 1918. Bowle County. 1921. 1902. Brazoria area (part of Brazoria County). 1903. 1902. Brazoria County (see Brazoria area). 1914. Brazos County. 1916. 1907. Brownsville area (part of Cameron County). 1908. 1906. Caldwell County (see Austin area). 1907. Bastrop County (see also San Mar-cos area). 1908. 1907. Cameron County (see Brownsville area).
- 1908. Camp County. 1910. 1908. Cherokee County (see Jacksonville area).

- 1907. Cooper area (Delta County and part of Lamar County). 1908.
 1908. Corpus Christi area (part of Nueces County). 1909.
 1920. Dallas County. 1924.
 1907. Delta County (see Cooper area).
 1918. Denton County. 1922.
 1916. Eastland County. 1917.
 1912. El Paso County (see Mesilla Valley area, N. Mex.).
 1910. Ellis County. 1911.
 1920. Erath County. 1923.
 1908. Freakine County. 1909.
 1918. Freestone County. 1921.
 1909. Grayson County. 1910.
 1906. Guadalupe County (see San Marcos

- 1906. Guadalupe County (see San Marcos
- area).

- area). 1912. Harrison County. 1913. 1906. Hays County (see Austin area). 1906. Hays County (see San Marcos area). 1906. Henderson area (part of Rusk Coun-ty). 1907. 1905. Houston County. 1906. 1908. Jacksonville area (part of Cherokee County). 1904.

- ty). 1904.

Reconnaissance

1910. Central Gulf Coast Texas (Aransas, Bee, Brazoria, Calhoun, De Witt, Goliad, Jackson, Karnes, Matagorda, Refugio, Victoria, and Wharton Countles). 1911.

1906. Laredo area (part of webb County).
1908.
1905. Lavaca County. 1905.
1905. Lee County. 1906.
1917. Lubbock County. 1920.
1903. Lufkin area (part of Angelina County).
1904. (part of Angelina County). ty), 1904. 1905. McLennan County (see Waco area) 1901. Montgomery County

areas)

- 1901. Montgomery County (see Willis area).
 1909. Morris County. 1910.
 1903. Nacogdoches area (part of Nacogdoches County).
 1903. Nacogdoches County (see Nacogdoches area).
 1908. Nucces County (see Corpus Christiarea).
 1903. Paris area (part of Lamar County).

(see

Willis

- 1903. Paris area (part of Lamar County). 1904.

- 1903. Paris área (part of Lamar County). 1904.
 1919. Red River County. 1923.
 1907. Robertson County. 1909.
 1906. Rusk County (see Henderson area).
 1904. San Marcos area (part of Bexar County). 1904.
 1906. San Marcos area (parts of Bastrop Caldwell, Guadalupe, and Hays Counties). 1907.
 1916. San Saba County. 1917.
 1915. Smith County. 1917.
 1920. Tarrant County. 1924.
 1915. Taylor County (see Austin area).
 1904. Travis County (see Austin area).
 1903. Tyler County (see Laredo area).
 1905. Waco area (parts of Basque and Me-Lennan County. 1915.
 1906. Webb County (see Voron area).
 1904. Wilbiarger County (see Vernon area).
 1904. Wilbiarger County (see Austin area).
 1905. Webb County (see Laredo area).
 1904. Wilbiarger County (see Austin area).
 1904. Wilbiarger County (see Austin area).
 1904. Wilbiarger County (see Austin area).

- 1919. Northwest Texas (Bailey, Cochran, Cottle, Crosby, Dickens, Floyd, Foard, Garza, Hale, Hardeman, Haskell, Hockley, Kent, King, Knox, Lamb, Lubbock, Lynn, Motley, Stonewall, Terry, and Yoakum Counties). 1922.
 1910. Panhandle Texas (Armstrong, Brisco. Carson, Castro, Childress, Collingsworth, Dallam, Deaf Smith, Donley, Gray, Hall, Hansford, Hartley, Hemphill, Ilutchinson, Lipscomb, Moore, Ochiltree, Oldham, Parmer, Potter, Randall, Roberts, Sherman, Swisher, and Wheeler Counties). 1911.
 1913. South Central Texas (Bandera, Blanco, Burnett, Comal, Crockett, Edwards, Gillespie, Kendall, Kerr, Kimble, Liano, Mason, Menard, Schletcher, Sutton, and Valverde Counties, and parts of Hays, Real, and Travis Counties). 1915.
 1909. South Texas (Cameron, Duval, Hidalgo, Nueces, San Patrico,^o Starr, Webb, and Zapata Countics). 1910.
 1911. Southwest Texas (Atascosa, Bexar, Dimmit, Frio, Kinney, La Salle, Live Oak.

- 22 South Verses, 1910.
 23 Southwest Texas (Atascosa, Bexar, Dimmit, Frio, Kinney, La Salle, Live Oak, Maverick, McMullen, Medina, Uvalde, Wilson, and Zavalla Counties).
 1912.

