INDEX to VOL. XXVI.

ABEL (F. A.), royal medal awarded to, 447.
Air, the examination of the (R. A. Smith), 512.
Airy (Sir G. B.) on the tides at Malta, 485.
Alps, observations on hermetically-sealed flasks opened on the (Tyndall), 487.
Ani (sphincter), automatic action of the (Gowere), 77.
Aniline, transformation of leucoline into (Dewar), 65.
Anniversary Meeting, Nov. 30, 1877, 426.
Annual Meeting for election of Fellows, June 7, 1877, 288.
Arctic seas, on the tides of the: Part VII. Tides of Port Kennedy, in Bellot Strait (Haughton), 63.
Asia and Europe, on the probable age of the continent of (Haughton), 401.
Atlantic cable, on the rapidity of growth and variability of some Madreporaria on an (Duncan), 133.
Attraction and repulsion of bubbles by heat (Hartley), 137.
Auditors, election of, 410; report of, 426.
Automatic action of the sphincter ani (Gowere), 77.

Bacteria, remarks on the attributes of the germinal particles of (Burdon Sanderson), 416.
—, researches on the effect of light upon, and other organisms (Downes and Blunt), 488.
Bakerian Lecture, on the organization of the fossil plants of the coal-measures (Williamson), 411.
Balance-sheet, 452.
Barkly (Sir Henry), admitted, 288.
Beds of chert in the upper carboniferous limestones of Ireland, on the nature and origin of the (Hull), 163.
Berthelot (M.), elected foreign member, 504.
Boryls, researches on emeralds and: Part II. (Williams), 165.
Bischof (G.) on putrescent organic matter in potable water, 152.
Blood, the physiology of sugar in relation to the (Pavy), 314; No. 2, 346.
Blunt (T. P.) and A. Downes, researches on the effect of light upon Bacteria and other organisms, 488.
Bosanquet (R. H. M.) on the Hindoo division of the octave, with some additions to the theory of systems of the higher orders, 372.
Brain, the relationship of the nerve-cells of the cortex to the lymphatic system of the (Lewis), 326.
Brazil, Emperor of, admitted, 288.
Brown (F. D.), the physical properties of homologues and isomers, 238.
Bubbles, on attraction and repulsion of, by heat (Hartley), 137.
—, on the constant vibration of minute (Hartley), 159.
Bunsen (K. W.), Davy medal awarded to, 450.

