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ANCIENT ZUNI VILLAGE YIELDS FINE MOSAICS

FIRST SEASON'S EXCAVATIONS AT HAWIKUH SUCCESSFUL

ONE OF "SEVEN CITIES OF CIBOLA," ABANDONED OWING TO APACHE RAIDS IN 1670, PROVES RICH IN RELICS

WASHINGTON, September 10.—An expedition organized by the Bureau of American Ethnology of the Smithsonian Institution and the Museum of the American Indian, Heye Foundation, of New York city, under the immediate direction of F. W. Hodge, ethnologist-in-charge of the bureau mentioned, has just concluded its first season of excavating among the ruins of Hawikuh, in western New Mexico. This pueblo was one of the famed "Seven Cities of Cibola" which was seen by Marco de Niza, a Franciscan friar, in 1539, and was the scene of the death of his negro guide and companion, in the following year the pueblo was stormed by Francisco Vasquez Coronado, the celebrated Spanish explorer, who almost lost his life in the attack. The Zuni occupants of Hawikuh fled to their stronghold a few miles away, the Spanish took possession of their village, which Coronado called Granada, and while there wrote his report to the Viceroy of Mexico, giving an account of his expedition up to that time and sending various products of the country and examples of native art.

The excavations were commenced at the close of May by Mr. Hodge, assisted by Alanson Skinner and E. F. Coffin, of the Museum of the American Indian. Work was begun in a great refuse heap forming the western slope of the elevation on which Hawikuh is situated. This refuse was found to contain many burials of Zuni dead, of which there were three types—remains cremated and deposited in cinerary vessels accompanied by food and water vessels; others buried at length, or in abnormal postures without accompaniments, and usually dismembered; others still deposited at length with head directed eastward and with numerous vessels of earthenware, great quantities of food, and the personal tools and ornaments of the deceased. In all, 237 graves were opened during the three months devoted to the work, in which quantities of pottery vessels of various forms, and with a great range of decorative painting, were uncovered. Among burials of the third type mentioned were several skeletons of members of the Zuni Priesthood of the Bow, with their paraphernalia, including bows and arrows, sacred paint, war clubs, and their personal or ceremonial belongings.

ABANDONED BECAUSE OF APACHES
A Franciscan mission was established at Hawikuh in 1736, and continued in operation until 1670, when the pueblo was abandoned on account of Apache depredations. Considering the length of time since the village was forsaken by its inhabitants, the remains were in a remarkably good state of preservation. The deposit of great quantities of food in the graves, especially boiled corn on the cob, had the effect of decaying the bones, but of preserving the materials that usually more readily perish, such as baskets, fabrics, and objects of wood, many of which were saved by immediate treatment. Many very beautiful things found in association with the remains include eight objects of turquoise mosaic, consisting of ornamental hair combs, ear-pendants, and hair ornaments, some of which are so well executed as to be among the finest examples of engraved turquoise ever found in America, and far exceeding the mosaic work of the Hopi Indians in Arizona to-day. Of the fabrics, various examples were recovered, and indeed in one instance the clothing of a woman was so well preserved that it was possible to study the character of her dress from neck to feet.

The pottery of the Hawikuh people, as mentioned, possesses a wide range of decoration and coloring. Most of the designs are geometric, but numerous highly conventionalized figures of birds, as well as many life-like forms of quadrupeds, the eagle, the butterfly, the tadpole, and the corn plant were found. Many of the vessels are decorated with a distinct glaze black and green predominating. The vessels consist chiefly of bowls, ranging in size from tiny tiny affairs to some as large as fifteen inches in diameter; but there are also large and small water jars, and black, undecorated cooking pots, duck-shaped vessels, and the like.

MEDICINE MAN'S OUPUT
The finds include, among others, the ceremonial paraphernalia of a medicine man, comprising his mask, a turkey's egg containing the bones of the embryo, and accompanied with a food bowl;

several skeletons of eagles, turkeys, and dogs that had been ceremonially buried, and deposits of pottery that had been broken in sacrifice and deposited in the cemetery not as burial accompaniments. It was the custom of the Zunis of Hawikuh to "kill" all the vessels deposited with their dead by throwing them into the graves, and this was likewise the case with other household utensils, such as metates and manos used in grinding corn. Some of the vessels escaped injury, while all of the fragments of the broken ones were carefully gathered and will be repaired.