TITAT

- 1920. Ashley Valley area. 1924. 1904. Bear River area (part of Box Elder County). 1905. 1904. Box Elder County (see Bear River 1919. Millard County (see Delta area). 1903. Provo area (part of Utah County). 1904 1904. 1900. Sanpete County (see Sevier Valley). 1900. Sevier Valley (parts of Sanpete and Sevier Counties). 1902. 1921. Uintah River Valley area. 1925. 1903. Utah County (see Provo area). 1900. Weber area (parts of Box Elder, Davis, and Weber Counties. 1902. and Weber areas). ache County (see Cache Valley 1913. Cache
- 1913. Cache Valley area (part of Cache County).
 1913. Cache Valley area (part of Cache County).
 1900. Davis County (see Weber area).
 1919. Delta area (part of Millard County).

- 1922.

VERMONT

- 1904. Addison County (see Vergennes area). 1904. Vergennes area (part of Addison County, Vt., and Essex County, N. Y.). 1905. 1916. Windsor County. 1918.

VIRGINIA

- VIRGINIA
 1917. Accomac and Northampton Counties. 1920.
 1902. Albemarle area (parts of Albemarle, Buckingham, Greene, Augusta, Nelson, Page, and Rockingham Counties). 1903.
 1962. Albemarle County (see Albemarle area).
 1915. Alexandria County (see Fairfax and Alexandria Counties).
 1904. Appomattox County (see Fraire Edward area).
 1905. Alexandria County (see Prince Edward area).
 1906. Angusta County (see Albemarle area).
 1907. Angusta County (see Albemarle area).
 1908. Augusta County (see Albemarle area).
 1909. Bedford area (parts of Bedford, Botetourt, Franklin, and Roanoke Counties).
 1901. Bedford area (parts of Bedford area).
 1902. Buckingham County (see Bedford area).
 1903. Hoteiourt County (see Bedford area).
 1904. Campbell County (see Holmarle area).
 1905. Elizabeth City County (see Yorktown area).
 1905. Elizabeth City County (see Fairfax and Alexandria Counties)
 1904. Frederick County. 1916.
 1905. Gloucester County (see Yorktown area).
 1905. Hanover County (see Yorktown area).
 1906. Henrick County (see Yorktown area).
 1907. Greene County (see Yorktown area).
 1908. Leveshurg area (parts of Loudon County Wirginia Eredevick and Washington County County (see Yorktown area).

- 1913. 1905.
- 1905. Hanover Counity, 1906.
 1913. Henrico County, 1914.
 1905. James City County (see Yorktown area).
 1908. Leesburg area (parts of Loudon County, W. Va.). 1904.
 1909. Loudon County (see Yorktown area).
 1900. Louisa County (see Leesburg area).
 1901. Lunenburg County (see Prince Edward area).
 1902. Nansemond County (see Norfolk area).
 1903. Nonfolk area (parts of Nansemond, Norfolk, and Princess Anne Counties). 1904.
 1903. Norfolk County (see Norfolk area).
 1904. Norfolk area (parts of Nansemond, Norfolk, and Princess Anne Counties). 1904.
 1903. Norfolk County (see Norfolk area).
 1904. Nottoway County (see Albemarle area).
 1904. Nottoway County (see Norfolk area).
 1905. Notfolk area (parts of Nansemond, Norfolk, and Princess Anne Counties). 1904.
 1903. Norfolk County (see Norfolk area).
 1904. Nottoway County (see Albemarle area).
 1904. Nottoway County (see Norfolk area).
 1905. Princess Anne County (see Norfolk area).
 1904. Prince Edward County (see Norfolk area).
 1904. Prince Edward County (see Norfolk area).
 1904. Prince Edward area (parts of Amelia, Charlotte, Lunenburg, Nottaway, and Prince Edward Counties). 1903.
 1904. Prince Edward area (parts of Amelia, Charlotte, Lunenburg, Nottaway, and Prince Edward Counties). 1903.
 1904. Prince Edward area (parts of Amelia, Charlotte, Lunenburg, Nottaway, and Prince Edward Counties). 1903.
 1904. Roanoke County (see Yorktown area).
 1905. York County (see Yorktown area).
 1905. York County (see Yorktown area).
 1905. Yorktown area (all of Elizabeth City, Gloucester, James City, Warwick, and York Counties). 1906.

WASHINGTON

- WASHINGTON
 1907. Bellingham area (part of Whatcom County). 1909.
 1916. Benton County. 1919.
 1918. Chelan County (see Wenatchee area).
 1905. Everett area (part of Snohomish County). 1906.
 1914. Franklin County. 1917.
 1911. Grant County (see Quincy area).
 1912. Hood River-White Salmon River area, Oregon-Washington (parts of Hood River County, Oreg., and Klickitat and Skamania Counties, Wash.). 1914.
 1912. Klockitat County (see Hood River area).
 1913. Klickitat County (see Hood River area).
 1914. Quincy area (part of Grant County). 1913.
 1915. Snohomish County (see Everett area).
 1916. Snohomish County (see Everett area).
 1917. Spokane County. 1915.
 1902. Walla Walla area (part of Walla Walla County). 1903.
 1902. Walla Walla County (see Hoil County). 1922.
 1904. Watcom County (see Hall Walla County). 1903.
 1905. Watcom County (see Hall Walla County). 1903.
 1904. Yakima area (part of Yakima County). 1903.

