

TRAIN RELIGIOUS TEACHERS

Significant New Departure Launched in Douglas County.

SUNDAY SCHOOL TEACHERS CLASS

Local Workers of Young Men's and Young Women's Christian Associations Organize a Most Promising Project.

An innovation along the line of religious education is about to be launched in Omaha. It will be known as the Sunday School Teacher Training Institute of Douglas County.

The chief function of the Sunday School Teacher Training Institute will be the training of teachers. Such Sunday schools as are not in position to have a local training group may find it profitable to have the entire corps of teachers and candidates for teaching enrolled in the courses of the institute.

In addition to meeting the urgent need of the Sunday schools for trained teachers, the institute, through the advisory committee, will assist the Sunday schools by consulting with their leaders on all questions of educational import.

The training of the institute will be of the following kind: First—The imparting of Biblical knowledge by the survey and introductory courses of the Bible, acquainting the student with the books as a whole and with the general course of religious truth running through the Old and New Testaments.

Second—A study of the laws of religious development and the principles and methods of teaching—a study of the pupil. Third—A survey of the Sunday school lesson of the following Sabbath, with references to its preparation and presentation.

Fourth—A discussion of Sunday school methods, organization and equipment. Any teacher in the Sunday school or persons looking forward to teaching may enroll for a course or courses in the institute. Examinations will be held at the completion of each course. Those passing with a grade of 70 per cent and above will be given certificates and placed on record.

Courses intended primarily for men will be given at the Young Men's Christian Association, while those primarily for women will be given at the Young Women's Christian Association.

In the training courses for teachers of beginners, primary and junior grades the instructor will be Miss Ida V. Jones, general secretary of the Associated Charities. Text book, "Introduction to the Bible for Teachers of Children," by Georgia L. Chamberlain. This course will be given Saturday afternoon at the Young Women's Christian Association.

Mr. Wallace, president of the State and County Sunday School Association, appointed the Douglas county advisory committee named above. This new departure in religious educational work about to be taken in Omaha is unique, and its active promoters are expecting to see great results after the training course has been brought into effective working order.

ORIGIN OF CRATERS ON MOON

Prof. See, in Lecture, Says They Are Caused by Impact of Meteors.

CAPTURE THEORY GAINS SUPPORT

He Advances Argument that Satellite Is Not Part of Earth, but a Planet Acquired from Space.

SAN FRANCISCO, Nov. 28.—Extending and completing his researches on the origin of the planets and satellites of the star system, earlier accounts of which were made public in January and June of the present year, Prof. T. J. See, U. S. N., the astronomer in charge of the naval observatory at Mare Island, gave Saturday night to the Astronomical Society of the Pacific, an explanation of the origin of the craters of the moon and then proceeded to apply the theory to the obliquity of the planets, which he said overcame the last difficulty in the way of the "capture theory," recently advanced by him as supplanting the nebular hypothesis of Laplace.

Prof. See announced that the lunar craters were undoubtedly due to the impact of smaller satellites against the surface of the moon, and not to volcanic action, as had been generally believed, since the time of Galileo. The view that the lunar craters might be due to impact, he said, had occurred to him as long ago as 1872, and had been mentioned with a curiosity by Newcomb in 1875; while it had been more fully developed by Dr. G. K. Gilbert of the United States Geological Survey in 1902. But the impact theory had never been accepted by geologists or astronomers, and was not mentioned in any recent works on astronomy, so great has been the force of traditional opinion inclining to the old volcanic theory.

Capture Theory Gains Support. Prof. See, however, pointed out detailed reasons which were absolutely decisive against the volcanic theory. He remarked that there would now be less difficulty in seeing the truth of the impact theory than formerly, because he had recently proven that the moon is not a part of the earth thrown off by rapid rotation, but a planet captured from space.

The new theory of the capture of the moon, he said, had been favorably received by the scientific world, but it would be still greater use in bringing to light other discoveries, such as those announced tonight. Dr. See said the typical crater on the moon was a very large circular depression with steep walls inside and sloping walls outside and a small peak in the center, with the top of it below the average level of the lunar surface. If any one supposed the crater to be volcanic, it was impossible to account for the depression, when the crater stands, and no forces directed from within could dig up the circular trough about the peak in the center. Then, too, the way the craters lie over one another shows that they are nothing but satellite indentations. About the newest crater was Copernicus, Tycho, Aristarchus, etc., the bright rays radiating in all directions show that at the time of their formation the force of the impact was such that matter was melted, vaporized and driven out from these centers in all directions.

