

H
Hainan, 78.
Hale, E. M., on aboriginal tea, 51.
Hale, George S., on arsenic poison, 104.
Hale, Horatio, on Klamath Nation, 6, 20, 29.
Hall, T. Proctor, on direct reflecting polariscopes, 323; on four-fold space, 272; on Lissejou's curves, 213.
Halsted, Byron D., on botany section of A. A. A. S., 81; on parasitic fungi, 172, 243; on weeds, 116.
Halsted, G. B., on four-fold space, 319.
Hamby, E. T., on lotos-eaters, 230.
Hanging, death by, 173.
Hardy, A. S., 3, 3.
Harger's Exterior of the Horse, 54.
Harriss, H., on influenza epidemics, 144.
Harrison, Mrs. John, amulet collection of, 172.
Hart's Epoch Maps, 54.
Harvard requirements for admission, 279.
Haworth, Erasmus, on prismatic sandstone, 24.
Hay, O. P., on Storeria victa, 199.
Haynes, H. W., on the Celts, 207.
Hazen, H. A., on a problem in physics, 106; in gaseous compression, 150.
Healing, divine, 43.
Health congress at Chicago, 17; eighth annual conference of State boards of, 285; resorts, meteorological observations at, 214; statistics in Mich., 2.
Hein, A. R., on primitive art-motives, 286.
Helen Keller, 291.
Hellmann, G., on rain-gauges, 242.
Hemipterous mouth, 189.
Henshaw, M., on lightning, 249.
Herbarium-making, 123.
Hewitt, J. N. B., on Iroquoian etymology, 191.
Hicks, L. E., on Loup River, 59, 137, 288; on storage of storm-waters, 183.
Hill, E. J., on eye-habits, 53.
Hill, Geo. A., astronomical notes, 246, 275, 317; on Sir G. B. Airy, 64; on new star in Auriga, 160.
Hirn, G. A., 327; memorial, 116.
Hitchcock, Romyn, on spectrum photography, 118; on star photography, 339.
Hockley, Thomas, death of, 158.
Hodges, N. D. C., on protection from lightning, 197, 239.
Hofmann, August Wilhelm, 314.
Holmes, E. L., on preparation for study of medicine, 282.
Homoptera injurious to grasses, 228.
Hongote language, 277.
Hopkins, T., gift for seaside laboratory, 243.
Horner, J., on Alaskan fairs, 287.
Ho:sford's The Landfall of Leif Erikson, 67.
Horton's silver in Europe, 239.
Hotchkiss, Jed., on aboriginal tea, 137, 166; on trees of West Virginia, 161.
Houston's Dictionary of Electricity, 333.
Howe, J. L., on science teaching, 233.
Howe, Minnie, on bread-raising, 60.
Hubbard, Gardiner G., on the evolution of commerce, 216.
Hughes, D. E., on oil as insulator, 201.
Huidekoper's Age of Domestic Animals, 178.
Hunt, T. F., 5.
Hussey, W. J., 274.
Huxley's Gadarene Swine, 361.
Hypnotism among animals, 95; traumatic, 23, 66.

I

Iapetus, 78.
India, ethnography of, 236.
India rubber, an ion of metals on, 145.
Indian occupation of New York, 76.
Indiana Academy of Science, 45.
Infants' movements, 15.
Infection and the atmosphere, 26.
Influenza, 74; bacillus, 100, 122, 193; germs, 90; in Vienna, 117; origin of, 144.
Insectivorous plants, 3.
Insects held in dread, 337.
Inventors, American association of, 57.
Iowa Academy of Sciences, 21.
Irish Naturalist, 177.
Iroquoian etymology, 190.
Irrigation of great plains, 183.
Ives, J. E., on collecting gorilla brains, 240.

J

Jackdaws, curious habits of, 229.
Jackson, Dugald C., on the education of the electrical engineer, 344.
Jahrbuch der Chemie, 187.
James Joseph, F., on plant diseases, 113.
Jargons, study of, 230.
Jassidae, local, 287.
Johns Hopkins academic hall, 100; alumni association, 172; graduates, 4; graduates' association, 9.
Johnson, Roger B., on the will, 63.