Reconnaissance

- 1909. Puget Sound Basin, eastern part, Washington (parts of King, Pierce, Skagit, Snohomish, and Whatcom Counties). 1911.
 1910. Puget Sound Basin, western part, Washington (Island, Kitsap, San Juan, and Thurston Counties, and parts of Chehalis, Clallam, Jefferson, Mason, and Pierce Counties). 1912.
- 1911. Southwestern Washington (Clarke, Cowlitz, Pacific, and Wankiakum Counties, and parts of Lewis and Skamania Counties). 1913.

WEST VIRGINIA

- WEST YIRGINIA
 1917. Earbour and Upshur Counties. 1919.
 1918. Berkeley County (see Jefferson, Berkeley, and Morgan Counties).
 1918. Braxton and Clay Counties. 1920.
 1908. Brooke County (see Wheeling area).
 1919. Chell County (see Huntington area).
 1909. Calhoun County (see Spencer area).
 1900. Calhoun County (see Clarksburg area).
 1910. Clarksburg area (Hartison and Clay Counties). 1912.
 1913. Branco a County (see Clarksburg area).
 1914. Cales County (see Clarksburg area).
 1915. Gilmer County (see Clarksburg area).
 1916. Harrison County (see Clarksburg area).
 1917. Gilmer County (see Clarksburg area).
 1918. Hancock County (see Clarksburg area).
 1919. Harrison County (see Clarksburg area).
 1914. Hanrison County (see Clarksburg area).
 1915. Gilmer County (see Clarksburg area).
 1914. Harrison County (see Clarksburg area).
 1915. Hancock County (see Point Pleasant area).
 1914. Harrison County (see Jefferson, Berkeley, and Morgan Counties). 1918.
 1915. Lewis and Gilmer Counties. 1917.
 1916. Jefferson County (see Huntington area).
 1917. Lincoln County (see Morgantown area).
 1918. Andone County (see Morgantown area).
 1919. Maton County (see Morgantown area).
 1910. Maton County (see Morgantown area).
 1911. Maton County (see Logan and Mingo Counties). 1912.
 1913. Mingo County (see Jefferson, Berkeley, and Morgan Counties). 1913.
 1914. Monoral County (see Jefferson, Berkeley, and Morgan Counties). 1914.
 1915. Maton County (see Morgantown area).
 1916. Marshall County (see Morgantown area).
 1917. Maton County (see Jefferson, Berkeley, and Morgan Counties). 1912.
 1918. Midole County (see Jefferson, Berkeley, and Morgan Counties). 1914.
 1914. Monganla County (see Morgantown area).
 1915. Maton County (see Jeff

- 1908. Parkersburg area (Pleasants, Ritchie, and Wood Counties). 1909.
 1908. Pleasants County (see Parkersburg area).
 1910. Point Pleasant area (Jackson, Mason, and Putnam Counties). 1911.
 1912. Preston County. 1914.
 1910. Furnam County (see Point Pleasant area).
 1914. Raleigh County (see Parkersburg area).
 1908. Ricchie County (see Parkersburg area).
 1909. Roane County (see Parkersburg area).
 1909. Roane County (see Morgantown area).
 1911. Taylor County (see Middlebourne area).
 1905. Upshur County (see Middlebourne area).
 1906. Upshur County (see Huntington area).
 1918. Webster County (see Middlebourne area).
 1918. Webster County (see Middlebourne area).
 1910. Wetzel County (see Middlebourne area).
 1906. Wheeling area (Brooke, Hancock, and Ohio Counties, and part of Marshall County) (see Spencer area).
 1908. Wood County (see Parkersburg area).
 1909. Wood County (see Middlebourne area).
 1904. Wyoming County (see Middlebourne area).

WISCONSIN

| 1920. Adams County. 1924. | 1911. La Crosse County, 1913. | | | |
|--|---|--|--|--|
| 1910. Ashland County (see Bayfield area). | 1916. Milwaukee County. 1918. | | | |
| 1910. Bayfield area (parts of Bayfield and | 1903. Monroe County (see Viroqua area). | | | |
| Ashland Counties), 1912. | 1918. Outagamie County. 1921, | | | |
| | | | | |
| 1910. Bayfield County (see Bayfield area). | 1905. Portage County. 1906. | | | |
| 1913. Buffalo County. 1915. | 1915. Portage County. 1917. | | | |
| 1911. Columbia County. 1913. | 1906. Racine County. 1907. | | | |
| 1913. Dane County (see also Janesville | 1919. Racine County (see Kenosha and | | | |
| area). 1915. | Racine Counties). | | | |
| 1916, Door County. 1918. | 1917. Rock County (see also Janssville | | | |
| 1904. Douglas County (see Superior area, | area), 1920. | | | |
| Wisconsin, and Carlton area, | 1904. Superior area (parts of Douglas | | | |
| Minn). | County, Wis.; and St. Louis | | | |
| 1911, Fond du Lac County. 1913. | County, Minn.), 1905. | | | |
| 1910. Iowa County. 1912. | 1903. Vernon County (see Viroqua area). | | | |
| | | | | |
| 1918. Jackson County. 1922. | 1903. Viroqua area (parts of Monroe and | | | |
| 1902. Janesville area (parts of Dane and | Vernon Counties). 1904. | | | |
| Rock Counties). 1903. | 1919. Walworth County. 1924. | | | |
| 1912. Jefferson County. 1914. | 1910. Waukesha County. 1912. | | | |
| 1911. Juneau County. 1913. | 1917. Waupaca County. 1920. | | | |
| 1919, Kenosha and Racine Counties. | 1909, Waushara County, 1911. | | | |
| 1922. | 1915. Wood County. 1917. | | | |
| 1911. Kewaunee County, 1913. | | | | |
| - | | | | |
| Recannaissance | | | | |