Candidates for election, list of, March 1, 1877, 1.
Carboniferous limestones of Ireland, on the nature and origin of the beds of chert in the upper (Hull), 163.
Chert, on the nature and origin of the beds of, in the upper carboniferous limestones of Ireland (Hull), 163.
Chick, note on the early stages of development of the nerves in the (Marshall), 47.
Chinoline series, studies in the: I. Transformation of leucoline into aniline (Dewar), 65.
Chloride-of-silver battery, experimental researches on the electric discharge with the (De La Rue and Müller), 519.
—, on the length of the spark between
two spherical surfaces of the (De La Rue and Müller), 324.
Christie (W. H. M.) on the magnifying-power of the half-prism as a means of obtaining great dispersion, and on the general theory of the half-prism spectroscope, 8.
Clarke (G. S.) and H. M'Leod on some figures exhibiting the motion of vibrating bodies, and on a new method for determining the speed of machines, 157.
Clifton (R. B.) on the difference of potential produced by the contact of different substances, 299.
Coal-measures, on the organization of the fossil plants of the: Part IX. Latest researches on the plants of the British coal-measures, especially of the Calamites and Lepidodendra (Williamson), 411.
Coleridge (Lord), elected, 210; admitted, 225.
Conduction (electrolytic) of some organic bodies (Gladstone and Tribe), 2.
Contact of different surfaces, on the difference of potential produced by the (Clifton), 299.
Copley medal awarded to J. D. Dana, 446.
Cortex, the relationships of the nerve-cells of the, to the lymphatic system of the brain (Lewis), 326.
Council, list of, 416, 451.
Crookston (C.), points of resemblance between the suprarenal bodies of the horse and dog, and certain occasional structures in the ovary, 500.
Crookes (W.) on repulsion resulting from radiation: preliminary note on the othoscope, 176.
Crystalline plate, on the foci of lines seen through a (Stokes), 386.
Crystals, on some hitherto undescribed optical properties of doubly refracting (Sorby), 384.
Curves, on hyperjacobiabian surfaces and (Spottiswoode), 226.
Daily range of the magnetic declination, on the variations of the, as recorded at the Kew observatory (Stewart), 102.
Dana (J. D.), Copley medal awarded to, 446.
Darwin (E.) on the protrusion of protoplasmic filaments from the glandular hairs of the common teasel (Dipsacus sylvestris), 4.
Decaisee (J.) elected foreign member, 504.
Declination (magnetic), on the varia-
tions of the daily range of the, as recorded at the Kew observatory (Stewart), 102.
Definite integrals, on certain (Russell), 359.
De La Rue (W.) and H. W. Müller on the length of the spark from a voltaic battery in different gases at ordinary atmospheric pressures, 227.
— — on the length of the spark between two spherical surfaces of the chloride-of-silver battery, 324.
— — experimental researches on the electric discharge with the chloride-of-silver battery, 519.
Density of solid mercury (Mallet), 71.
Dentine, on the structure and development of vascular (Tomes), 43.
Dewar (J.), admitted, 288.
— — studies in the chinoline series: I. Transformation of leucoline into aniline, 65.
Dipsacus sylvestris, 4.
Discharges, on stratified: IV. Stratified and unstratified forms of the jar-discharge (Spottiswoode), 90.
— — photographic image of (Spottiswoode), 323.
Dispersion, on the magnifying-power of the half-prism as a means of obtaining great (Christie), 8.
Dog, suprarenal bodies of the horse and (Creighton), 500.
Donation Fund, account of grants from the, 1876–77, 457.
Downes (A.) and T.P. Blunt, researches on the effect of light upon Bacter ia and other organisms, 488.
Du Bois-Reymond (E.) elected foreign member, 504.
Duncan (P. M.) on the rapidity of growth and variability of some Madreporaria on an Atlantic cable, with remarks upon the rate of accumulation of Foraminiferal deposits, 133.
Election of Fellows, 288.
Electric current, on the increase in resistance to the passage of an, produced on wires by stretching (Tomlinson), 491.
— — discharge with the chloride-of-silver battery, experimental researches on the (De La Rue and Müller), 519.
Electrolytes, distribution of the radicals of, upon an insulated metallic conductor (Tribe), 222.
— — production of induced currents in (Fleming), 40.
Electrolytic conduction of some organic bodies, note on the (Gladstone and Tribe), 2.
Electromotive properties of muscle, correction of statement in the note on the (Sanderson), 322.
INDEX.

Electrostatic capacity of glass (Hopkinson), 298.
Electrostriction, on (Mills), 504.
Elie de Beaumont (J. B. A. L. L.), obituary notice of; iv.
Emeralds and beryls, researches on: Part II. On some of the processes employed in the analysis of emeralds and beryls (Williams), 165.
Epidermis and subepidermic lymphatics, on the ultimate distribution of nerves to the (Hoggan), 289.
Evans (John), presentation of a portrait of Sir John Herschel, 410.
Ewing (J. A.) and F. Jenkin on friction between surfaces moving at slow speeds, 93.
Excitability of motor nerves, further observations on the modification of the (Romanes), 211.
Fayrer (Sir Joseph), admitted, 288.
Fellows elected, 288, 427; deceased, 427; number of, 451.
Ferments and germs, note on Dr. Burdon Sanderson's latest views of (Tyndall), 353.
Ferrers (Rev. N. M.), admitted, 288.
Filaments, on the protrusion of protoplasmic, from the glandular hairs of the common teasel (Darwin), 4.
Fleming (J. A.) on magneto-electric induction in liquids and gases: Part I. Production of induced currents in electrolytes, 40.
Foci of lines, on the, seen through a crystalline plate (Stokes), 386.
Foraminiferous deposits, remarks upon the rate of accumulation of (Duncan), 133.
Foreign members, election of, 504.
Fossil plants of the coal-measures, on the organization of the: Part IX. (Williamson), 411.
Fraser (Dr. T. R.), admitted, 325.
Frere (Sir H. Bartle E.), elected, 210.
Friction (on) between surfaces moving at low speeds (Jenkin and Ewing), 93.

