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**CLOSE CONTEST ON**

(Continued from page 1.)

I. F. Morrison 1911, J. I. Taylor 1912, T. J. Shepard 1912, R. H. Gould 1911, R. O. Wood 1911, P. Hart 1910, E. Upham 1912, J. M. Hargrave 1912, A. C. Cardinal 1912, C. W. Bedsoy 1912, S. H. Francis 1911, J. L. McAllen 1911, G. E. Hodge 1911, E. Mangan 1912, F. H. Kingsbury 1912.

440-yard dash. Harold Lockett 1910, A. G. Thompson 1912, Alan Means 1912, N. Herreshoff 1912, Geo. B. Cumings 1910, E. H. Guilford 1912, N. N. Prentiss 1911, W. C. Salisbury 1911, Arthur Campbell 1912, L. D. Nisbet 1909, I. F. Morrison 1911, J. I. Taylor 1912, L. O. French 1910, P. Hart 1910, E. M. Potter 1910, F. J. Shepard 1912.

880-yard run. J. D. MacKenzie 1911, Walter S. Davis 1910, Harold Lockett 1910, Charles L. Tuller 1912, C. P. Eldred 1911, L. O. Mills 1910, F. H. Busby 1912, H. H. Howland 1909, I. F. Morrison 1911, R. M. Ferry 1912, P. D. White 1911, H. Y. Frost 1909, J. A. Park 1912, H. H. Partridge 1912.

1-mile run. Walter S. Davis 1910, J. W. MacKenzie 1911, J. N. Stephenson 1909, Earl E. Ferry 1912, C. P. Eldred 1911, L. O. Mills 1910, F. H. Busby 1912, G. C. Kenney 1911, H. S. Benson 1912, H. H. Howland 1909, P. D. White 1911, L. C. Cooley 1911, P. H. Block 1909, Geo. H. Magee 1910, W. C. West 1911.

2-mile run. Walter S. Davis 1910, J. F. McCarthy 1909, J. D. MacKenzie 1911, J. N. Stephenson 1909, Earl E. Ferry 1912, C. P. Eldred 1911, L. O. Mills 1910, R. Jarret 1912, Clark S. Robinson 1909, Charles L. Tuller 1912, F. H. Busby 1912, G. C. Kenney 1911, H. I. Pearl 1910, H. S. Benson 1912, H. H. Howland 1909, V. V. Ballard 1912, W. C. West 1911, G. H. Magee 1910, L. C. Cooley 1911, P. H. Block 1909, E. Jacobs 1910, Lenaerts 1912, Barry 1912.

120-yard high hurdles. L. S. Hooper 1912, A. G. Thompson 1912, W. Ruby 1912, H. Greenleaf 1912, G. B. Cumings 1910, E. H. Guilford 1912, J. M. Beale 1912, F. F. Bell 1910, W. J. Pead 1910.

220-yard low hurdles. Walter H. Hildebrand 1911, C. P. Kerr 1911, K. D. Fernstrom 1910, G. B. Cumings 1910, H. L. Robinson 1911, E. H. Guilford 1912, R. H. Gould 1911.

High jump. Walter S. Davis 1910, L. S. Hooper 1912, H. S. Gott 1910, W. C. Salisbury 1911, F. F. Bell 1910, J. Becker 1912, P. W. Dahyple 1912, T. C. Merriman 1909, J. A. Boyer 1912, B. Jones 1910, R. H. Gould 1911.

Pole vault. A. G. Thompson 1912, H. Greenleaf 1912, W. C. Salisbury 1911, E. Mangan 1912, W. D. Allen 1911, B. Jones 1910, M. G. Woodward 1912, L. Metcalf 1911, L. D. Nisbet 1909.

Shot put. M. G. Woodward 1912, Harold E. Kebbon 1912, Thomas F. McLaughlin 1911, H. S. Gott 1910, J. L. Bray 1912, J. Becker 1912, F. F. Bell 1910, L. D. Nisbet 1909, B. W. Dow 1909, L. S. Hooper 1912, E. Stuart 1910, D. V. Williamson 1910.

Broad jump. K. D. Fernstrom 1910, A. Hague 1910, Walter Hildebrand 1911, H. Greenleaf 1912, G. B. Cumings 1910, J. Becker 1912, L. D. Nisbet 1909, B. W. Dow 1909, W. J. Pead 1910, F. J. Shepard 1912, M. S. Dennett 1911.

Discus. M. G. Woodward 1912, T. B. Parker 1911, T. W. Saul 1910, F. H. Busby 1912, L. D. Nisbet 1909, E. Stuart 1910, D. V. Williamson 1910, A. V. Chamberlin 1910.

**NEW MEN WELCOMED**

(Continued from page 1.)

while at the Institute was that a man must not be a spendthrift, of either his time or his energy. From this he continued with a statement of his faith in the mission of the society and the value of college-day acquaintances. Many college men do not come to appreciate these associations until 20, 30, or 40 years after they have passed into history, but an early realization of them, he said, means a great gain in a man's social life and business success.

Professor Swain made the last speech of the evening, which he called the benediction, saying that his sermons were saved for his own congregations. He strongly urged the men present to see that their inevitable development during the formative years of their lives took place along the right lines. In the course of his talk he called attention to the great changes in Technology student life since his student days. Then, he said, he never met but one of his teachers outside of the classrooms, and only a few of his classmates. Now the men at the Institute have about as good chances for social intercourse with their fellows and their instructors as those at any college.

A number of new members were admitted at this meeting, and several names presented for action two weeks later. In accordance with suggestions from Dean Burton and Prof. Porter, Pres. Nisbet instructed the program committee to plan for as many excursions this year as possible.

After the speaking the members gathered around the piano and sang Tech songs to Prof. Swain's accompaniment.

**ALL MATTER HAS LIFE**

Physiological Theory Advanced by Oriental Lecturer

Sensitiveness as the universal property of all matter was discussed by Sir J. Chandra Bose, M.A. (Cambridge), D. Sc. London, of the Presidency College, Calcutta, in his address to the biological seminary yesterday afternoon.

The striking characteristics of the animal life he showed were exhibited in even the so-called insensitive plants. Muscular contractions, pulse like actions and nerve systems he said were all found in plants.

In his necessarily short lecture he could not dwell on the results and only gave an idea of how they were obtained. Mechanical effects he showed by lantern slides were always accompanied by similar electrical pulsations.

Prof. Bose started his investigations in wireless telegraphy by studying the peculiarities of fatigue in his detectors of Hertzian waves. This finally led to his correlating inorganic with organic "molecule-upsets."

He ended by stating that all riddles of life are not inexplicable myths and only appear so because of our want of knowledge.

He invited all who could to accompany him to his laboratory on Brattle St., Cambridge, Mass., where he would show some of the most striking experiments.

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