K

Kansas University Science Club, 313.
Kant's Kritik, 25.
Keary's Norway and the Norwegians, 333.
Kellerman, Mrs. W. A., on ailanthus leaflets, 90; on catnip leaves, 66; on seedling blackberry, 94; on the sweetleaf, 161.
Kellicoit, D. S., on barn owl, 123.
Kellogg, D. S., on glacial phenomena, 341.
Kempe, H., on Australian languages, 60.
Kilauea, eruption of, 187.
Klamath language, 256; nation, 6, 20, 29.
Klein's Star Atlas, 159.
Kopp Hermann, death of, 159.
Krugh, W. H., on floridite, 3; on sugar reactions, 117.
Kulturformen, E. Hahn on, 159.
Kunz, George F., on artificial gems, 276; on gems of Ural Mountains, 101.

L

Laboratory, the Marine Biological, 227; biological, Brooklyn, 225; chemical, at Case School, 267; Johns Hopkins Marine, 10; sea-ide, for Leland Stanford, Jun., University, 229, 243; training, 351.
Lakes, great, origin of, 312; temperature of, 47.
Languages, aboriginal of Australia, 60; artificial, 31.
Latham, Baldwin, on evaporation, 101.
Lauer's Church and State in New England, 81.
Leaflets, ailanthus, 90.
Leaves, curious catnip, 66.
Le Chatelier, on melting points of metals, 201.
Length, standard of, in light-waves, 45.
Lenitzer, K., on jargons, 230.
Lettuce in medicine, 201.
Lewis, H. Carvill, on glacial phenomena, 305.
Library, Spicer, 61.
Light, alumium, 215.
Lightning, 66, 249; protection from, 197, 239.
Lintner, J. A., on pear-tree Psylla, 343.
Lis-ajou's curves, 213.
Liveredge, on iron rust, 271.
Locomotive, first, 80; first in America, 37.
Locusts in Egypt, 32.
Loeb, Morris, on A. W. von Hofmann, 314.
Longman's New School Atlas, 151.
Loper, S. Ward, 61.
Lotus-eaters and the Troglodytes, 230.
Lowe, E. J., on rain-drops, 326.
Lump of salt and a glass of water, 71.

M

Mabery, C. F., on chemical laboratory of Case School, 367; on laboratory training, 351.
McCarthy, G., on French wines, 185.
MacDonald, A., on influenza bacillus, 91, 100, 122; on psychological training, 165; on traumatic hypnosis, 24.
Macloskie, G., on the trachea of insects, 65.
McMaster's People of the United States, 47.
McCurdy, James, investigation of fur seal, 27.
Magnetic cane, 123; storm of Feb. 13-14, 144.
Magnets, influence of steam on, 103.
Mangat, paleo-ethnology of, 342.
Man, glaci., 317.
Manganite, a new alloy, 83.
Markham's Sir John Franklin, 82.
Marshall, D. T., on deblooming oils, 245; on pyrite incrustation, 151.
Mason, O. T., on anthropology, 165; on throwing-sticks, 332.
Maspero's Life in Ancient Egypt and Assyria, 55.
Masrium, 349.
Maxwell's Theory of Heat, 178.
Maya codices, 295; historian, a native, 230.
Maycock's First-book of Electricity, 178.
Medical Association, British, 354.
Medicine, preparation for the study of, 282.
Mediterranean, explorations in, 215; prehistoric commerce on, 342.
Meherji Medical School, 131.
Membracidae, local, 357.
Men, height of, in Europe, 3.
Merensky, on ancient India, 175.
Metals at high temperatures, 119; new method of reduction, 75.
Meteorological observations at health resorts, 214.
Michelson's metrical standard in terms of wavelengths of light, 45.
Middleton's Remains of Ancient Rome, 179.
Midzu-ame, 45.
Migrations, prehistoric European, 174.
Milk, machine for churning fresh, 281.
Milky way, photographs of, 9.
Miller, W. G., on gems, 244.
Miller's Little Brothers of the Air, 215.
Millsbaugh, C. F., on weeds as fertilizing material, 356.
Mills's Dog in Health and in Disease, 47.
Milne and Burton's The Great Earthquake in Japan, 1891, 222.
Minerals in State of Washington, 58.
Missouri geological survey, 326.
Mistletoe, influence of, 155.
Monck, W. H. S., on motions of stars, 343.
Monkeys, affections of, 117; games, 89.
Moon, bright streaks on, 275.
Moorehead's, W. K., explorations in Ohio, 68.
Morgan, T. H., 5.
Mossman, R. C., on silver thaw, 181.
Motion and heat, 132, 147.
Mound-builder relics, 68.
Müller, S., on prehistoric European migrations, 174.
Müller's India, 361.
Munro's Heroes of the Telegraph, 178.
Munroe's Index to Explosives, 278.
Museum Hand books, 179; of natural history at Sc. Kensington, 19.
Museums, support of, 77.