A satellite hitting the moon might have its temperature raised to 4,000 degrees or higher, and the bright rays from the craters were due to the spattering of highly heated matter. The blazing flash seen in target practice when a shot hits a target was familiar to officers of the military academy, and flattening and spreading of the projectile was such as to give a peak in the center of the mounded shell, while at the same time a rim is formed around it. Just like that seen about the craters on the moon. But the shot fired in the military target practice on the earth is as nothing compared to that in the heavens, where satellites from twenty to fifty miles in diameter had been hurled against the lunar surface with a velocity of over a mile a second, and thus produced blazing conflagrations sometimes covering the whole side of the moon.

Prof. See pointed out that many of the craters are largely covered with cosmic dust, a kind of metallic or lithic rain, which had fallen from such conflagrations. There is no air on the moon, and therefore the dust could long remain suspended. He said that the moon had never had any seas or smaller bodies of water, and that the lunar mountains were entirely due to impact of satellites against the surface, but thought that most of the great collisions had occurred before the moon was captured by the earth, and therefore, while the moon was still revolving in the region now occupied by the asteroids. The smaller asteroids are about the size of the falling bodies which have produced the larger lunar craters—perhaps twenty to sixty miles across. This is about the size of the planet Eros, which approaches nearer the earth than any other known planet.

Lack of Air Preserves Effects. "The roughness of the surface of our moon shows how many hard knocks it has received in the past. Every planet has gone through a similar experience, but there having no atmosphere, like that of the earth, have suffered such great geological changes that they have long since lost all trace of ancient battering, while these indentations have survived in the airless and waterless moon to show us the terrific process by which worlds are formed," declared Prof. See.

In a second paper presented tonight, Dr. See explained the obliquities of the planets by the impact of satellites against their surfaces. He said he had discovered the cause of the obliquities from the case of Jupiter, whose axis is nearly perpendicular to the plane of its orbit. The axial tilt of Jupiter's obliquity was larger than that of the earth, or even Saturn, 28 degrees; but as the greatest of the planets had gathered in satellites moving about the sun in planes having the average position of the Jovian orbit, the equator had been tilted down almost into coincidence with it. In this way had arisen the small obliquity of Jupiter, and a similar influence had acted upon the other planets. Saturn's obliquity would practically disappear if that planet could gather in enough satellites to make the mass as great as that of Jupiter. The obliquity of our earth, on that the seasons depend, is smaller than that of Mars, and Prof. See said that the obliquity of Venus probably was smaller yet, not exceeding 30 degrees. He ascribed the high obliquity of the systems of Uranus and Neptune to the original positions of those planets, their equators never having been greatly tilted over by the capture of satellites.

Jupiter's Obliquity the Cause. The small obliquity of Jupiter was the cue to the cause at work, and the face of the moon showed how all planets had been pelted by falling satellites during the development of our solar system, which was originally order of Uranus and Neptune at present. The solar system was formed from a spiral nebula, the outer border of which originally extended to something like a thousand times the distance of the earth from the sun. Most of the other nebulae of the heavens are of immense extent, and Prof. See said he had proved that the setup which formed our solar system was no exception to the general rule.

In conclusion, Dr. See announced that he had now proved that the planets had been captured by the sun, and that their orbits had been gradually reduced in size and rounded up under the secular action of a resisting medium; that the satellites likewise had been captured by their several planets, and had their orbits transformed in the same manner; finally, that the moon had been captured by the earth, and the craters on its surface had been formed by the impact of satellites, when the moon revolved among the Asteroids or further out. The time involved in the formation of the solar system was to be reckoned in billions of years, and something like 60,000,000 years, may have elapsed since the first nebula was captured by the earth. In conclusion, he said that the principal phenomena of the solar system were now fully explained in accordance with known mechanical laws, and astronomers had gained an unexpected light on the origin of the systems of the universe.

E. FLYNN HAS HIS TROUBLES

Street Commissioner Explains Why and Whereof of Mud.

WHY STREETS ARE IN BAD SHAPE

Paving Contractors, Building Superintendents and Loyal Citizens Combine to Make Life a Burden to City Official.

"Hardly any use of having men out on the streets this sort of weather," said Street Commissioner Flynn, sardoniously. "We are working the few men we have and getting anything." "For the benefit of a good many complaining people, let me be specific. The crossings about Sixteenth and Harney are exceedingly muddy and we put the flushers on to clean them. Within a few minutes city inspectors of paving jobs and the superintendents of the contractors came running up with waving arms and vociferous conversation. The water runs down the new work, and we have to stop. The same is true at Sixteenth and Howard, the water interfering with work at Seventeenth street."