Galton (F.), description of the process of verifying thermometers at the Kew observatory, 84.
Gases, on magneto-electric induction in liquids and: Part I. (Fleming), 40.
——, on the length of the spark from a voltaic battery in different, at ordinary atmospheric pressures (De La Rue and Müller), 227.
Geology (physical), notes on (Haughton), Nos. I. & II., 51; No. III. On the probable age of the continents of Asia and Europe, and on the absolute measure of geological time, 401; No. III. On a new method of finding limits to the duration of certain geological periods, 534.

VOL. XXVI.

Germinal particles of Bacteria, remarks on the attributes of the, in reply to Dr. Tyndall (Burdon Sanderson), 416.
Germ, note on Dr. Burdon Sanderson's latest views of ferments and (Tyndall), 353.
Gladstone (J. H.) and A. Tribe, note on the electrolytic conduction of some organic bodies, 2.
Glandular hairs of the common teasel, on the protrusion of protoplasmic filaments from the (Darwin), 4.
Glass, refractive indices of (Hopkinson), 290.
——, electrostatic capacity of (Hopkinson), 298.
Government fund of £4000, account of appropriations from the, 1877, 458.
Government grant of £1000, account of the appropriation of the, 1877, 457.
—— balance-sheet, 458.
Gowers (W. R.), the automatic action of the sphincter ani, 77.
Half-prism, on the magnifying-power of the, as a means of obtaining great dispersion, and on the general theory of the "half-prism spectroscope" (Christie), 8.
Hallier (A. von), portrait of, presented by Dr. Sharpey, 411.
Hardman (E. T.), chemical notes on Mr. Hull's paper on the beds of chert, 163.
Harley (W. N.) on attraction and repulsion of bubbles by heat, 137.
—— on the constant vibration of minute bubbles, 150.
Haughton (Rev. S.), notes on physical geology: Nos. I. & II., 51; No. III. On the probable age of the continent of Asia and Europe, and on the absolute measure of geological time, 401; No. III. On a new method of finding limits to the duration of certain geological periods, 534.
—— on the tides of the arctic seas: Part VII. Tides of Port Kennedy, in Bellot Strait (final discussion), 63.
Heat, on attraction and repulsion of bubbles by (Hartley), 137.
Heating and cooling, on certain molecular changes which occur in iron and steel during the separate acts of, 127.
Heer (Oswald), royal medal awarded to, 449.
Hermetically-sealed flasks, observations on, opened on the Alps (Tyndall), 487.
Herschel (Sir John), portrait of, presented by J. Evans, 410.
Hindoo division of the octave (Bosanquet), 372.
Hodgson (B. H.), admitted, 416.
Hoggan (G. and F. E.) on the minute structure and relationships of the lymphatics of the mammalian skin, and on
the ultimate distribution of nerves to the epidermis and subepidermic lymphatics, 289.
Homologues and isomers, the physical properties of (Brown), 288.
Hooker (Sir J. D.), President’s address, 427.
Hopkinson (J.), refractive indices of glass, 290.
- electrostatic capacity of glass, 298.
Horse and dog, suprarenal bodies of the (Creighton), 500.
Huggins (W.) on the inferences to be drawn from the appearance of bright lines in the spectra of irresolvable nebulae, 179.
Hull (E.) on the nature and origin of the beds of chert in the upper carboniferous limestones of Ireland, 163.