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- 1909. Marinette County. 1911 1913. Northeastern Wisconsin (Florence, Forest, Langlade, Marinette, Oconto and
- 1915. Northeastern Wisconsin (Florence, Forest, Languade, Marinette, Oconto and Shawano Counties). 1915.
 1914. North part north-central Wisconsin (Iron, Oneida, Price and Vilas Counties, and parts of Ashland and Rusk Counties). 1916.
 1915. South part north-central Wisconsin (Clark, Lincoln, Marathon, and Taylor Counties). 1917.
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1903. Albany County (see Laramie area). 1917. Fort Laramie area (parts of Goshen County, Wyo., and Scotts Bluff County, Nebr.). 1921.

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UNITED STATES TREASURY DEPARTMENT AND DEPARTMENT OF AGRICULTURE

JOINT ORDERS

- Regulations governing the certification and disinfection of hides, fleshings, hide cuttings, parings and glue stock, sheepskins and goatskins and parts thereof, hair, wool, and other animal by-products, hay, straw, forage, or similar material offered for entry into the United States. Effective January 1, 1917. 1917.
 Regulations governing the sanitary handling and control of hides, fleshings, hide cuttings, parings, and glue stock, sheepskins and goatskins and parts thereof, hair, wool, and other animal by-products, hay, straw, forage or similar material offered for entry into the United States. Effective January 1, 1918.
 Regulations providing for the importation into the United States below the southern cattle-quarantine line of tick-infested cattle from Mexico, South and Central America, the islands of the Gulf of Mexico, and the Caribbean Sea. Effective on and after May 1, 1918.

THRIFT LEAFLETS, 1919

- Is thrift worth while, Mr. American?
 Seven steps toward saving.
 Wise spending saves clothing for the family.
 Saving time and money by simple house cleaning.
 Saving labor and materials by easier laundry methods.

- Saving labor and materials by easier laundry methods
 How to remove stains.
 Take care of your clothing.
 Saving materials and money by special cleaning.
 Thrift in lighting.
 Thrift in the choice, use, and care of kitchen utensils.
 Thrift in the use of fuel for cooking.
 Saving fuel in heating.
 Saving food by proper care.
 Inexpensive ways of keeping food cool.
 How shall we choose our food?
 The weekly market basket.
 Thrift on the farm.
 Business methods for the home.
 Teaching thrift to your children.
 Thrift standards for boys and girls.

UNNUMBERED PUBLICATIONS

Official register of the Department of Agriculture. 1901. Revised, 1903; 1905. Instructions to applicants for appointment to the position of mere unskilled laborer in the United States Department of Agriculture at Washington, D. C. 1902. Revised,

1904.

Regulations governing appointment to positions of mere unskilled labor, under the Depart-ment of Agriculture. Theodore Roosevelt and James Wilson. 1902. Report of the committee on efficiency and economy in the Department of Agriculture. 1911

Uncle Sam's cook book. (Contains 14 Farmers' Bulletins pertaining to cooking.) 1911.

Relation of the United States Department of Agriculture to the agricultural colleges and experiment stations. B. T. Galloway. (An address delivered at the meeting of the Association of American Agricultural Colleges and Experiment Stations, November 4, 1913.) 1913. 4, 1913.) 1913. Administrative regulations of the Department of Agriculture. Effective July 1, 1914.

1914.

Amendment No. 1. 1915. Revised 1918. See Advisory committee on finance and business methods, unnum-

Amendment No. 1. 1915. —Revised 1918. See Advisory committee on finance and business methods, unnum-bered publications. Atlas of United States Department of Agriculture. 16 maps. 1914. List of workers in subjects pertaining to agriculture and home economics in the United States Department of Agriculture and in the State agricultural colleges and experi-ment stations. Corrected to June 1, 1914. 1914. ——. Corrected to August 1, 1915. 1915. ——. Corrected to January, 1917. 1917. Later revisions with changes of title as follows:

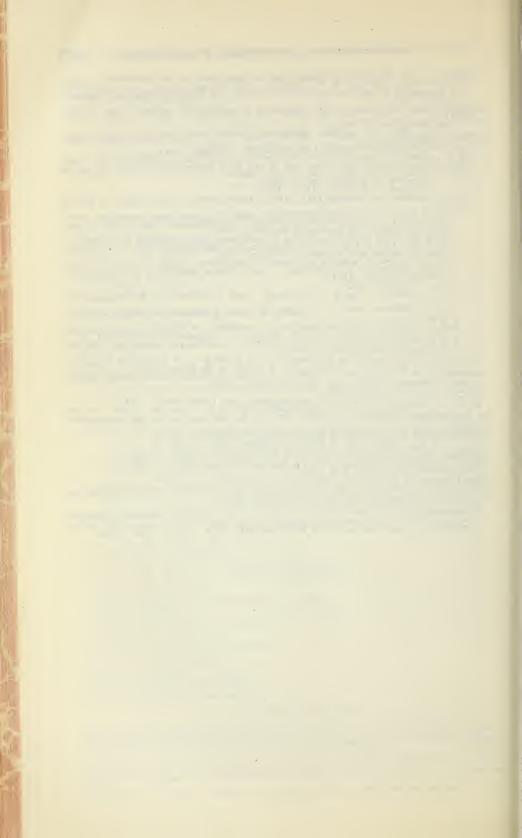
follows :

Hows: List of workers in subjects pertaining to agriculture and home economics. 1917– 1918. Part I. United States Department of Agriculture. Part II. State agri-cultural colleges and experiment stations. 1918. List of workers in subjects pertaining to agriculture, home economics, and marketing, 1918-19. Part I. United States Department of Agriculture. Part II. State agri-cultural colleges and experiment stations. 1919. List of workers in subjects pertaining to agriculture. 1920–21. Part I. United States Department of Agriculture. Part II. State agricultural colleges and ex-periment stations. 1921.

cular 4.

Cutat, 1923-24. Part I. Not published. Part II published as Miscellaneous Circular 17.
 List of workers in subjects pertaining to agriculture in State agricultural colleges and experiment stations, 1924-25. Published as Miscellaneous Circular 34.
 List of technical workers in the United States Department of Agriculture, 1924-25.
 Published as Miscellaneous Circular 45.
 Rules and regulations for the government of the watch force of the United States Department of Agriculture. Effective May 1, 1915. R. M. Reese. 1915.
 Proceedings of a conference to consider means for combating foot-and-mouth disease, held at Chicago, Ill., November 29 and 30, 1915. 1916.
 Back yard poultry leaftet. 1917.
 Planting zones for vegetables in the eastern half of the United States. 1917.
 Report of conferences on agricultural situation held at St. Louis, Mo., April 9-10, and at Berkeley, Calif., April 13, 1917. Frogram for food production and conservation. 1917.

1917. Explosives and fires in threshing machines can be prevented. 1918. It's easy to get Corn-belt eggs to market in prime condition. 1918. It's easy to get southern eggs to market in prime condition. 1918. It's easy to get southern eggs to market in prime condition. 1918. It's easy to get southern eggs to market in prime condition. 1918. It's easy to get southern eggs to market in prime condition. 1918. It's easy to get southern eggs to market in prime condition. 1918. The prevent grain dust explosions and fires. It is possible—necessary. 1918. Sirups and honey by parcel post. 1918. The President to the farmers of America. Woodrow Wilson. 1918. Memorandum: Prepared by the Agricultural Department and the Food Administration as to the wheat price guaranteed by Congress. 1919. Report of the agricultural commission to Europe. 1919. Warehousing farm products under the warehouse act. Pamphlet containing questions and answers about the storage of agricultural products in warehouses under Federal supervision as provided for in the warehouse act. 1923. Revised 1924; 1925.



PERIODICALS

DEPARTMENT

AGRICULTURAL OUTLOOK

Succeeds the Crop Reporter hereinafter described. Occasional pamphlets listed as farmers' bulletins. (First issue was Farmers' Bulletin 558, September, 1913.) Weather conditions during the past month with relation to crops; the condition of cereal crops; the outlook for such staples as potatoes, tobacco, apples, etc.; the meat situation and the outlook for its production, marketing and future supply, and various statistical tables. Succeeded by Monthly Crop Report, 1915, hereinafter described.

WEATHER, CROPS, AND MARKETS

Vol. 1, No. 1, to vol. 4, No. 26. January 7, 1922, to December 29, 1923. Weekly

Presents nearly the same kinds of material heretofore published in the Market Reporter, the National Weather and Crop Bulletin, and the Monthly Crop Reporter. Weekly and monthly reviews and statistical information relative to the principal markets for farm products, complete and detailed reports of the crop estimating service, and weekly summaries of weather and crop conditions. Also articles of general economic and statistical interest concerning leading agricultural products. Succeeded by—

CROPS AND MARKETS

Vol. 1, No. 1, to vol. 2, No. 26. January 5, 1924, to December 26, 1925. Weekly

Monthly Supplement. Vol. 1, No. 1, to vol. 2, No. 12. January, 1924, to December, 1925. Monthly

Statistics of crops and livestock and market information. Reports on supplies, stocks, commercial movements, condition and prices of agricultural products covered in the work of marketing and crop estimating, and studies of prices and demand, both foreign and domestic.

Monthly crop reports and other monthly statistical summaries published in the monthly statistical supplement.

DEPARTMENTAL CIRCULAR

Vol. 1, Nos. 1-8. May 10, 1915, to December 10, 1915. Monthly

A convenient means of intercommunication of official information among the personnel of the department. Published exclusively for the use of the personnel. Discontinued 1915. Information of similar nature later contained in the Official Record, hereinafter described.

