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In Charge of This Issue F. A. Barrett
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Thursday, December 28, 1922

ARTS AND SCIENCES

There is a very widespread feeling today, even among university students, that there is something antagonistic between the arts and the sciences. Practical people, business men, engineers, and other such who are engaged in scientific industries, are inclined to scoff at the older humanistic education as a branch of antique erudition out of touch with the realities of modern life.

This, however, is not the case. A closer view, and more profound reflection show that the object of these apparently divergent educational systems is one and the same, namely, to fulfil each its own part in the great task of finding out what is truth, and utilizing the knowledge obtained for the good of all.

All the arts are a part of science, and science is an art. "We shall be able," said Descartes, speaking as a man of science, "to find an art, by which, knowing the force and action of fire, water, air, stars, the heavens, and all other objects, as clearly as we know the trades of our artisans, we may be able to employ them in the same way for their appropriate uses, and make ourselves the masters and possessors of nature."

The reconciliation between the highest individual culture and the pursuit of science as a social end is here clearly suggested. There is, then, nothing antagonistic between an arts education and an education in applied science. They are both contributions to different phases of a single identity, and are contributions to the development of the individual and to the beneficial spread of knowledge.

THE NEW CLOWN SHOWN AT THE COPLEY THEATRE

"The New Clown" is a holiday treat to theatre-goers. It is in harmony with the merry spirit that Christmas and New Year bestow upon mankind. Farce, mirth and hilarious moments make the evening well spent and highly appreciative.

WALTER HAMPDEN PLEASES AUDIENCE

Walter Hampden showed his usual talent and splendor Tuesday evening when he acted Macbeth at the Boston Opera House. Although the audience was comparatively small, they were appreciative. He was well supported by his entire company; especially so by Mary Hall, who played Lady Macbeth.

Chlorine Kills Goldfish

Chlorine put into the water supply for purification purposes at the Cornell University water plants, recently caused the death of many goldfish belonging to students and the townspeople of Ithaca.

J. B. TYRRELL SPEAKS AT GEOLOGICAL MEET

Tells of Hunt for Bones of Dinosaurs

The story of the first discovery in 1884 of the bones of dinosaurs in the valley of Red Deer River, in what is now the Province of Alberta, Canada, was told by J. B. Tyrrell, consulting mining engineer of Toronto, in a paper read before the geographical and geological section of the American Association for the Advancement of Science yesterday afternoon.

"That western country," said Mr. Tyrrell, describing conditions in 1884, "was just beginning to be opened up. The Canadian Pacific Railway was built from Montreal to the Rocky Mountains, but it had not been connected through British Columbia to the shores of the Pacific."

Mr. Tyrrell told of the outfitting of the Geological Survey party which he headed, and of their four days' drive in wagons northward from Calgary.

Collects First Dinosaurian Bones

"On June 9th," said he, "after having spent a long and hot summer morning on the river, measuring the thickness of the various beds in the upper part of the Edmonton Series, and endeavoring to correlate them one with another in the succession of cliffs as we passed down the stream, and their relation to two coal seams that could be detected now and then, Matthew Cook and I stopped for lunch on the east bank of the river under the shade of some cottonwoods, just south of North Latitude 52 degrees, in what is now Section 11, Township 35, Range 21, West of the 4th Meridian."

"After lunch I walked eastward for three quarters of a mile across the valley and climbed its eastern side. At an elevation of about 200 feet above the river, scattered among a large number of nodules and irregular masses of brown ironstone which formed conspicuous objects on the hillsides of white sandstone, I found and made a small collection of Dinosaurian bones, being the first of such bones found or collected in the valley of Red Deer River."

"Next day we stopped for lunch beside the river where the steep sandstone banks of the valley are 300 feet high. Here Dinosaurian bones were again found to be abundant, and it was here that five years later, Mr. T. C. Weston, the Collector of the Geological Survey of Canada, found the second Skull of Dryptosaurus increasatus."

Discover Coal Mines

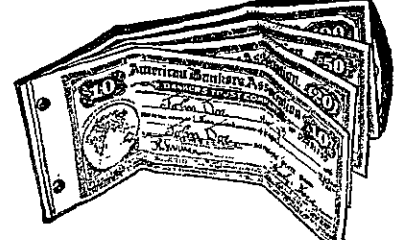
"From there downwards similar bones were noticed in a number of places, being especially abundant on the steep hillsides east of the river, a short distance above the mouth of Knee Hills Creek."

"On June 12th, while passing the site of the present town of Drumheller, where now 1,000,000 tons of coal are annually produced, I landed on the north side of the river and examined and measured the seams outcropping there, and took a sample from the outcrop of the thickest seam. As far as I know that was the first time that these coal seams had been examined. In all probability coal is now the most important product of that district to the people living on the plains, but nevertheless the Red Deer Valley is better known throughout the world for its Dinosaurs than for its coal."

"After completing our canoe trip on the Red Deer River, we took the horses and drove in a wide circle, first eastward and then northward and north-westward to Edmonton, and then southward back to Calgary to refit and replenish our supplies. One evening, during the course of this journey, we rode up to within a hundred yards of a herd of about twenty buffalo, probably one of the last herds of wild buffalo to come north into Canadian territory."

Mr. Tyrrell described further finds of dinosaurian bones, and his great difficulty, owing to their brittleness and the roughness of country, in getting them back to civilization intact.

CONVENTION NOTICES
Delegates who intend to return by rail must make applications early for reservations, at the desk reserved for that purpose in the Registration room.
Tea will be served in the Emma Rogers room (10-340) today and tomorrow from 3 to 5 o'clock.
Guides will be available today at the subway exits at Harvard College to conduct the visitors to the places of interest.
A complimentary smoker will be given to members of section C at the American House, tomorrow evening at 8 o'clock.
Members are cordially invited to visit Wellesley College on Saturday afternoon.



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