

before this hour, especially Jupiter, Saturn, Vega, and Arcturus. At the beginning of the session, Jupiter will set soon after 9, and an hour earlier at the end. Saturn will be up until midnight all through. The only other evening planet at this time is Uranus. He and Saturn are in the same constellation, Libra, Saturn being at the west side of the quadrilateral which is formed by the four chief stars, and Uranus between the two on the east side. In the middle of June he was very close to one of a pair of small stars in that quarter, so close on the 16th and 17th that the two objects seemed one to the naked eye, and in a field glass looked like a lovely little double star. He has now moved off to the right a little, and will continue doing so until the end of July. Saturn's motion is the same until July 16th, and then he stops and turns back.

Of the other planets it has already been mentioned, that Venus is invisible because she is in conjunction with the sun. Mercury, Mars and Neptune are morning stars. Neptune is impossible at all times to the naked eye, and just at present is not worth searching for with a glass. Mars is easy enough and quite conspicuous among the stars of Aries in the early morning, but by and by he will be much brighter and can be seen before midnight. He will be in opposition in December and five times as bright as he is now. When the Summer School met in St. John in 1892, he was in opposition and was thirteen times as bright as now.

Mercury will be well worth turning out in the morning to see, especially between the 10th and the 20th. On the 10th, 3.45 to 4.15 a. m. will be a good time; on the 20th, 4.15 to 4.30.

There is little room left to speak of the stars and constellations that may be seen between nine and ten in the evening. About all that can be done is to give a list of the principal objects that should be, and that should not be, looked for. Don't ask to be shown Orion, or the Pleiades, or the Twins, or the Dog Star. But, if you are not already acquainted with the following, do get someone to point them out to you—Arcturus, Vega, Altair, Antares, Spica, and the North Star; the Dippers, the Cross, Crown, the Chair, the Handkerchief, the Kite, Job's Coffin, Berenice's Hair, etc.; Virgo, Libra, Scorpio, Sagittarius, Capricornus, Aquarius, Pegasus, Andromeda, Hercules, Lyra, Cygnus, Aquila, etc., etc.

A. CAMERON.

Yarmouth, N. S., June 25, 1893.

#### BOOK REVIEWS.

COWPER'S SHORTER POEMS, edited with introduction and notes by W. T. Webb, M. A. Pages 147, price 2s. ed. Publishers Macmillan & Co., London and New York. All the best of Cowper's poems are included in this neat little volume, which may be used for the class room.

CHOSEN ENGLISH, by A. Ellis, B. A. Pages 205, price 2s. ed. Publishers Macmillan & Co., London and New York. This little volume contains selections from Wordsworth, Byron, Shelley, Lamb, and Scott, with brief but excellent biographies of these standard authors. The selections appear to be well chosen, and are accompanied with notes.

ELEMENTARY GERMAN READER, by O. B. Super. Pages 134, price 45 cents. Publishers Ginn & Co., Boston. This seems a very excellent little book for beginners in German. It contains many passages of very easy reading chosen for their simplicity, is intended for schools and private students, and is accompanied with notes and a vocabulary.

*The Atlantic Monthly*, in the course of its correspondence with representative successful public school teachers and superintendents, had the happy thought to ask a selected group of them to write out their professional autobiographies. Half a dozen of these "confessions" appear in the July *Atlantic*.

#### EDUCATION DEPARTMENT.

Teachers who propose to attend the Provincial Institute to be held at the Normal School, Fredericton, beginning on Monday, June 25th, will close their schools for the term on Friday the 29th inst. The last teaching day of the term for teachers who do not attend the sessions of the Provincial Institute will be Tuesday, June 30th.

The first teaching day of the next term will be Wednesday, the 12th day of August, except in cities, incorporated towns, and other districts authorized to have a vacation of eight weeks, in which the first teaching day of the next term will be Wednesday, August 29th.

#### CHANGE OF TEXT BOOK.

At the beginning of the next Term in August, Kennedy and O'Hearn's Common School Arithmetic, Part I will supersede Hall's Elementary Arithmetic in the hands of pupils of Grade III and IV. Hall's Elementary Arithmetic will continue to be used until further notice in Grades V to VI.

Educational Office,  
June 15th, 1893.

J. R. INCH,  
Chief Supt. of Education

## McGILL UNIVERSITY, MONTREAL, FACULTY OF ARTS.

EXHIBITIONS AND SCHOLARSHIPS OFFERED FOR COMPETITION AT THE OPENING OF THE SESSION, SEPTEMBER, 1893.

N. B.—*Three of the exhibitions are open to women, two of those to women alone, either in the First or Second Year. For Special Regulations see Calendar 1893, page 25.*

To Students entering the First Year, two Exhibitions of \$125, one of \$120, one of \$100 and one of \$40. Subjects of Examination—GREEK, LATIN, MATHEMATICS, EUCLID ALGEBRA, TRIGONOMETRY, ENGLISH LITERATURE, CHEMISTRY, FRENCH, OR INSTEAD OF FRENCH, GERMAN.

To Students entering the Third Year, two Scholarships of \$125, one of \$120, and one of \$100. One of these is offered in Mathematics and Logic, one in Natural Science and Logic, and two in Classics and Modern Languages.

Subjects.—As stated in Calendar of 1893 (p. 25).

Copies of the Circular giving full particulars of subjects required and the Calendar for the Session 1893-94 containing information respecting conditions of entrance, course of study, degrees, etc. in the several faculties and departments of the university, as follows: Faculty of Law, Faculty of Medicine, Faculty of Arts or Academic Faculty, including the Donation Special Course for Women; Faculty of Applied Science, including Departments of Civil Engineering, Mechanical Engineering, Mining Engineering, Electrical Engineering, and Practical Chemistry; Faculty of Comparative Medicine and Veterinary Science may be obtained at application to the appropriate department.

Address: McGill College, Montreal

J. W. BRAKENRIDGE, B. C. L., Registrar, Bursar, Acting Secretary.