Human body, on the temperature of the, in health (Ringer and Stuart), 186.
Hyperjacobian surfaces and curves (Spottiswoode), 226.
Induction, on magneto-electric, in liquids and gases: Part I. (Fleming), 40.
Induction-coefficients of magnets, on the temperature-correction and (Whipple), 218.
Integrals, on certain definite (Russell), 359.
Iron and steel, on certain molecular changes which occur in, during the separate acts of heating and cooling (Norris), 127.
Isomers, the physical properties of homologues and (Brown), 288.
Janssen (J.), photograph of the sun on glass presented by, 504.
Jar-discharge, stratified and unstratified forms of the (Spottiswoode), 90.
Jenkin (F.) and J. A. Ewing on friction between surfaces moving at low speeds, 93.
Judd (J. W.), admitted, 288.
Kerguelen, magnetic observations at (Perry), 95.
Kew committee, report of the, 1877, 461.
Kew observatory, description of the process of verifying thermometers at the (Galton), 84.
- magnetic observations made at the, 1876–77, 470.
- meteorological observations made at the, 1876–77, 476.
- on the variations of the daily range of the magnetic declination as recorded at the (Stewart), 102.
Kirchhoff (G. R.), Davy medal awarded to, 450.
Kolbe (A. W. II.) elected foreign member, 504.
Leuckart (R.) elected foreign member, 504.
Leucoline, transformation of, into aniline (Dowar), 65.
Lewis (B.), the relationships of the nerve-cells of the cortex to the lymphatic system of the brain, 326.
Life composition of £40, repeal of the statute relating to the, 325.
Light, researches on the effect of, upon Bacteria and other organisms (Downes and Blunt), 488.
Limestones (upper carboniferous) of Ireland, on the nature and origin of the beds of chert in the (Hull), 163.
Lines in the spectra of irresolvable star-clusters, on a cause for the appearance of bright (Stone), 156, 517.
- in the spectra of irresolvable nebulae, on the inferences to be drawn from the appearance of bright (Huggins), 179.
Liquids and gases, on magneto-electric induction in (Fleming): Part I, 40.
Lymphatic system of the brain, the relationships of the nerve-cells of the cortex to the (Lewis), 326.
Lymphatics of the mammalian skin, on the minute structure and relationships of the (Hoggan), 289.
Machines, a new method for determining the speed of (McLeod and Clarke), 157.
McLachlan (R.), admitted, 288.
McLeod (H.) and G. S. Clarke on some figures exhibiting the motion of vibrating bodies, and on a new method for determining the speed of machines, 157.
Madras, on the alleged correspondence of the rainfall at, with the sun-spot period (Strachey), 249.
Madreporaria, on the rapidity of growth and variability of some, on an Atlantic cable (Duncan), 133.
Magnetic declination, on the variations of the daily range of the, as recorded at the Kew observatory (Stewart), 102.
Magnetic observations at Kerguelen (Perry), 95.
- made at the Kew observatory, 1876–77, 470.
Magneto-electric induction in liquids and gases (Fleming): Part I., 40.
Magnets, on the temperature-correction and induction-coefficients of (Whipple), 218.
Magnifying-power (on the) of the half-prism as a means of obtaining great dispersion (Christie), 8.
Mallet (J. W.) on the density of solid mercury, 71.
Malta, on the tides at (Airy), 485.
Marshall (A. M.), note on the early stages
INDEX.