The site of Hawikuh covers an area of about 750 by 850 feet, so that only a comparatively small part of the site was excavated during this season. The refuse was found to attain a depth of 14 1/2 feet in the western slope, and it will probably be found to reach a depth of at least 18 feet before the walls of the summit of the elevation are reached. An interesting discovery consists of the remains of many walls entirely beneath this great deposit of refuse, showing that the site was occupied in pre-historic times long before Hawikuh itself was built.—The New York Evening Post.

RECRUITING IN NEW BRUNSWICK

The official report of the result of recruiting in the Province of New Brunswick for home and overseas service, for the week ending Sept. 15, is as follows:

St. John County—	
9th Siege Battery	5
8th Field Ambulance Depot	10
Royal Flying Corps	1
C. A. S. C.	2
Recruits from the United States	24
For Imperial Army	2
For the C. E. F.	— 43
York County—	
9th Siege Battery	2
23rd Battalion	4
8th Field Ambulance Depot	1
Kings County—	
No. 2 Forestry Company	5
Restigouche County—	
9th Siege Battery	1
Northumberland County—	
Westmorland County	0
Albert County	0
Carleton County	0
Gloucester County	0
Charlotte County	0
Victoria County	0
Madawaska County	0
Queens and Sunbury	0
Kent County	0
Total for week	56

Of the seven recruits shown for York County for the week, five were secured in United States.

MORE CANADIAN TROOPS REACH ENGLAND

Ottawa, Sept. 17.—It is officially announced, through the Chief Press Censor's Office, that the following troops have arrived safely in England: No. 10 Siege Battery draft, Halifax; No. 10 and 12 reinforcing draft, railway troops, from Prince Edward Island and Regina, respectively; Forestry drafts from Winnipeg, Valcartier, Sussex, N. S., and Ottawa; Forestry and Railway Construction drafts, Camp Borden; C. A. S. C. drafts from Winnipeg and Camp Borden; Railway Construction draft, Ottawa; P. A. M. C. draft, Montreal; R. M. C. Cadets for imperial commissions; British recruits from Aldershot, N. S.

PINCHED ON \$25,000 A YEAR

An income of \$25,000 a year is not enough for Mrs. Olga Kohler Florman, daughter of the late Charles Kohler, who made millions manufacturing pianos. In making this statement to Surrogate Cohan to-day, Mrs. Florman said she had to support her son, who is now nearly three years old.

Mrs. Florman has a summer cottage at Sands Point, L. I., costing \$2,000 a month, to say nothing of her \$5,000 a year suite at 777 Madison Avenue. Mrs. Florman said she was obliged to discount her note for money actually needed. The only money coming in was \$60 a week earned by her young husband, who is a jewelry salesman.

In compliance with Mrs. Florman's request, Surrogate Cohan signed an order directing her mother, Mrs. Varonica M. Kohler, William B. Ellison, formerly Corporation Counsel, and Richard W. Lawrence, as trustees under the will, to pay the young woman the \$120,000 which she asked.—The New York Evening Post.

THANKSGIVING DAY
Thanksgiving Day will be observed on Monday, October 8.

NORVAL

My name is Norval; on the Grampian hill
My father feeds his flock a loyal swain
Whose constant care was to increase his store,
And keep his only son, myself, at home.
For I had heard of battles, and I longed
To follow to the field some warlike lord:
And heaven soon granted what my soul desired.
This moon which rose last night, raised my shield,
Had not yet filled her horns, when by her light
A band of fierce barbarians, from the hills,
Rushed like a torrent down upon the vale,
Sweeping our flocks and herds. The shepherd fled
For safety and for succor. I alone,
With bended bow, and quiver full of darts,
Revered above the enemy, stood firm and true.
The road he took, then hastened to my friends
Whom with a troop of fifty chosen men
I met advancing. The pursuit I led,
Till we o'ertook the spoil-encumbered foe.
We fought and conquered. Ere a sword was drawn
As arrow from my bow had pierced their chest,
Who wore that day the arms which now I wear.
Returning home in triumph, I did find
The shepherd's faithful life; and having heard
That our good king had summoned his bold peers
To lead their warriors to the Carron side,
I left my father's house, and took with me
A chosen servant to conduct my steps.
You trembling coward, who forsook his master,
Joining with this intent, I passed those towers
And, heaven-directed, came this day to do
The happy deed that gilds my humble name.
—From Douglas: A Tragedy, by John Home.
(Born Sept. 22, 1722; died Sept. 5, 1808)