JOURNAL OF AGRICULTURAL RESEARCH

Vol. 1, No. 1, to vol. 31, No. 12, October, 1913, to December 15, 1925

Vol. 1, No. 1, to vol. 4, No. 6. October, 1913, to September 15, 1915. Monthly.
Vol. 5, No. 1, to vol. 16, No. 12. October 4, 1915, to March 24, 1919. Weekly.
Vol. 17, Nos. 1 to 6. April 15, 1919, to September 15, 1919. Monthly.
Vol. 18, No. 1, to vol. 21, No. 11. October 1, 1919, to September 1, 1921. Semimonthly.
Vol. 22, Nos. 1 to 10. October 1, 1921, to December 3, 1921. Weekly.

Publication was temporarily suspended with vol. 22, No. 10, and no parts were issued for 1922.

Vol. 23, No. 1, to vol. 28, No. 12. January 6, 1923, to June 21, 1924.
Weekly.
Vol. 29, No. 1, to vol. 31, No. 12. July 1, 1924, to December 15, 1925.
Semimonthly.

Articles based on technical research carried on by the United States Department of Agriculture and the State agricultural experiment stations, or both cooperatively.

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WEEKLY NEWS LETTER TO CROP CORRESPONDENTS

Vol. 1, No. 1, to vol. 2, No. 35. August 13, 1913, to April 7, 1915. Weekly

News of the important current activities of the department and practical directions for the improvement of farm practice. Information for reprinting in newspapers and agricultural journals. Succeeded by—

WEEKLY NEWS LETTER

Vol. 2, No. 36, to vol. 9, No. 19. April 14, 1915, to December 7, 1921. Weekly

Slight change in character. Chronicle of the major aims and activities of the department. Matter relative to general policy, program, and progress of work on projects. nouncements of important changes in policy or organization. Succeeded by-

THE OFFICIAL RECORD

Vol. 1, No. 1, to vol. 4, No. 52. January 4, 1922, to December 30, 1925. Weekly

A means of communicating t_0 workers and cooperators of the department official statements and other information necessary to the performance of their duties.

BUREAUS

CROP ESTIMATES

MONTHLY CROP REPORT

Vol. 1, No. 1, to vol. 5, No. 1. May 10, 1915, to January, 1919

Succeeds Agricultural Outlook hereinbefore described. Data relating to agriculture, including estimates of acreage, condition, yield, production, prices, and value of crops and livestock, in the form of tabular statements, and such text summaries and comments as are necessary to interpret the same. Succeeded by—

MONTHLY CROP REPORTER

Vol. 5, No. 2, to vol. 7, No. 12. February, 1919, to December, 1921

No change in character. Succeeded by Weather, Crops, and Markets hereinbefore described.

EXPERIMENT STATIONS

EXPERIMENT STATION RECORD

Vol. 13, No. 1, to vol. 53, No. 9. 1901-1925 General Index, vols. 1-12. 1889-1901. 1903 General Index, vols. 13-25. 1901-1911. 1913

Vols. 13 to 20, 12 numbers each. No. 12 contains index. 1901 to June,

1909. One volume a year. Vols. 21 to 24, 8 numbers each, and index. July, 1909, to June, 1911. Two volumes a year. Vols. 25 to 53, 9 numbers each, and index. July 1911, to December, 1925.

Two volumes a year.

Abstracts and reviews of the world's scientific literature pertaining to agriculture. Each volume contains about 3.500 abstracts of current research in the various fields of agriculture, together with brief notes on the progress of agricultural education and re-search and monthly editorials dealing with some phase of its advancement.

FOREST SERVICE

FIELD PROGRAM

August, 1904 to July, 1920

August, 1904, to June, 1910. Monthly. (None issued January to June, 1905.) July, 1910, to July, 1920. Quarterly.

Schedule of field work and assignments in the Forest Service. Information concerning changes of projects and addresses of personnel. Name changed to-

SERVICE DIRECTORY

October, 1920, to April, 1922. Semiannual

No change in character. Name changed to-

FOREST SERVICE DIRECTORY

October, 1922, to April, 1924. Semiannual

No change in character. Name changed to-

DIRECTORY

October, 1924, to October, 1925. Semiannual

PERIODICALS

FOREST SERVICE-continued

WHOLESALE PRICES OF LUMBER

May, 1908, to September, 1908. Monthly

Price lists of hard and soft woods. Name changed to-

RECORD OF WHOLESALE PRICES OF LUMBER (PER M. FT., B. M.) BASED ON ACTUAL SALES MADE F, O. B. EACH MARKET

October, 1908, to September, 1912

October, 1908, to September, 1909. Lists A and B. Monthly, October, 1909, to September, 1912. List A only. Quarterly, Monthly.

Change in size from large sheets to cards.

LIBRARY

MONTHLY BULLETIN

Vol. 1, No. 1, to vol. 4, No. 6. January, 1910, to June, 1913. Monthly

Contains the list of accessions to the library formerly issued quarterly in its series of bulletins.