of development of the nerves in the chick, 47.
Maskelyne (N. S.) and W. J. Russell, an attempt to form double salts of nitrate of silver and other nitrates, 357.
Medals, presentation of, the, 446.
Mercury, on the density of solid (Mallet), 71.
Meteorological observations made at the Kew observatory, 1876-77, 476.
Mills (E. J.) on electrostriction, 504.
Molecular changes, on certain, which occur in iron and steel during the separate acts of heating and cooling (Norris), 127.
Moseley (H. N.), admitted, 410.
Motion of vibrating bodies, on some figures exhibiting the (M‘Leod and Clarke), 157.
Motor nerves, further observations on the modification of the excitability of, produced by injury (Romanes), 211.
Müller (H. W.) and W. De La Rue on the length of the spark from a voltaic battery in different gases at ordinary atmospheric pressures, 227.
— on the length of the spark between two spherical surfaces of the chloride-of-silver battery, 324.
— experimental researches on the electric discharge with the chloride-of-silver battery, 519.
Muscle, correction of statement in the note on the electromotive properties of (Sanderson), 322.
Nebulae, on the inferences to be drawn from the appearance of bright lines in the spectra of irresolvable (Huggins), 179.
— see Stone.
Nerve-cells of the cortex, the relationships of the, to the lymphatic system of the brain (Lewis), 326.
Nerves, further observations on the modification of the excitability of motor, produced by injury (Romanes), 211.
—in the chick, note on the early stages of development of the (Marshall), 47.
— on the ultimate distribution of, to the epidermis and subepidermic lymphatics (Hoggan), 289.
Newcomb (S.) elected foreign member, 504.
Nitrate of silver, an attempt to form double salts of, and other nitrates (Russell and Maskelyne), 357.
Niven (W. D.) on the calculation of the trajectories of shot, 268.
Norris (R.) on certain molecular changes which occur in iron and steel during the separate acts of heating and cooling, 127.
Obituary notices of Fellows deceased:—
Dr. Sibson, i.
Octave, on the Hindoo division of the (Bosanquet), 372.
Optical properties of doubly refracting crystals, on some hitherto undescribed (Sorby), 384.
Organic bodies, note on the electrolytic conduction of some (Gladstone and Tribe), 2.
Organic matter, on putrescent, in potable water (Bischof), 152.
Organisms, further researches on the deporation and vital resistance of putrefactive and infective (Tyndall), 228.
Othoscope, preliminary note on the (Crookes), 176.
Ovary, points of resemblance between the suprarenal bodies of the horse and dog, and certain occasional structures in the (Creighton), 500.
Paraffins, on the normal (Scholemmer):—
Part II, 325.
Pavy (F. W.), the physiology of sugar in relation to the blood, 314; No. 2, 346.
Pedro II., Emp. of Brazil, admitted, 288.
Periodicity, on the true criterion of, in a series of variable quantities (Strachey), 249.
Perry (Rev. S. J.), magnetic observations at Kerguelen, 95.
Photographic image of stratified discharges (Spottiswoode), 323.
Physical geology, notes on (Haughton), Nos. I. & II., 51; No. III., 401, 534.
Physical properties of homologues and isomers (Brown), 238.
Physiology of sugar in relation to the blood (Pavy), 314; No. 2, 346.
Plants (fossil) of the coal-measures, on the organization of the: Part IX. (Williamson), 411.
Port Kennedy in Bellot Strait, tides of, final discussion (Haughton), 63.
Potable water, on putrescent organic matter in (Bischof), 152.
Potential, on the difference of, produced by the contact of different substances (Clifton), 299.
Presents, list of, 121, 181, 262, 363, 479, 555.
President’s address, 427.
Prism (half-), on the magnifying-power of the, as a means of obtaining great dispersion (Christie), 8.
Protoplasmic filaments, on the protrusion of, from the glandular hairs of the common teasel (Darwin), 4.
Putrefactive and infective organisms, further researches on the deporation and vital resistance of (Tyndall), 228.
Putrescent organic matter in potable water (Bischof), 152.
INDEX.