THE ALGONQUIN HOTEL

The Algonquin Hotel closed on Thursday at the end of its 1917 season, which has been the most successful of any since the Hotel was first opened. The weather conditions have not always been favorable for out-door pastimes, but the Hotel has many resources for amusing its guests that are independent of the weather. The total capacity of three hundred guests was maintained during August, and frequently three hundred and eighty guests sat down to one meal in the dining room. Immediately the Hotel closed Mr. Bert Ripley commenced work on the Power House and Laundry. The Power House is being enlarged, and entirely new boilers are being installed. The Laundry is also being made larger in order to accommodate more employees, and to allow for a greatly increased plant. The new machinery to be installed in the Laundry will include a 120-inch mangle, a machine washer, and a large extractor for drying.

TOWN COUNCIL

Council Chamber, Tuesday, Sept. 18, 1917.
Pursuant to notice given, a special meeting of the Town Council was held in the Town Hall at 8 o'clock p. m.
Present—The Mayor G. King Greenlaw; and Aldermen Caughey, Finigan, Gillman, Malpas, McFarlane, McLaren.
Absent—Ald. Douglas, (out of Town), and Ald. Denley.
The Mayor submitted an application from F. H. Grimmer, Esq., Attorney, for the franchising of the Alexander lot on the Western Common, viz. the "McCarthy" lot, ten acres under lease to Miss Elizabeth Alexander for a term of twenty years, also the "Homestead" lot, two acres, and the Kennedy lot of three acres, to Elizabeth Alexander, John A. Craig, Gertrude Burton, and Eva McKinney, etc., etc.
Mr. Grimmer being present explained the situation in respect of the leases and conditions of freeholding the Western Common properties in the past. On motion of Ald. George Malpas, seconded by Ald. M. E. McFarlane and unanimously carried.
RESOLVED, that the application of Elizabeth Alexander for a title in fee simple of her leasehold land on the Western Common known as the McCarthy Lot, comprising ten (10) acres more or less, be complied with; and that a deed of conveyance in the usual form be prepared and executed under the Town Seal and signed by the Mayor and Town Clerk to be delivered to the said Elizabeth Alexander upon payment of a sum sufficient to yield in interest at the rate of four per cent (4%) per annum an amount equal to the rent payable upon said land in the year 1861, together with rent accrued pro rata to the date of transfer, and all costs of conveyance.
On motion of Ald. George Malpas, seconded by Ald. M. E. McFarlane and unanimously carried.
RESOLVED, that the application of Elizabeth Alexander, John Craig, Gertrude Burton and Eva McKinney for fee simple title of the Alexander Homestead Lot, comprising two and one-half (2 1/2) acres, and the Kennedy Lot, comprising three (3) acres, situate on the Western Common and now held by them under leases from the Town of Saint Andrews, be complied with; and that deeds of conveyance thereof under the Town Seal and signed by the Mayor and Town Clerk be executed and delivered to the said parties upon payment of a sum sufficient to yield in interest at the rate of four per cent (4%) per annum an amount equal to the annual rents upon said lands in the year 1861, together with rents accrued to the date of transfer and all costs of conveyance.
The deed of the Alexander Homestead Lot to be drawn in form to convey three quarters (3/4) interest to the said Elizabeth Alexander and one twelfth (1/12) each to the other three; and of the Kennedy Lot one half (1/2) to the said Elizabeth Alexander and one sixth (1/6) each to the other three, provided all parties named agree thereto, and submit a statement in writing to be filed with the Town Clerk to that effect.
Ald. McLaren called attention to the advisability of having the Marshal, Wm. H. Sinnett, recommended for the position of Inspector for the Prohibition Act now in force.

SCOTT ACT REPEALED

We give below, taken from the St. Croix Courier, the result of the voting for the repeal of the Scott Act in Charlotte County, at the poll taken on Thursday, September 13.

