

Charity Calendar.

APRIL 10TH.

The Duke and Duchess of Teck visit Llandudno to place the corner-stone of the Church in course of erection as a memorial to the Duke of Clarence.

APRIL 17TH.

Princess Mary Adelaide, Duchess of Teck, visits Derby to open the Royal Infirmary Bazaar.

APRIL 25TH.

The Annual Meeting and Election of Candidates, Earlswood Asylum for Idiots.

APRIL 26TH.

The Duke of Cambridge, President of the Institution, will preside at the 50th Anniversary of the German Hospital, Whitehall Rooms, Hôtel Métropole.

APRIL 30TH.

The Lord Chief Justice of England presides at the Festival Dinner of the London Hospital for Diseases of the Chest, at the Hôtel Métropole.

The Twenty-fifth Annual Ball, in aid of the Metropolitan and City Police Orphanage, will take place at the Cannon Street Hotel, attended by the Lord and Lady Mayoress and the Sheriffs.

MAY 1ST.

The Ambassador of the United States, the Hon. Thomas F. Bayard, will preside at the Festival Dinner on behalf of King's College Hospital, to be held at the Hôtel Métropole.

MAY 3RD.

Lord Wantage will preside at the Festival in aid of the funds of the Royal Blind Pension Society, at the Fishmongers' Hall, kindly lent by the Fishmongers' Company.

MAY 4TH.

Her Royal Highness Princess Mary Adelaide will preside at the Tenth Annual Meeting of the Soldiers and Sailors' Families Association, to be held at the Royal United Service Institution at three o'clock. Application for tickets should be made to Colonel Gildea, 7 Knaresborough Place.

MAY 10TH.

The Duke and Duchess of York visit Sheffield to open the New Wing of the Public Hospital, and lay the Foundation Stone of another Wing, distribute prizes to the Artillery Volunteers, &c. Their visit will extend over four days.

MAY 14TH.

Princess Louise has consented to open a Floral Fête and Fancy Fair in the Pier Pavilion, Southend-on-Sea, on behalf of the new Holiday Home for Crippled Children to be erected by the Ragged School Union.

Princess Henry of Battenberg will open a Bazaar, under the patronage of Her Majesty, in aid of the Building Fund of the Royal Westminster Ophthalmic Hospital, at St. Martin's Town Hall.

MAY 17TH.

The Duke of Cambridge will preside at the Festival Dinner of the Hospital for Sick Children, Great Ormond Street, at the Hôtel Métropole.

MAY 23RD.

Earl Compton, M.P., will preside at the Annual Dinner of the Royal Hospital for Incurables, West Hill, Putney Heath, at the Albion Tavern, Aldersgate Street.

Science Notes.

COD-LIVER OIL.

DR. PECKEL MÖLLER has written a book on "Cod-Liver Oil and Chemistry," for the information of medical men and others. The book includes accounts of Norway, "the land of the midnight sun and cod-liver oil," of the fisheries and fishermen, of the history of the oil from the year 1822, and of the most recent researches on it.

Formerly the oil was so nauseous that the patient was tempted to say "Life is not worth living if it is to be only at the cost of taking cod-liver oil." All manner of compounds were recommended as additions to the oil to render it more palatable; for instance, beer, iron-water, oil of peppermint, coffee, eucalyptus oil, wood-tar, ammonia, ketchup, celery-seed, vinegar, iodoform, saccharin, acetic ether, &c.

It is said, however, that a better method of preparation renders the unadulterated oil quite inoffensive. It has been shown to contain two compounds of an unstable nature which readily combine with the oxygen of the air; it is these oxygen compounds which formerly rendered the oil so objectionable.

The new process of extraction excludes air from the livers throughout the series of operations, substituting for it carbon dioxide.

RECENT observations made at Aberystwyth confirm the statements of different naturalists, from Aristotle onwards, that the common limpet settles down on some eligible spot (its "scar"), to which it always returns after feeding. The limpet has eyes, but is too low down in the animal world to possess definite organs of hearing or smell; it has tentacles which serve it as general sense organs, and these appear to guide it in its wanderings.

Everyone who has attempted to detach a limpet from its scar must know how fruitless is the attempt, unless the attack is made in an unguarded moment when the animal is perhaps just about to set off, or has just returned from its peregrinations. This close sticking to the rock has been attributed to the secretion of a glutinous substance and also to the formation of a vacuum under the foot. It appears to be due to neither the one nor the other; from observation of limpets adhering to plate glass it is found that the foot is so closely applied to the substratum that the animal is held on by atmospheric pressure without any vacuum being produced.

IN pursuing his researches on Argon, Professor Ramsay has lighted upon another new element. It is a new discovery so far as our planet is concerned, but the element had been previously recognised in the atmosphere of the sun by Professor Norman Lockyer, by means of the spectroscope. Hence the name *Helium* which was given to it.

WE learn from the *Kew Bulletin* that the use of green glass in the houses is to be abandoned on the ground that about half of the light useful to the growth of the plants is thereby excluded from them. Green glass was adopted some fifty years ago, because it was believed that no useful light would be cut off,

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