Radiation, repulsion resulting from (Crookes), 176.
Radicals of electrolytes, distribution of the, upon an insulated metallic conductor (Tribe), 222.
Radiometers, on certain movements of (Stokes), 546.
Rainfall at Madras, on the alleged correspondence of the, with the sun-spot period (Strachey), 249.
Rayleigh (Lord) on the amplitude of sound-waves, 248.
Refracting (doubly) crystals, on some hitherto undescribed optical properties of (Sorby), 384.
Refractive indices of glass (Hopkinson), 290.
Reinold (A. W.) and A. W. Rücker on the thickness of soap films, 334.
Repulsion, on attraction and, of bubbles by heat (Hartley), 137.
— resulting from radiation: preliminary note on the otsoscope (Crookes), 176.
Reynolds (Osborne), admitted, 288.
Ringer (S.) and A. P. Stuart on the temperature of the human body in health, 186.
Rivers, experimental demonstration in respect to the origin of windings of, in alluvial plains (Thomson), 356.
Roberts (W.), admitted, 288.
Romanes (G. J.), further observations on the modifications of the excitability of motor nerves produced by injury, 211.
Royal medal awarded to F. A. Abel, 447; to Oswald Heer, 449.
Rücker (A. W.) and A. W. Reinold on the thickness of soap films, 334.
Russell (W. H. L.) on certain definite integrals, 350.
Russell (W. J.) and N. S. Maskelyne, an attempt to form double salts of nitrate of silver and other nitrates, 357.

Saline solutions, on supersaturated (Tomlinson), 523.
Salts of nitrate of silver and other nitrates, an attempt to form double (Russell and Maskelyne), 357.
Sanderson (Burdon), correction of statement in the "note on the electromotive properties of muscle," 322.
—, remarks on the attributes of the germinal particles of Bacteria, in reply to Dr. Tyndall, 418.
—, his latest views of ferments and germs, note on (Tyndall), 353.
Schöllnemer (C.) on the normal paraffins: Part II., 325.
Sharpey (Dr.), letter relative to a portrait of Haller, 411.
Shot, on the calculation of trajectories of (Niven), 298.
Sibson (Dr.), obituary notice of, 1.
Silver (nitrate of), an attempt to form double salts of, and other nitrates (Russell and Maskelyne), 357.
Skin, on the minute structure and relationships of the lymphatics of the mammalian, 289.
Smith (R. Angus), the examination of the air, 512.
Soap films, on the thickness of (Reinold and Rücker), 334.
Sorby (H. C.) on some hitherto undescribed optical properties of doubly refracting crystals: preliminary notice, 384.
Sound-waves, on the amplitude of (Rayleigh), 248.
Spark, on the length of the, between two spherical surfaces of the chloride-of-silver battery, 324.
—, on the length of the, from a voltaic battery in different gases at ordinary atmospheric pressures (De La Rue and Müller), 227.
Spectra of irresolvable nebulae, on the inferences to be drawn from the appearance of bright lines in the (Huggins), 179.
— of irresolvable star-clusters, on a cause for the appearance of bright lines in the (Stone), 156, 517.
Spectroscope (half-prism), on the general theory of the (Christie), 8.
Speed of machines, a new method for determining the (M’Leod and Clarke), 157.
Speeds (low), on friction between surfaces moving at (Jenkin and Ewing), 93.
Sphincter ani, the automatic action of the (Gowers), 77.
Spottiswoode (W.) on hyperjacobian surfaces and curves, 226.
— on stratified discharges: IV. Stratified and unstratified forms of the jar-discharge, 90.
—, photographic image of stratified discharges, 323.
Star-clusters, on a cause for the appearance of bright lines in the spectra of irresolvable (Stone), 156, 517.
—, see Huggins.
Steel, on certain molecular changes which occur in iron and, during the separate acts of heating and cooling (Norris), 127.
Stewart (B.) on the variations of the daily range of the magnetic declination as recorded at the Kew observatory, 102.
Stokes (G. G.) on certain movements of radiometers, 546.
— on the foci of lines seen through a crystalline plate, 386.
Stone (E. J.) on a cause for the appearance of bright lines in spectra of irresolvable star-clusters, 156, 517.
INDEX.

