

II. CHEMICAL AND PHARMACEUTICAL PROCESSES AND PRODUCTS GENERALLY.

J. Dumas, *Chairman*, France; Former Minister of Agriculture and Commerce, Member of Institute, &c.
 Thomas Graham, F.R.S., *Deputy Chairman* and *Reporter*, 4, Gordon Square; Professor of Chemistry,
 University College.
 Jacob Bell, M.P., 15, Langham Place; Pharmacist.
 Michele Galeani, M.D., Sicily; Doctor of Medicine.
 George Gosseleth, Austria; Chemical Manufacturer
 John Mercer, F.C.S, Oakenshaw, near Accrington, Lancashire; Calico Printer.
 H. L. Pattinson, F.C.S, 10, Grey Street, Newcastle-on-Tyne; Chemical Manufacturer.
 Dr. Varentrapp, Zollverein; Professor of Chemistry.

ASSOCIATES.

Thomas Anderson, M.D., F.R. A.S., Edinburgh; Chemist to the Highland and Agricultural Society of
 Scotland.
 — Balard,* France; Member of the Institute, &c.
 L. L. Bonaparte, France; Member of the National Assembly.
 William Linton, 7, Lodge Place, St. John's Wood; Artist.
 A. Payen,† France; Member of the Institute, Professor at the Conservatory of Arts and Sciences,
 Member of the Central Jury, &c.
 Eugène Peligot,‡ France; Professor at the Conservatory of Arts and Sciences, Member of the Central
 Jury.
 John Percy, M.D., F.R.S., Museum of Practical Geology, London; Professor of Metallurgy.
 J. Persoz,§ France; Professor of Chemistry at Petersburg, Member of the Central Jury, &c.
 * Juror in Class XXVIII. † Juror in Class IV.
 ‡ Juror in Class XXIV. § Juror in Class XVIII.

III. SUBSTANCES USED AS FOOD.

Edward de Lode, Chairman, Russia; Member of the Institute for the Administration of the Domains of
 the Empire.
 Sir J. P. Boileau, Bart., F.R.S., Deputy Chairman, 20, Upper Brook Street.
 Joseph D. Hooker, M.D., R.N., F.R.S., Reporter, Royal Gardens, Kew; Botanist.
 Comte Herve de Kergolay, France; Secretary of the Central Jury, &c.
 Dr. J. Lindley, F.R.S., 21, Regent Street; Professor of Botany, University College.
 Asubel Smith, United States; Planter.

No Associates in this Class.

IV. VEGETABLE AND ANIMAL SUBSTANCES CHIEFLY USED IN MANUFACTURES, AS IMPLEMENTS, OR
 FOR ORNAMENT.

Professor Richard Owen, F.R.S., Chairman and Joint Reporter, College of Surgeons, Lincoln's Inn
 Fields; Curator to the College of Surgeons.
 A. Payen, Deputy Chairman, France; Member of the Institute, Professor to the Museum of Arts and
 Sciences, Member of the Central Jury, &c.
 Professor Edward Solly, Joint Reporter, F.R.S., 15, Tavistock Square; Lecturer on Chemistry at
 Addiscombe.
 Judge E. S. Duncan, United States.
 Dr. J. F. Royle, F.R.S., Heathfield Lodge, Acton; Professor of Materia Medica, King's College.
 Ramon de la Sagra, Spain; Corresponding Member of National Institute of France.
 N. Wallich, M.D., F.R.S., 5 Upper Gower Street, Bedford Square; formerly Curator of the Botanical
 Gardens, Calcutta.
 F. Wehe, Zollverein; Councillor of Home Economy.

ASSOCIATE.

George Peterson*, Russia; Member of the Scientific Committee for the Administration of the Domains
 of the Empire.

* Juror in Class XXVIII.

V. MACHINES FOR DIRECT USE, INCLUDING CARRIAGES AND RAILWAY AND NAVAL MECHANISM.

Rev. Henry Moseley, M.A., F.R.S., Chairman and Reporter, Wandsworth; Inspector of Schools, and
 formerly Professor of Mechanics at King's College.
 Colonel A. Morin, Deputy Chairman, France; Member of Institute and of Central Jury, and Director
 to Museum of Arts and Sciences.
 Chevalier Adam de Burg, Austria; Director of Imperial Polytechnic Institute, Vice-President of
 Society of Arts and Manufactures, &c.
 Luigi Cappelletto, Austria; Mechanical Engineer.
 Professor Wilhelm Engerth, Austria.
 W. Fairbairn, Manchester; Mechanical Engineer.
 John Farey, 67 Upper Guildford Street, Russell Square; Consulting Engineer.
 John Hick, Bolton-le-Moors; Mechanical Engineer.
 H. Maudslay, 4 Cheltenham Place, Lambeth; Mechanical Engineer.
 Robert McCarty, United States; Civil Engineer.
 Robert Napier, Glasgow; Mechanical Engineer and Ship-builder.
 Charles de Rossius-Orban, Belgium; Vice-President of the Chamber of Commerce of Liège.