

The bibliography, while necessarily only partial, will be very helpful to the student of North American phytogeography.

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TICK (IXODOIDEA) GENERIC NAMES TO BE INCLUDED IN THE "OFFICIAL LIST OF ZOOLOGICAL NAMES"

1. The international committee invited by the secretary of the International Commission on Zoological Nomenclature to make a detailed study of the nomenclature of ticks (Ixodoidea) and consisting of the following specialists in this group, W. Dönitz (Berlin), Albert Hassall (Washington), L. G. Neumann (Toulouse), G. H. F. Nuttall (Cambridge) and Cecil Warburton (London), has submitted its first report.

2. Said committee unanimously agrees that the following eight generic names are the correct names for the genera in question, and that the correct genotypes, according to the International Rules of Zoological Nomenclature, are the species cited:

Amblyomma Koch, 1844a, 223-231, type *cajenense* Fabricius, 1787.

Argas Latreille, 1796a, 178, type *reflexus* Fabricius, 1794.

Dermacentor Koch, 1844a, 235-237, type *reticulatus* Fabricius, 1794.

Hæmaphysalis Koch, 1844a, 237, type *concinna* Koch.

Hyalomma Koch, 1844a, 220-223, type *ægyptium* Linnæus.

Ixodes Latreille, 1796a, 179, type *ricinus* Linnæus.

Rhipicentor Nuttall & Warburton, 1908, 398, type *bicornis* Nuttall & Warburton.

Rhipicephalus Koch, 1844a, 238, 239, type *sanguineus* Latreille.

3. Notice is hereby given that the undersigned will wait until July 1, 1912, for any zoologist to raise any objection to any part of the report of the special committee. If no valid point is raised by the date mentioned, the undersigned will transmit the list to the International Commission with the motion that these names be incorporated in the "Official List of Zoological Names," provided for by the last International Zoological Congress.

All correspondence on this subject should be directed to

C. W. STILES,

*Secretary International Commission
on Zoological Nomenclature*

HYGIENIC LABORATORY,

WASHINGTON, D. C.,

October 30, 1911

THE NATIONAL ACADEMY OF SCIENCES

At the meeting of the National Academy of Sciences held in the Public Library, New York City, on November 21 and 22, the program of scientific papers was as follows:

Flexner, Simon: Mode of Infection in Infantile Paralysis.

Loeb, Jacques: Oxidations in the Cell.

Carrel, Alexis (Introduced by Simon Flexner): Manifest and Non-manifest Life of the Tissues.

Conklin, E. G.: Cell-size and Nuclear-size.

Harrison, R. G. (Introduced by E. B. Wilson): Protoplasmic Movement in Embryonic Cells.

Kükenthal, Willy (Introduced by E. L. Mark): The Biological Significance of the so-called Hairs of the Hairy Frog, *Astylosternus robustus* (Blgr.).

Morgan, T. H.: Sex-limited Inheritance.

Davenport, C. B. (Introduced by T. H. Morgan): Recent Advances in the Study of Eugenics.

Osborn, Henry F.: The Problem of Continuity or Discontinuity in the Origin of Unit Characters in Heredity.

Hrdlička, Aleš (Introduced by W. H. Holmes): Ancient Man in South America in the Light of Recent Researches.

Trelease, Wm.: The Leafy Mistletoes of North America.

Grabau, A. W. (Introduced by J. F. Kemp): A Comparison of the Basal Paleozoic in Northwestern Europe and Eastern North America.

Kemp, J. F.: New Data on the Bed-rock Channel of the Hudson River.

Kemp, J. F.: The Source of the Saratoga Mineral Springs.

Smith, Alexander (Introduced by Charles F. Chandler): Recent Experiments on the Effect of the Absence of Moisture upon the Chemical Dissociation of Calomel and other Salts.

Boltwood, B. B.: Proposed International Radium Standard.

Pupin, M. I.: Conductors Rotating in Alternating Magnetic Field.

Osborne, T. B., and Mendel, Lafayette B. (Introduced by T. B. Osborne): The Role of Different Proteins in Nutrition and Growth.

Peirce, C. S.: A Method of Computation.

Peirce, C. S.: The Reasons of Reasoning, or Grounds of Inferring.

Walcott, Charles D.: Biographical Memoir of Samuel Pierpont Langley.

Becker, George F.: The Remains of Certain Mechanical Quadratures.

Wells, H. L.: A Color-effect in Isomorphous Crystallization.