N

Nanibozhu, 19.
Naples station, American table at, 130.
Nasal index, 202.
Nassau, R. H., on collecting gorilla brains, 240.
Natives of South America, 146.
Natural Science, 178.
Naval architecture at Cornell, 116.
Nebraska Academy of Sciences, 60.
Neumann's Parasites of Domesticated Animals, 332.
Neurasthenia, Dr. Cowles on, 131.
New Jersey, pleistocene formations of, 285.
Newcomb, Simon, 100.
Newell's Flower and Fruit, 40.
Nichols, C. F., on divine healing, 43.
Nile, source of, 5.

Nissen's Swedish System of Educational Gymnastics, 194.
Numismatic association, Brooklyn, 3.
Nutall, G. H. F., on influenza bacillus, 193.

O

Ohio Academy of Science, 348.
Oil as insulator, 201; deblooming mineral, 245.
Oliver, J. E., on estimates of distance, 149.
Onomatopes, Slovan, 4.
Orang-utan, 103.
Order in the Physical World, 177.
Oriental Club, Phila., 129.
Osborn, Henry F., on Chalcotherium, 276; on scientific alliance, 176.
Osborn, Herbert, on homoptera injurious to grasses, 228.
O'Sloane's Electricity Simplified, 178.
Osteological notes, 203.
Owl, barn, in Ohio, 123.
Oxygen, magnetic, 2.

P

Palenque tablet, 328.
Pamirs, journey in, 120.
Pammel, L. H., on wind-storms and trees, 205.
Paper manufacture in Corea, 327.
Parsons's French Schools, 243.
Patent office, a new, 211; building, 188.
Patents, foreign, 301, 348.
Pauperism, 172.
Pearson's Grammar of Science, 179.
Pear-tree Psylla, 343.
Peat bogs swell and burst, 187.
Peck, W. G., death of, 102.
Peirce, C. S., 17.
Petrie's discoveries in Tel-el-Amarna, 246.
Phillips's Abroad and at Home, 292.
Philosophical Review, 25; Society, Philadelphia, sesquicentennial, 326.
Photograph for deaf-mutes, 2.
Photography, anniversary of introduction of gelatin-bromide process in, 103; star, 339.
Phosphate rocks of Florida, 3.
Physa heterostropha Say., 323.
Physical and mental correlation, 317.
Physics, a question in, 135; problem in, 106.
Planet 313, 9.
Planets, new, 171.
Plant diseases, work on, by Department of Agriculture, 113.
Plympton's How to Become an Engineer, 12.
Pneumonia, blood serum as cure for, 89.
Poison, snake, 281.
Poisoned arrows, 145.
Polariscopes, direct reflecting, 323.
Political science at Brooklyn Institute, 282.
Potterat, W. L., on Physa heterostropha Say, 323.
Powers, E., on rail-making, 52.
Preble, Jun., W. P., on four-fold space, 304.
Preserving meat ten years, 101.
Prize, Alvarenga, 46; of Boston Society of Natural History, 271; in physics, 173; to Agricultural Department, 313.
Psychical Research Society, 61.
Psychological laboratories, 129; laboratory at Columbia, 172; laboratory at Toronto, 143; research applied in anthropology, 202; training, 127; training, need of physiology and anatomy in, 165.
Psychology, American Journal of, 277.
Psylla, pear-tree, 343.
Puma, the, 169.
Pyrite incrustations, 151.

Q

Quatrefages, M. de, death of, 83.

