

by means of one lock. Mr. Morrow has applied to have it patented in Europe also.

—Cornell University has conferred the degree of Master of Science upon I. Thornton Osmond. The subject of his thesis was "Experiments in Telephony." Prof. Osmond attended Cornell in '78, pursuing the post graduate course leading to the degree of Ph. D., but was compelled to leave before the year closed. In recognition of this the degree M. S. was conferred.

A BRIEF HISTORY OF THE CLASS OF '83, PENNA. STATE COLLEGE.

The class of '83 began its career with 28 Freshmen—fresh in the youthful vigor of their physical make-up, and men in the wisdom of their own conceit. It was the last class of the "Old School" which enjoyed the practicum of picking stones and digging potatoes. This probably accounts for the sad fact that only eight survived the hardships of the first year to be numbered in the Sophomore stage of existence. Of the final five who stepped into the open field of life in "sheep's clothing," but three were found in the Freshman year: W. E. Gray, of Buffalo Run, and Joseph Hollis, of Lewistown, receiving their previous education in the preparatory department of P. S. C., and Ira J. Laughman, of Altoona, receiving his at the High School of Altoona.

The Sophomore year began with a membership of 12, having this year added another of the five graduates, namely: George C. Butz, who came from the High School of New Castle, Pa. The Sophomore year of a class is like the larval stage of a butterfly—soft, voracious; uncertain of ever being able to fly, subject to frequent mouldings that are painful. But with patience and long suffering it is safely metamorphosed into that curious, mysterious pupa stage, so beautifully typical of a Junior class, accomplishing all it has to do without ostentation or complaint. In the pupa the insect decides its future existence, whether it shall be a butterfly to flutter in the sunlight of

day or a moth to prowl through the darkness of night "seeking whom it may devour." So the Junior existence of the class of '83 worked out the future of its members by natural laws. Its ministers to walk in the light and its lawyers *et al.* to prowl through the darkness "seeking whom they may," etc. Bursting the chrysalis and spreading the wings on the Junior contest stage, brought into view the Senior, who moves in silence and awe, pleased with all the world, and sipping the honey from its bright flowers.

This year brought the fifth member of the class, William C. Calder, from Harrisburg. He formerly was a member of the class of '81 at P. S. C., but having been out for two years he joined the class of '83 on his return to the college.

At graduation the ages of the members were as follows: Butz, 20 years, 6 months; Calder, 23 years, 2 months; Gray, 23 years; Hollis, 20 years, 6 months, and Ira J. Laughman, 22 years, 11 months.

Since that great day each has followed his chosen work as indicated below:

GEORGE C. BUTZ.

July, '83, engaged in Floriculture in New Castle, Pa.
September, '84, engaged in teaching in the preparatory department of P. S. C.
July, '85, engaged in Floriculture in New Castle, Pa.
July, '86, went to California, and studied the Horticulture of that State and engaged in some landscape gardening there
July, '87, returned to Pennsylvania and engaged at P. S. C. as Horticulturist of the Experiment Station, where he is at present.

WILLIAM C. CALDER.

September, '83, entered Crozier Sem., Chester, Pa., as Theological student.
1885, became pastor of a church in Chester, Pa.
September, '86, went to Burmah, India, as a missionary, where he is at present.

W. E. GRAY.

September, '83, began teaching in public schools, Centre county, Pa.
1884, began the study of law in office of Hastings & Reeder, Bellefonte, Pa.
August, '85, entered Law School of Union University at Albany, New York.
May 20, '86, graduated from Law School with degree of LL.B.
August 23, '86, admitted to the bar at Bellefonte, Pa., at which place he is practicing law at present.

JOSEPH HOLLIS.

Where is he?

IRA J. LAUGHMAN.

September, '83, entered Union Theol. Seminary, New York City, where he pursued studies with a view to entering the ministry. In the following winter he was compelled to return home on account of illness, which developed into heart disease. He rallied from this attack, however, but was not permitted to continue his studies. In February of '85, he was again taken ill, from which he never recovered, having died March 1, 1885.