Strachey (General) on the alleged correspondence of the rainfall at Madras with the sun-spot period, and on the true criterion of periodicity in a series of variable quantities, 240.

Stratified discharges, on: IV. Stratified and unstratified forms of the jar-discharge (Spottiswoode), 90.

—— photographic image of (Spottiswoode), 323.

Stretching, on the increase of resistance to the passage of an electric current, produced on wires by (Tomlinson), 401.

Stuart (A. P.) and S. Ringer on the temperature of the human body in health, 186.

Sugar, the physiology of, in relation to the blood, 314; No. 2, 346.

Sun-spot period, on the alleged correspondence of the rainfall at Madras with the (Strachey), 249.

Supersaturated saline solutions, on (Tomlinson), 523.

Suprarenal bodies of the horse and dog, points of resemblance between the, and certain occasional structures in the ovary (Creighton), 500.

Surfaces moving at low speeds, on friction between (Jenkin and Ewing), 93.

Surfaces, on hyperjacobian, and curves (Spottiswoode), 220.

Teasel, on the protrusion of protoplasmic filaments from the glandular hairs of the common (Darwin), 4.

Temperature of the human body in health (Ringer and Stuart), 186.

Temperature-correction and induction-coefficients of magnets (Whipple), 218.

Thermometers, description of the process of verifying at the Kew observatory (Galton), 84.

Thomson (J.), admitted, 288.

—— experimental demonstration in respect to the origin of windings of rivers in alluvial plains, and to the mode of flow of water round bends of pipes, 356.

Tides at Malta (Airy), 485.

—— of the arctic seas: Part VII. Tides of Port Kennedy, in Bellot Strait: final discussion (Haughton), 63.

Time, on the absolute measure of geological (Haughton), 401.

Tomes (C. S.) on the structure and development of vascular dentine, 43.

Tomlinson (C.) on supersaturated saline solutions, 523.

Tomlinson (H.) on the increase in resistance to the passage of an electric current produced on wires by stretching, 401.

Trajectories of shot, on the calculation of the (Niven), 268.

Tribe (A.), distribution of the radicals of electrolytes upon an insulated metallic conductor, 222.

—— and J. H. Gladstone, note on the electrolytic conduction of some organic bodies, 2.

Trust funds, 454–456.

Tschebytschew (P.) elected foreign member, 504.

Turner (W.), admitted, 288.

Tyndall (J.), further researches on the deportment and vital resistance of putrefactive and infective organisms, from a physical point of view, 228.

—— note on Dr. Burdon Sanderson’s latest views of ferments and germs, 353.

—— reply to, by Dr. Burdon Sanderson, 416.

—— observations on hermetically-sealed flasks opened on the Alps, 457.

Vascular dentine, on the structure and development of (Tomes), 43.

Vibrating bodies, on some figures exhibiting the motion of (M’Leod and Clarke), 157.

Vibration, on the constant, of minute bubbles (Hartley), 150.

Vice-Presidents appointed, 485.

Voltic battery, on the length of the spark from a, in different gases at ordinary atmospheric pressures (De La Rae and Müller), 227.

Water, on putrescent organic matter in potable, 152.

—— on the mode of flow of, round bends of pipes (Thomson), 356.

Whipple (G. M.) on the temperature-correction and induction-coefficients of magnets, 218.

Williams (G.), researches on emeralds and beryls: Part II. On some of the processes employed in the analysis of emeralds and beryls, 165.

Williamson (W. C.) on the organization of the fossil plants of the coal-measures: Part IX. On the latest researches into the organization of the fossil plants of the British coal-measures, especially of the Calamites and Lepidodendra, 411.

Windings of rivers in alluvial plains, experimental demonstration in respect to the origin of (Thomson), 356.

END OF THE TWENTY-SIXTH VOLUME.