R

Railway, African, 354.
Rain convention, 61.
Rain-drops, 326.
Rainfall of Jamaica, 102; records, 212; in Russia, 61.
Rain-making, 5; by faith, 66.
Rameses II., statue of, 130.
Rand's Economic History, 173.
Rankin, A., on dust in the atmosphere, 242.
Reclus, Elisée, 207.
Record of Scientific Progress, 153.
Redgrave, G. R., on flexible tubing, 206.
Régaméy's Japon Pratique, 41.
Reid's Peeps into China, 361.
Religions, ancient, 130; early, 155.
Religious exhibition, 121; symbolism, 120.
Remondino's The Mediterranean Shores of America, 179.
Remsen, Ira, 159.
Renan's Recollections, 55.
Retina, neuro-epithelioma of the, 93.
Review of Reviews, 194.
Richard's, Edgar, 47.
Risley, H. H., on value of nasal index, 202.
River pirate, 7.
Rivers, evolution of Loup, 59, 107, 137, 148, 220, 288.
Rogers, Wm. A., on hardness of cut diamonds, 331.
Romanes's Darwin and After Darwin, 179.
Rowe's Instruction in French Universities, 179.
Ruffner, W. H., on Minerals in Washington, 59.
Russell, R., on the untenability of atmospheric theory of epidemics, 144.
Rust, iron, 271.

S

Sahara, artesian wells in the, 327.
Salisbury, R. D., on pleistocene formations of New Jersey, 285.
Salmon industry, 74.
Salt-peter in Kilmarnock district, 131.

Samokras ff's Chronological Classification of Antiquities, 236.
 Sandstone, prismatic, 34.
 Sanford, F. C., on four-fold space, 332.
 Sanford's Laboratory Course in Psycho'logy, 137.
 Saunders's Discovery of the New World, 265.
 Schaffhausen, on the Celts, 146.
 Schmidt, Emil, on anthropological methods, 286.
 School and C. Illege, 38.
 Schweinfurth, G., on commerce of ancient Egypt, 175.
 Scientific Alliance of New York, 141, 176.
 Scorpions, 18.
 Scott, R. H., on Atlantic weather, 200.
 Scripture, E. W., 131; on psychological training, 127; on skin temperatures, 258.
 Seal habits of fur, 271.
 Sericulture in Asia Minor, 79.
 Ships, rolling of, 247.
 Shufeldt, R. W., on zoology in Washington schools, 207.
 Shufeldt, R. W., 32.
 Sidereal Messenger, 78.
 Signalling at night, 27.
 Silver in Argentine Republic, 103; memoir on, by Stas, 21.
 Singerland, M. V., on wire-worms, 18.
 Sinner's The Rationale of Mesmerism, 152.
 Sistrurus and Crotalophorus, 290.
 Skin, temperature of, 258.
 Skull, evolution of human, 146.
 Slade, D. D., entomological notes, 203.
 Smith, John B., on Hemipterous mouth, 189.
 Snake poison, 284.
 Snyder, M. B., university extension, 1.
 Southwick, E. B., on local Jassidae, 267; on local Bythoceridae and Cercopidae, 318; on local Membracidae and Fulgoridae, 357.
 Sowerby, Wm., on coffee-tea, 173.
 Space, four-fold, 272, 304, 319, 331, 332.
 Spear's Leaves and Flowers, 334.
 Specialist, the, 161.
 Species, variation in, 316.
 Spectrum photography, 118.
 Spencer, J. W., on Great Lakes, 312.
 Spencer's Roll Turning, 109.
 Spencer's Social Statics, 138.
 Spitzbergen, 158.
 Star, new, in Auriga, 160, 229.
 Stars, proper motions of, 343.
 Stas, death of, 5; on silver, 201.
 Statistical congress, 74.
 Steamship routes, 18.
 Steel, effects of surface scratches on, 327.
 Stevens, G. T., on facial expression, 253.
 Stevenson, Mrs. C., on ancient forms of religious symbolism, 129; on Egyptian religions, 136; on tomb of King Amenhotep, 212; on discoveries in Tel-el-Amarna, 246.
 Stiles, C. W., 159.
 Stone, G. H., on rain-making, 52.
 Stopes, H., on retrogressive culture in prehistoric times, 174.

