

folia (?) (L.) D. C.; *Raphanus raphanistrum*, L.; *Raphanus sativus*, L.

Capparideae.—*Cleome integrifolia*, Torr. and Gray.

Violariaceae.—*Viola tricolor*, L.

Caryophyllaceae.—*Saponaria officinalis*, L.; *Saponaria vaccaria*, L.; *Silene antirrhina*, L.; *Silene noctiflora*, L.; *Lychnis alba*, Mill; *Agrostemma githago*, L.; *Cerastium arvense*, L.; *Stellaria media*, (L.) Smith; *Spergula arvensis*, L.

Geraniaceae.—*Geranium pusillum*, L.; *Erodium cicutarium*, (L.) L'Her.

Leguminosae.—*Vicia sativa*, (L.) Koch.

Umbelliferae.—*Carum carui*, L.; *Coriandrium sativum*, L.; *Daucus carota*, L.

Rubiaceae.—*Galium* sp. ?; *Galium tricornis*, With.; *Galium verum*, L.

Compositae.—*Anthemis cotula*, L.; *Achillea millefolium*, L.; *Carduus nutans*, L.; *Centaurea cyanus*, L.; *Taraxacum officinale*, Web.; *Sonchus arvensis*, L.; *Sonchus asper*, Vill; *Sonchus oleraceus*, L.

Borraginaceae.—*Lithospermum arvense*, L.

Plantaginaceae.—*Plantago lanceolata*, L.

Polygonaceae.—*Rumex crispus*, L.; *Rumex acetosella*, L.; *Rumex acetosa*, L.

Gramineae.—*Panicum crus galli*, L.; *Panicum glabrum*, (Schrad.) Gaud; *Panicum sanguinale*, L.; *Avena fatua*, L.; *Eragrostis*, major, Host; *Eragrostis pilosa*, (L.) Beauv; *Bromus mollis*, L.

It is interesting to note the spread of weeds in a new State. *Saponaria vaccaria* is found along the railroads, together with *Anthemis cotula*, over the whole of eastern South Dakota. The former has even followed up the freighting trails over the range between Pierre and the Black Hills, where it is quite common, particularly at watering and camping places. Man is evidently the one who is responsible for the distribution of this weed.

PERIODICAL CICADA.

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DURING the present year two broods of the Periodical Cicada, or so-called "Seventeen-year Locust" (*Cicada septendecim* L.), one of the seventeen-year (*septendecim*) race, and one of the thirteen-year (*tredecim*) race, will make their appearance in different parts of the country.

The following list of localities has been prepared from previous records. Any evidence giving the extent of territory over which they appear in any county or state, or any well-attested dates of their appearance in previous years, will be thankfully received and appreciated.

BROOD XVI.—*Tredecim*—(1880, 1893.) Alabama—Lowndes County. Georgia—Cobb and Chefokee Counties. Tennessee—Lincoln County. North Carolina—Lincoln and Moore Counties. This brood is but little known, and all localities require further confirmation this year.

BROOD XI.—*Septendecim*—(1876, 1893). North Carolina—From Raleigh, Wake County, to the northern line of the State; also in the counties of Rowan, Davie, Cabarrus and Iredell. Virginia—From Petersburg, Dinwiddie County, to the northern line of the State; Bedford and Rockbridge Counties; Valley of Virginia, from the Potomac River to the Tennessee and North Carolina lines. District of Columbia—Woods north of Washington. Maryland—Southern half of St. Mary's County. Kentucky—Trimble County. Indiana—Knox, Sullivan and Posey Counties. Illinois—Madison County. Kansas—Dickinson and Leavenworth Counties. Colorado—Cheyenne Canyon. This is a well-established brood, most of

the localities in the Eastern States, as well as those in Indiana and Illinois, having been verified in past years; but the localities in Kentucky and Kansas require confirmation, and that in Colorado is extremely doubtful.

NOTES AND NEWS.

In this age of rapid advancement in all lines of knowledge, especially in science, people have learned that combined organized labor accomplishes far more exact results than individual effort. Every department of science has its organization for the promotion of that science. Such an organization is the Wilson Ornithological chapter of the Agassiz Association, for the promotion of American ornithology. It is composed of active, associate and honorary members. It is in no respect a rival of the American Ornithologists' Union, but has its work conducted on a coöperative plan, and therefore necessarily largely systematic. While furnishing the more advanced with ample material for work, it also offers such opportunities to the younger and less experienced as are best suited to their needs. It seeks to educate those just beginning and those pursuing a dilatory course into the highest usefulness as working ornithologists. Active members pay an initiation fee and a yearly assessment of \$1.00, and are limited to 100 in number. This number is now nearly reached. Associate members pay a yearly assessment of 50 cents and are unlimited in number. All working ornithologists are invited to join and aid in the work. Applications for membership should reach the President or Secretary before Sept. 20, to insure insertion in the list of candidates for the October election. Address either Willard N. Clute, Sec., Binghamp, N. Y., or Lynds Jones, Oberlin, Ohio.

—William Beverley Harison published on the 15th "The Foreigner's Manual of English." This is prepared for use in mixed classes of foreigners, and can be used without any knowledge of the several languages, as English only is used throughout. It has been carefully corrected to embody all of the suggestions of Gouin, whose book appeared after completion of first MS., and during revision the MS. has been successfully used in teaching Chinese, Polish Jews and others absolutely ignorant of both written or spoken English. The lessons are arranged to give in each a concrete subject, and a useful vocabulary is given to enable the student to talk from the beginning.

—The Chain Hardy & Company, Denver, Colo., have just ready the revised and enlarged edition of the "Geology of Colorado and Western Ore Deposits." This work of Professor Lakes, of the State School of Mines, has already run through one edition as applied to Colorado. Now that the Western States have been included the sale is expected to be quite extended. The plates illustrating the geological formations are very elaborate, and illustrate the peculiarities of veins and ore deposits. The book is designed for a text-book, and is also adapted for general reading by those interested in mining.

—Rand, McNally & Co. have in preparation the Proceedings of the Bankers' and Financiers' Congress held in Chicago from June 19 to 24.

—The Scientific Publishing Co. have just ready a work on "Universal Bimetallism and an international monetary clearing house, together with a record of the world's money statistics of gold and silver," etc., by Richard P. Rothwell, editor of the *Engineering and Mining Journal*.

—Macmillan & Co. have just ready "A Treatise on the Theory of Functions," by Prof. James Harkness, of Bryn Mawr College.