MARKETS

FOOD SURVEYS

Vol. 1, No. 1, to vol. 2, No. 27. April 29, 1918, to June 27, 1919. Monthly and special issues

Results of surveys made under the food surveys project. Such information concerning food and food materials as seemed necessary or desirable for the guidance of governmental agencies and the public in making plans for increasing production, for promoting efficient distribution, and for directing conservation and utilization of foods. Discontinued in 1919. In 1920 merged with Food Surveys to form—

MARKET REPORTER

Vol. 1, No. 1, to vol. 4, No. 27. January 8, 1920, to December 31, 1921. Weekly

A merger of Seed Reporter and Food Surveys and information previously issued in mimeographed form. Marketing information of general interest and of permanent value on livestock, dairy products, cotton, grains, fruits, vegetables and other important agricul-tural products, both staple and perishable. Leading articles, comprehensive weekly and monthly summaries of movement, marketing, and prices of specified commodities, and tabulated statistics with interpretative text. Succeeded by Weather, Crops, and Markets hereinbefore described.

PLANT INDUSTRY

SEED REPORTER

Vol. 1, No. 1, to vol. 3, No. 4. November, 1917, to October 11, 1919. Monthly

Vol. 1, No. 1-9. November, 1917, to June 8, 1918. Vol. 2, No. 1-12. July 6, 1918, to June 7, 1919. Vol. 3, No. 1-4. July 12, 1919, to October 11, 1919.

Official organ of the seed-reporting service, which was a war emergency service, con-ducted under the food production act. Such information concerning seeds as was necessary or desirable for the guidance of governmental agencies and the public in making plans for increasing production, for promoting efficient distribution, and for directing conservation and utilization. Discontinued in 1919. In 1920 merged with Food Surveys to form the Market Reporter, hereinbefore described.

PUBLIC ROADS

PUBLIC ROADS (MAGAZINE)

Vol. 1, No. 1, to vol. 4, No. 8. May, 1918, to December, 1921. Monthly

(None issued 1922 and 1923.)

Vol. 5, No. 1, to vol. 6, No. 10. March, 1924, to December, 1925. Monthly

Results of investigations relating to the physical and economic problems of highway research and road building conducted by the Bureau of Public Roads and contributors outside of the bureau, together with other data of general interest in road engineering and construction.

180 MISCELLANEOUS PUBLICATION 9, U. S. DEPT. OF AGRICULTURE

PUBLICATIONS

MONTHLY LIST OF PUBLICATIONS

July, 1901, to October, 1923. Monthly

Descriptive list of new publications of the department, including periodicals and other serials, available for purchase and for free distribution. Succeeded by-

PUBLICATIONS ISSUED

(Postal cards)

November, 1923, to March, 1924. Monthly.

Changes in character were omission of serials and description of bulletins. Succeeded by unnumbered cards-no title.

April, 1924, to September, 1925. Monthly

Only 11 of these cards were issued. Succeeded by-

NEW PUBLICATIONS

Nos. 12 to 14. October, 1925, to December, 1925. Monthly

STATISTICS

CROP REPORTER

Vol. 3, No. 3, to vol. 15, No. 6. July, 1901, to June, 1913. Monthly

Directions for crop correspondents. Information concerning acreage, growing conditions, production and quality expressed in percentages, weather and crop conditions, and estimates of the crops on hand. Special articles on agricultural products, both foreign and domestic. Succeeded by Agricultural Outlook hereinbefore described.

WEATHER BUREAU

CIRCULAR

January 2, 1901, to December 1, 1909. Monthly

Information relative to changes in personnel. Lists employees, stations where on duty and data concerning appointments, promotions, reductions, transfers, and other personnel information. Name changed to—

MONTHLY LIST OF CHANGES IN PERSONNEL

January 3, 1910, to June, 1915. Monthly

No change in character. Succeeded by-

WEATHER BUREAU TOPICS AND PERSONNEL

July, 1915, to December, 1925. Monthly

A combination of Monthly List of Changes in Personnel and Roster hereinafter described. Slight change in character with addition of notices, announcements, and information for use of employees.

CLIMATE AND CROP BULLETIN

1901, No. 1, to 1904, No. 23. February 1, 1901, to August 23, 1904

1901, No. 1, to 1903, No. 3. February 1, 1901, to April 1, 1903. Monthly. 1903, No. 4, to 1904, No. 23. April 8, 1903, to August 23, 1904. Weekly.

Maximum and minimum temperatures, normal temperature and precipitation, with departures therefrom, expressed in tables and maps, and explained by text. Succeeded by-

WEATHER CROP BULLETIN

1904, No. 24, to 1906, No. 1. August 29, 1904, to February 1, 1906

April to October, weekly; November to March, monthly

No change in character. Succeeded by--

NATIONAL WEATHER BULLETIN

1906, No. 2, to 1914, No. 15. February 8, 1906, to June 29, 1914

April to October, weekly; November to March, monthly

No change in character. Succeeded by-

WEATHER BUREAU-continued

NATIONAL WEATHER AND CROP BULLETIN

1914, No. 16, to 1921, No. 49. July 6, 1914, to December, 1921

April to October, weekly; November to March, monthly

In 1919, No. 37, the Snow and Ice Bulletin was combined with this and during winter months the title reads: National Weather and Crop and Snow and Ice Bulletin (hereinafter referred to). Beginning with 1922, this publication combined with Market Reporter and Crop Reporter to form—Weather, Crops, and Markets hereinbefore described. This, in turn, was succeeded by—

WEEKLY WEATHER AND CROP BULLETIN

1924. No. 1. to 1925. No. 52. January, 1924. to December 29, 1925. Weekly

Detailed weather conditions of the preceding week and their effect on the development of crops and farm operations; the variation of temperature and rainfall from a normal week, the total rainfall for the season in comparison with the normal, also the amount of sunshine and cloudiness.