	For	Against
St. Andrews	11	82
Milltown	3	124
Upper Mills	1	13
St. Stephen	27	388
Dufferin	41	11
Scotch Ridge	1	97
Baillie	4	111
Oak Bay	1	82
Tower Hill	2	60
Back Bay	1	6
Letite	1	19
St. George	47	113
Beaver Harbor	9	33
Pennfield	4	28
Lepreau	2	10
Mace's Bay	1	8
Clarendon	1	14
Chocolate Cove	1	43
Lord's Cove	2	46
Wilson's Beach	2	83
Welshpool	3	80
North Head	2	123
White Head	1	21
Seal Cove	4	98
Grand Harbor	2	104
	133	2007

70,000,000 FEET LUMBER BURNED

Westwood, Cal., September 18.—Fire, believed to be of incendiary origin, destroyed seventy million feet of lumber in the yards of the Red River Lumber Company here. The loss is estimated at \$2,000,000. Twenty million feet of lumber was saved. An investigation is under way.

"Does this town boast of a common council?" "We got one, stranger, if that's what you mean," said the native of Plunkville. "But we don't boast of it."—Detroit Free Press.

On motion of Ald. Finigan, seconded by Ald. Malpas and unanimously carried. Resolved, that in the event of an Inspector being required and appointed for the enforcement of the New Brunswick Prohibition Act, in the Town of St. Andrews and vicinity, this Council heartily recommend the present Town Marshal, Wm. H. Sinnett, for such appointment.
In reply to enquiry by Ald. Caughey Mr. Grimmer gave a succinct account of the Town Home property from the granting of the land by the Government in 1786, also of the arrangement with the Parish by which it became the property of the Town after its incorporation in 1903 and subsequent leasing of a portion of the land to the Golf Club, etc.
Meeting adjourned.
E. S. POLLEYS,
Town Clerk.

SOME FIGURES OF GREAT QUEBEC BRIDGE

A few facts regarding the great proportions of the Quebec bridge and of the size of the span which is being fitted into position to-day, may serve to convey a slight idea of the immensity of the undertaking from a physical standpoint.
The placing of the centre span of the bridge, which is 640 feet in length and weighs 2,300 tons, is the crucial test of the whole project. The history of the two previous attempts and their subsequent failure, with heavy loss of life, is well known to all.
The new span was erected at Sillery Cove, some three and a half miles below Quebec city, and was towed on bobs up Stream to the site of the Levee bridge. To gain an impression of the difficulty of the undertaking and what its success will mean, the following comparison with the Forth bridge, in Scotland, which is the next greatest structure of its kind, may be appropos.

	Quebec Forth bridge	Forth bridge
Total length of cantilever, feet	2,830	5,349
Length of channel span, feet	1,800	1,710
Load per lineal foot bridge is designed to carry exclusive of its own weight, lbs.	14,000	4,480
Total weight of the bridge, lbs.	66,000	57,000
Weight per lineal foot for cantilevers, lbs.	48,300	21,350
Greatest depth of piers below high water, feet	101	87
Weight of steel per lineal foot of the Quebec Bridge is 2.3 times that of the Forth bridge.		
Load for which the Quebec Bridge is designed is 3.1 times that of the Forth bridge.		
The prescribed test load for the Quebec is 4.13 times heavier than that of the Forth bridge.		
The total length of the Quebec bridge is 3,239 feet and the cost when completed will be between \$14,000,000 and \$18,000,000.—Montreal Herald, Sept. 17.		

MASONIC GRAND MASTER VISITS ST. ANDREWS

The Most Worshipful Grand Master, L. C. Clark, paid a visit to the St. Marks Lodge F. and A. M. and S. N. A. R. on Tuesday, Sept. 18. In his official capacity he held a meeting in the Masonic Hall on the evening of that date and was assisted in the Working of the First Degree by J. Twining Hartt, Grand Secretary; W. H. Smith, District Deputy Grand Master; W. S. Morrison, of St. John; and J. T. Whitlock. After the proceedings had terminated a collation was served to which all did special honor.