ITALIAN HELD AT JAIL

Man Believed to Be Louis Sacco Awaits Officers from Pennsylvania.

Tracked by cousins of his victim, information was received in Omaha by the police three months ago which led to the arrest of a man believed to be Louis Sacco, charged with the murder of Charles Grant and Vincent Grandetti, St. Louis, Mo. Sacco, a violent character, was tracked by Detectives Dunn and McDonald Friday, but the information regarding the crime was not learned by the police until Saturday afternoon.

A party, which Louis Sacco, Carmine Grandetti and Pasquale Mercurio, now Des Moines, attended in Menasha, Pa. resulted in a quarrel. Sacco shot and killed Carmine Grandetti and wounded a cousin of the latter, Pasquale Mercurio. The murderer escaped and was never seen until last spring. Mercurio, who was wounded in the fight, had moved to Des Moines and while employed at a railroad grading plant saw and identified Louis Sacco. He spoke to Sacco about the crime, but the latter claimed to have no knowledge of the affair.

Nothing more was seen of Sacco until about three months ago, when he was seen on the streets of Omaha by Vincenzo Grandetti, another cousin of the murdered man and of the Des Moines relative. Vincenzo Grandetti of Omaha then notified the police, who have been looking for Sacco, but failed to get any trace of him. Sacco was seen on the street Friday and the arrest resulted.

Vincenzo Grandetti, a brother of Vincenzo Mercurio, who was arrested through the police station yesterday, first refused to recognize him, but later finally acknowledged acquaintance and avoided him. Vincenzo Grandetti, a brother of Vincenzo Mercurio, who was arrested through the police station yesterday, first refused to recognize him, but later finally acknowledged acquaintance and avoided him.

The crime was a cold-blooded one. Sacco possessed two city lots in Menasha and had more than \$600 on deposit in one of the banks of the city when he committed the crime, but he has failed to claim it, and there are places where only rebuilding of streets will do good. "I walked more miles Friday than many people go in a year, for it may be news to some folks to hear that the head of this department hasn't even got a buggy to cover his job, or a typewriter to turn away wrath with the soft word."

RILEY MILLINERY MOVES AND EXPANDS

Soon Will Have Beautiful Shop in Old Hanson Cafe Location. The north portion of the building formerly occupied by Hanson's cafe was leased Saturday for a term of ten years by the Riley sisters, who have for the last several years conducted a millinery store a few doors south of this location.

Plans are being prepared and work will soon start to make this as fine and beautiful a shop as is to be found anywhere. The lighting will be such as to make the store at night just as bright as day. Windows will be put in the side, elegant show fixtures will be constructed and handsome new fixtures installed as rapidly as possible. All the old stock will be disposed of before removing, so that the new shop will be opened with everything completely new.

LOCAL GIRLS AND WOMEN MAY TAKE DOMESTIC SCIENCE

Eligible to the Classes at the Corn Show This Year Day and Night. Omaha, South Omaha and Council Bluffs women are going to have big privileges at the National Corn exposition this year. They are going to be accepted as eligible to the domestic science classes under the supervision of Miss Cecelia Beasack.

WAGE DEAL UP TO NEILL

Question of Switchmen's Difficulty Sent to Labor Commissioner at Washington. Unable to agree on the wage proposition the committee of western railroad managers and representatives of the Switchmen's union in session at St. Paul, turned its dispute over to federal officials for settlement. It now devolves upon Commissioner of Labor Neill at Washington to hear the merits of the case and to decide whether the switchmen are to be given an increase in wages.

DIRR HAD PLANNED IT ALL

Coroner's Jury Returns Verdict of Suicide Saturday Afternoon. Hereditary insanity may have prompted H. D. Dirr, proprietor of a rooming house at 222 South Nineteenth street to take his life by cutting his throat with a razor sometime Thursday night or Friday morning.

GO TO FLORIDA

Reached quickly and in through drawing room sleeper daily. St. Louis to Jacksonville. Leaving Union Station St. Louis at 9:00 P. M. daily via the Montgomery Route. All meals enroute in dining cars. Additional routes to Florida and exceptionally good service to Mobile, New Orleans, Pensacola and Gulf Coast resorts.

YOUNG-BOY KILLS PLAYMATE

Wesley McBride Shoots Arthur Long Three Times.