CLIMATE AND CROP SERVICE

January, 1901, to December, 1905. Monthly

General summary of the weather by months and complete weather statistics from 42 separate sections corresponding, as a rule, to a State. Tables show killing frosts, precipitation, sunshine, relative humidity, and average hourly wind velocity. Succeeded by—

CLIMATOLOGICAL SERVICE REPORT

January, 1906, to June, 1909. Monthly

No change in character. No reports published July, 1909, to December, 1913. Information contained in Monthly Weather Review for those dates and also reprinted in report of the district concerned. Ceased publication June, 1909. Later succeeded by—

CLIMATOLOGICAL DATA

January, 1914, to December, 1925. Monthly

No change in character from earlier climatological reports.

COTTON REGION CLIMATE AND CROP BULLETIN

April, 1902, to October, 1904. Weekly

Information on weather conditions and summary of weather and crop conditions in the cotton region, issued during the cotton planting and crop season, April through October. Published at New Orleans, La. Name changed to—

COTTON REGION WEATHER-CROP BULLETIN

May, 1905, to October, 1905. Weekly

No change in character. Name changed to-

WEEKLY COTTON REGION WEATHER BULLETIN

April, 1906, to October, 1916. Weekly

No change in character. Name changed to-

.WEEKLY COTTON REGION BULLETIN

April, 1917, to October, 1925. Weekly

FORECAST FOR THE WEEK BEGINNING . .

December 7, 1913, to October 11, 1914; April 15, 1915, to October 26, 1915; March 18, 1916, to September 20, 1921. Weekly

Brief, general forecast of temperature and rain conditions covering a week, for each of eight main sections into which the United States is divided. Name changed to-

WEATHER OUTLOOK

September 27, 1921, to December 19, 1925. Weekly

No change in character,

WEATHER BUREAU-continued

METEOROLOGICAL CHART OF THE GREAT LAKES

1901, No. 1, to 1907, No. 1. Semiannual

Two numbers a year, the second one being a summary for the season. Publication suspended until-

January, 1911, to September, 1913. Monthly

Average conditions of wind and weather over the Great Lakes during the month, Addresses of branch Weather Bureau offices on the Lakes, character of weather, storm tracks, and interpretation of symbols used. Ceased publication September, 1913.

MONTHLY WEATHER REVIEW

Vol. 29, No. 7, to vol. 53, No. 12. July, 1901, to December, 1925. Monthly

Contributions from the research staff of the Weather Bureau and special contributions of a general character on meteorology and climatology; also climatological data for Weather Bureau stations.

MOUNT WEATHER OBSEVATORY BULLETIN

Vol. 1, pt. 1, to vol. 6, pt. 5. 1908-1914. Quarterly

Detailed accounts of researches into the fundamental principals that underlie meteorological science, conducted at Mount Weather, Va. Discontinued 1914. Later contributions from members of the staff of the observatory are published in the Monthly Weather Review and in supplements to it.

SNOW AND ICE BULLETIN

December 2, 1901, to March 25, 1919. Weekly, December to April

A synopsis of snow fall and of ice formation in the United States, showing areas covered by snow, depth of snow, thickness of ice in rivers and harbors, etc. Succeeded by—

· NATIONAL WEATHER AND CROP AND SNOW AND ICE BULLETIN

December, 1919, to December, 1921. Monthly

A combination of Snow and Ice Bulletin and National Weather and Crop Bulletin, hereinbefore described.

ROSTER OF STATION OFFICIALS AND EMPLOYEES OF THE WEATHER BUREAU

July 1, 1901, to July, 1910. Monthly

Ceased publication in 1910. Information of similar nature later contained in Weather Bureau Topics and Personnel, hereinbefore described.

WEATHER MAPS (FIRST EDITION)

1901 to 1925. Daily except Sunday

Isobaric and isothermic conditions of the previous day based on reports from 65 stations throughout the country. Published at these stations and at Washington, D. C. Description of the weather conditions of the previous day and a general forecast. Specific forecast until 8 p. m. the following day for the districts in each section covered by a map.

WEATHER MAPS (SECOND EDITION)

1901 to 1925. Daily

Isobaric and isothermic conditions of the previous day and general forecasts for all parts of the country. Published only at Washington, D. C.

WEEKLY CORN AND WHEAT REGION BULLETIN

1920, No. 1, to 1925, No. 22. April 13, 1920, to September 15, 1925. Weekly, April to October

Weather conditions, general summary of weather and crop conditions (issued from Washington, D. C.) and special telegraphic reports. Maps show departure of mean temperature from the normal for the past week, and the amount of rainfall.