CHINESE TYPHOON VERY DISASTROUS

Amoy, China, Sept. 19.—More than 600 natives were killed by the typhoon which struck Amoy without warning at the end of last week. Eighty-five per cent of the water-craft in the harbors nearby was destroyed. No foreigners have been reported lost.
Outlying districts cannot be communicated with, and it is feared great damage has been done there. One village on the island of Amoy reported that only 16 out of 200 fishing boats were saved.

NOT TO STOP U. S. COAL SHIPMENTS

Ottawa, Sept. 19.—Official denial is given to the Washington dispatch stating that the United States had decided to conscript the shipment of coal to Canada and that a licence system would be imposed. A conference is now going on at Washington, but there will be no such step taken as to check coal shipments, said an official to-day.

THE NEW FRENCH MINISTRY

Paris, September 14.—The new French Cabinet, formed by Prof. Paul Painlevé, Premier and Minister of War, contains a new Ministry, at first called the Ministry of Propaganda, but later changed to Minister of Missions Abroad. Owing to the absence of Franklin Bouillon, the new post is not listed with the other Ministry designations in the Official Journal.

The new Ministry consists of fifteen titular Ministers, four Ministers of State, and eleven Under-Secretaries. They are divided among five Senators, eleven Deputies and two, Louis Loucheur and Albert Claville, do not belong to Parliament. The eleven Under-Secretaries are all members of the Chamber of Deputies. Following is the list announced by Premier Painlevé:

- Foreign Affairs—Alexandre Ribot.
- Minister of Justice—Raoul Peret.
- Minister of the Interior—Jules Steeg.
- Minister of Marine—Charles Chaumet.
- Minister of Munitions—Louis Loucheur.
- Minister of Finance—Louis Lucien Klotz.
- Minister of Colonies—Rene Benard.
- Minister of Transport—Albert Claville.
- Minister of Education—Daniel Vincent.
- Minister of Labor—Andre Renard.
- Minister of Commerce—Etienne Clementel.
- Minister of Agriculture—Fernand David.
- Minister of Provisions—Maurice Loez.
- Minister for Missions Abroad—Franklin Bouillon.
- Four Ministers of State, who also are members of the War Council, are Louis Barthou, Leon Bourgeois, Paul Doumer, and Jean Dupuy.

UNIVERSITY OF N. B. OPENS COLLEGE YEAR

The University of New Brunswick opened to-day for the college year. The matriculation was not so large as in former years, due in no small part to the war. Non-residents will report later in the week and the college activities will soon be in full swing.
Monday's matriculation shows the following new students, residence, course chosen and church affiliation:

- NEW STUDENTS
- Registered Monday, Sept. 17, 1917
- Second Year
- Henry Dayton Squires, Fredericton, Arts, Methodist.
- First Year
- Herman Charles Burdette, Bathurst, Civil Engineering, Catholic.
- Murray V. Cain, Fredericton, Forestry, Catholic.
- V. Frances Coy, Upper Gagetown, Arts, Baptist.
- Rita Elliott, Fredericton, Arts, Catholic.
- Lois Hawthorne, Fredericton, Arts, Church of England.
- Daniel W. Jamer, West Devon, Forestry, Presbyterian.
- Edith M. Jones, Fredericton, Arts, Baptist.
- Gerald H. King, Chipman, Special, Baptist.
- Donald A. Lindsay, Woodstock, Electrical Engineering, Baptist.
- Furman I. McClure, St. John, Electrical Engineering, Presbyterian.
- Wm. W. McCormack, Fredericton, Special, Presbyterian.
- Wm. J. McLellan, Doaktown, Arts, Presbyterian.
- Arthur A. Miller, Centerville, Forestry and Civil Engineering, Baptist.
- Barbara Nickerson, Marysville, Arts, Methodist.
- Johnson B. Sargent, Keswick, Ridge, Arts, Methodist.
- Joseph W. Sears, Fredericton, Arts, Catholic.
- Wm. T. Shea, Fredericton, Forestry, Catholic.
- J. Prescott Skillen, St. Martins, Electrical Engineering, Baptist.
- Ethel F. VanWart, Fredericton, Arts, Baptist.
- M. Ruth Young, Fredericton, Arts, Methodist.
- Jean L. Young, Fredericton, Arts, Methodist.
- The Gleaner, Fredericton, Sept. 17.