ONLY FIFTEEN YEARS OF AGE

Confesses to Deed, Claiming First Shot Accident and Others an Effort to Escape Responsibility.

Arthur Long, a boy of 15 years, was shot to death about 3:30 p. m. Saturday near the Burlington tracks on the river bank below Missouri avenue. Wesley McBride, a son of George McBride, the county surveyor, fired the three fatal shots into the boy's head for no apparent reason. Wesley McBride is about 15 years old, as has been determined by the juvenile officer, Paul Macaulay.

The two boys and Andrew Jonashoff were together part of the day. According to the story of Jonashoff, McBride had been talking of using his gun several times on the way to the river bank, saying, "I'll let him go. Shall I let him?" indicating Long. Jonashoff said he became frightened and returned to Thirteenth and Missouri avenue, where he met several other boys and told them he was afraid Wesley would shoot Long before they returned.

McBride Claims Accident. McBride's story was that he was playing with the revolver, twisting around on his finger, the finger being in the trigger guard. The first shot hit Long in the lips. He started to run, and McBride said he was seized with the thought that he must kill him so that he himself could get away. He fired a second shot after him, fired another shot after him, and fired to hit him. He then ran after the boy, headed him off and fired a shot which went through his cheek. Long then fell to the ground and as he was on his hands and knees crawling he fired the last shot into his brain.

The people who know the McBride boy intimately express no great surprise at the terrible deed. He has been considered a little unbalanced and odd. He has had a mania for crimes of various kinds for some time. Once he is said to have held up the hired girl at his own home while the family was away. He took several articles from the house, including silverware.

SIOUX CITY RIVER PILOTS

Large Delegation Will Represent that City at the Missouri River Congress.

The Sioux City Commercial club has appointed a large number of delegates to attend the Missouri River congress which meets in Omaha, December 14, 15, and 16. Among those named are: J. L. Kennedy, George C. Cal, W. L. Montgomery, O. W. Towner, P. H. Wilson, George C. Scott, J. H. Bolton, D. C. Shull, H. A. Sadler, H. F. Walsenky.

Confesses to Shooting. The body of Arthur Long was discovered by two boys named McParland and Anderson, who reported to the police station. Officers J. E. Marvel and Hank Elmsfelder investigated the case and turned the body over to Heafey & Heafey. The police questioned the boys of the neighborhood and when they discovered Long was seen last night with McBride they went in search of him and found him at his home, 212 North Ninteenth street, South Omaha. When they bluntly accused him of the crime he broke down after a few moments and confessed to the shooting.

White Rock

A Health-Guarantee to be Found in No Other Water. Because: 1—The ONLY Water put up in STERILIZED bottles; 2—The ONLY Water—Domestic or Foreign—which is NEVER put in a bottle that has been used before.

Here is a Delightful Change

YOU have tried the rest. Just try a package of the new, tempting rice-flake. So different from the best of other breakfast foods that you will adopt it for all time when you and yours have once learned its delicious, different flavor. Change today to Kellogg's Toasted Rice Flakes.

Another New Food—Toasted Rice Biscuit

A delicious rice toast. Serve it alone, or with cream or fruit. Children thrive on Toasted Rice Biscuit. Ask your grocer for Kellogg's Toasted Rice Flakes. Large packages, 10c. The Kellogg Toasted Rice Flake & Biscuit Co., Battle Creek, Mich.

GO TO FLORIDA

Reached quickly and in through drawing room sleeper daily. St. Louis to Jacksonville. Leaving Union Station St. Louis at 9:00 P. M. daily via the Montgomery Route. All meals enroute in dining cars. Additional routes to Florida and exceptionally good service to Mobile, New Orleans, Pensacola and Gulf Coast resorts.

GO TO FLORIDA

Reached quickly and in through drawing room sleeper daily. St. Louis to Jacksonville. Leaving Union Station St. Louis at 9:00 P. M. daily via the Montgomery Route. All meals enroute in dining cars. Additional routes to Florida and exceptionally good service to Mobile, New Orleans, Pensacola and Gulf Coast resorts.

Montgomery Route

All meals enroute in dining cars. Additional routes to Florida and exceptionally good service to Mobile, New Orleans, Pensacola and Gulf Coast resorts. Round-trip tickets on sale daily on all Southern winter resorts at reduced rates. Divorce routes, if you wish. For sleeping car reservations, rates and time tables address J. E. DAVENPORT, Div. Pass. Agent 312 North Eighth St., St. Louis, Mo.