

THE AMERICAN FORESTRY ASSOCIATION.

THE principal summer meeting of the American Forestry Association for 1901 will be held at Denver, Colorado, Tuesday, Wednesday and Thursday, August 27-29, in affiliation with the American Association for the Advancement of Science, as we learn from the *Forester*, the official journal of the Association.

There will be two sessions daily, at 10 a. m. and 2:30 p. m., which will be held in the Denver High School building, and, in addition, an open evening meeting, in the Central Presbyterian Church, Wednesday, August 28, at 8 p. m. At the latter meeting there will be short addresses by Hon. Thomas M. Patterson, Hon. Thomas F. Walsh, Hon. Platt Rogers, and others, followed by an illustrated lecture by Mr. Gifford Pinchot, Forester of the United States Department of Agriculture, entitled 'The Government and the Forest Reserves.' This meeting will be a distinctively Western one, and its proceedings of special interest to all concerned with the forest problems before the Western States—fires, grazing, relation of forests to water supply, etc.

The address of welcome at the opening session, Tuesday, August 27, 10:30 a. m., will be delivered by Hon. Thomas M. Patterson, United States Senate. It is expected that the President of the Association, Hon. James Wilson, Secretary of Agriculture, will attend the meeting, and preside at one or more sessions.

A partial list of speakers at the meeting, and their subjects, follows:

Mr. A. L. Fellows, Denver, Col., 'The Hydrography of Colorado'; Mr. Geo. B. Sudworth, Chief of Division of Forest Investigation, Bureau of Forestry, Washington, D. C., 'Forests and their Relation to Agriculture and Manufacturing Industries'; Mr. S. J. Holsinger, Phoenix, Arizona, 'The Boundary Line between the Forest and the Desert'; Professor R. H. Forbes, Tucson, Arizona, 'The Open Range and the Irrigation Farmer'; Mr. R. L. Fulton, Reno, Nevada, 'The Reclamation of the Arid Region'; Mr. William L. Hall, Superintendent of Tree Planting, Bureau of Forestry, Washington, D. C., 'Progress in Tree Planting'; Professor A. J. McClatchie, Phoenix, Arizona, 'The Eucalypts as American Forest

Trees'; Mr. T. P. Lukens, Pasadena, California, 'The Reforestation of Watersheds'; Professor L. H. Pammel, Ames, Iowa, 'Some Phases of the Growth of the Cultivated Trees in Iowa'; Mr. F. H. Newell, Hydrographer, U. S. Geological Survey, Washington, D. C., 'Forests as Reservoirs'; Mr. Gifford Pinchot, Forester, Washington D. C., 'Grazing in the Forest Reserves.' Other speakers are: Professor William R. Dudley, Stanford University, California; Mr. William H. Knight, Los Angeles, California; Mr. George H. Maxwell, Chicago; Edward M. Griffith, Bureau of Forestry, Washington, D. C.

THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE.

FOR the benefit of members who will attend the Denver meeting of the Association beginning on August 24, we reproduce the arrangements made with the railways:

The Western Passenger Association, covering the territory west of Chicago and St. Louis, has made a rate of one fare plus \$2 for the round trip, from all points in their territory to Denver, tickets to be sold July 10 to August 31, with final return limit of October 31.

The New England, Trunk Line, Central and Southeastern Passenger Associations, covering the territory east of Chicago and St. Louis, have made a rate of a fare and one-third for the round trip from all points in their territory to Denver, on the certificate plan, the conditions of which are as follows:

1. Each person desiring to avail himself of the reduced rate must purchase a first class ticket (either limited or unlimited) to the place of meeting, at the regular tariff rate and at the same time procure from the ticket agent a certificate of the standard form. If through ticket cannot be procured at the starting point, the person should purchase to the most convenient point at which such ticket can be obtained and there repurchase through to the place of meeting, *procuring a standard certificate from each agent from whom a ticket is purchased.*

2. *It is absolutely necessary that certificates be procured, indicating that the full fare has been paid for going passage and the route for which*

ticket or tickets for the return journey should be sold. No refund of fare can be expected because of failure to secure such certificates.

3. Tickets for the return journey will be sold at one-third the first-class tariff fare only to persons holding certificates of the standard form duly signed by the Permanent Secretary of the A. A. A. S., and signed by the special agent appointed for that purpose.

4. No certificate will be honored that was procured more than three days (Sunday not included) before the meeting assembles (except that when meetings are held at distant points to which the authorized transit limit is more than three days, the authorized transit limit will govern), nor more than two days (Sunday not included) after the first day of the meeting. No certificate will be honored for return ticket unless presented during the time that the meeting is in session, or within three days (Sunday not included) after adjournment.

5. Tickets for return journey will be limited to continuous passage on first train after purchase.

6. Certificates will not be honored by conductors; they must be presented to ticket agents.

7. Neither the certificates nor tickets furnished for this occasion are transferable, and if presented by any other person than the original purchaser, they will not be honored but will be forfeited.

Members desiring longer time than that allowed in connection with certificate reduction, viz., 3 days before the meeting assembles to 3 days after adjournment (Sunday not included), are advised to take advantage of the Colorado tourist fares or summer excursions, which, while costing a little more than the fare and one third, are good from July 10 to October 31.

If a sufficient number of passengers can be guaranteed, arrangements can be made for through Pullman service, to connect at Chicago or St. Louis, so that members from different sections of the country can make the trip to Denver together. The Permanent Secretary therefore invites all members who plan to attend the meeting and who wish to take advantage of this through Pullman service to

communicate with him at once, stating the name of the road over which they intend to travel and the date of their departure. If a sufficient number of replies are received, the arrangement will be made and members notified.

SCIENTIFIC NOTES AND NEWS.

THE Smithsonian Institution, having provisionally undertaken to represent the 'International Catalogue of Scientific Literature' in the United States, begs to bring this fact to the attention of men of science in the United States, and to request them to furnish the Institution with copies of all their writings which appear in separate form. It is intended to index all original scientific matter published since January 1, 1901.

THE position of State Geologist of New Jersey, vacant by the resignation of Mr. John P. Smock, has been offered to Professor I. C. Russell, of the University of Michigan. Professor Russell agreed to accept the office a year hence, and the board of managers has not yet decided whether to wait. In the meanwhile Dr. H. B. Kümmel is acting geologist.

PROFESSOR H. C. BEELER has been appointed state geologist of Wyoming.

PROFESSOR GEORGE E. HALE, director of the Yerkes Observatory, has been elected a foreign member of the Società degli Spettroscopisti Italiani.

THE Paris Academy of Sciences has elected M. Maupas, of Algiers, a corresponding member in the section of anatomy and zoology.

WE learn from *Nature* that Professor A. W. Rücker will resign the secretaryship of the Royal Society in consequence of his appointment as principal of the University of London.

PROFESSOR PASQUALE VILLERI has been elected president of the Reale Accademia dei Lincei, of Rome.

PROFESSOR E. B. POULTON, of Oxford University, will give one of the lectures at the Fifth International Congress of Zoology which meets next week at Berlin. His subject is 'Mimicry and Natural Selection.'

PROFESSOR WILLIAM B. SCOTT, of Princeton University, has arrived in La Plata, Argentina,