Storeria victa, 199.
 Sugar beets, 200; reactions with acetone, 117; school, 324.
 Suicide in European armies, 2.
 Sully's The Human Mind, 47.
 Sumatra, survey of, 37.
 Sunflower industry, 205.
 Sun's parallax, 9.
 Sunshine recorders, 354.
 Swagger, decline of, 115.
 Sybel's German Empire, 11.
 T
 Taber, C. A. M., on climatic changes, 359; on glacial period, 118.
 Tea, aboriginal American, 51, 137, 166; brick, 355; death from, 101.
 Teaching of science, 233.
 Tel-el-Amarna, discoveries in, 246.
 Temperature, sensations of, 89; of air, snow, and earth, 89; of melting steel, 201.
 Texas Academy of Science, 60, 358.
 Thaw, silver, 131.
 Thibet, explorations in, 284.
 Thomas, Cyrus, on a key to the mystery of the Maya codices, 295; on the Palenque tablet, 328.
 Thompson, E. P., on foreign patents, 301, 348.
 Thompson, W. J., on language of Easter Island, 256.
 Thorne, C. E., on wheat in Ohio, 48.
 Throwing-sticks, 332.
 Thunder-storms, 4.
 Thurston's Steam-engine, Part II., 167.
 Tides at Klangchow, 326; yearly, 242.
 Tierra del Fuego, 172, 334.
 Tiger, sabre-toothed, 17.
 Time-service of Harvard observatory, 87.
 Todd, J. E., on Loup Rivers, 148.
 Topinard, P., on human skull, 146.
 Topinard's latest work, 230.
 Tortoise, food for, 95.
 Townsend, C. H. Tyler, on the Diptera, 320; on insects held in dread, 337.
 Trachea of insects, 65.
 Trees of West Virginia, 161; wind-storms and, 205.
 Treves's Physical Education, 215.
 Trimble's The Tannins, 181.
 Troy, D. S., on motion and heat, 132, 147.
 True, F. W., on the puma, 169.
 Tubing, flexible, 206.
 Turner, C. H., on the avian brain, 16.
 Tuskalcosa formation, 274.
 Tyndall's New Fragments, 69.
 U
 Unconsciousness, explanations of, 284.
 University extension, 1; proceedings, 333; of Dublin tercentenary, 200.
 V
 Vaccination in India, 243.
 Variation in species, 316; in types, 27; artificial production of, 236; in vertebrates, 292.

Veeder, M. A., on the aurora, 250.
 Vein formation, 214.
 Venezuela and Colombia, 171.
 Vesicles of Savi, 128.
 Vesuvius, eruptions of, 9.
 Victoria Nyanza, 330.
 Volcanic action in England, 145.

W

Wahnschaffe's Examination of Soils, 178.
 Wake, C. Staniland, on activism, 142; on color, 264; on four-fold space, 331.
 Wallace's Island Life, 236.
 Ward, R. deC., on a river pirate, 7.
 Ward, Stanley H., on first locomotive, 80.
 Warder, R. B., on a lump of salt and a glass of water, 71.
 Water, bacteria in, 128; discoloration of, 32.
 Waves, height of, 59.
 Weather of Paris, 32; of the Atlantic and of Great Britain, 200.
 Weeds, 116; as fertilizing material, 356; at Chicago Exposition, 159.
 Weismann's Heredity, 361.
 Welch, Wm. H., on tox-albumin diphtheria, 198.
 West, G. M., on variation in type, 336.
 Whaling in the Antarctic, 355.
 Wheat in Ohio, 48; rust, 271.
 Whipple, G. M., on astromographs, 326.
 White race, origin of, 360.
 White's Number Lessons, 13.
 Whitman, C. O., on variation in types, 277.
 Whymper's Great Andes, 176.
 Wiley, H. W., on floridite, 3; on midzu-ame, 45.
 Will, analysis of, 62.
 Williams, C. T., on meteorological observations at health resorts, 214.
 Williams, E. H., Jun., on family traits, 220.
 Wind-storms and trees, 205.
 Wines of Medoc, 74; sophisticated French, 185.
 Wire-worms, 18.
 Woelkof, A., on Russian famine, 131.
 Woman, criminal anthropology of, 316.
 Work and its relation to gaseous compression, 150.
 Wright, G. F., on H. Carvill Lewis's work on glacial phenomena, 305.
 Wright, J. McN., on food for tortoise, 95; on hypnotism among animals, 95; on traumatic hypnotism, 66.

Y

Yale Review, 330.
 Yellow-fever, cold treatment of, 131.
 Younghusband's, Capt. F. E., journeys in the Pamirs, 120.
 Z
 Zeitschrift für anorganische Chemie, 179.
 Zimbabwe ruins, 144, 343.
 Zoology in Washington schools, 207.