

THE COLOR OF THE SEA.

The changes in the color of the sea have attracted the attention of seafaring men from the earliest times. Numerous theories were offered in explanation of these changes, some ascribing them to the varying color of the sea bottom, some to the difference in depth others to the pressure of certain coloring substances, others again to the chemical composition of the water. Most of these suggestions contained an element of truth, although no one of them, taken by itself, sufficed to account for the alteration in color which had been observed to occur in the course of a few hours sail, and within a distance measuring less than a ship's length.

Of late years numerous scientific expeditions have been fitted out and dispatched by the governments of England Norway, and America for the express purpose of exploring the secrets of the deep. Among the problems which have now for the first time received a satisfactory solution, new light has been thrown upon the conditions which affect the color of the sea water in every part of the ocean, thus completing the information for which we were indebted to the unaided exertions of earlier travellers. One of the most remarkable and most widely distributed contrasts of color is that which is known to exist between the intensely blue seas situated between the tropics and the green seas of higher latitudes. It appears, as the result of recent observations, and more especially of a series of experiments made on board the German frigate Gazelle, that there is an intimate relation between the color of sea-water and the proportion of salt held in solution by the latter.

On comparing the specific gravity of green water with that of blue water it was found that the latter is always heavier than the former, and therefore contains more salt, the two differently colored waters being supposed to have the same temperature. In other words, the greater or lesser intensity of the blue color of the sea-water may be taken as a direct index of saltiness and of its specific gravity, so that when we observe the color of water successively change from a deep blue to a bluish green and a dark green we may conclude that the water has become at the same time less salt and less heavy. This result agrees with the experience of navigators in every part of the ocean, for as the vessel proceeds from the dense and salt water, of the tropical regions towards the lighter and fresher waters of higher latitudes and of the polar regions the color of the sea is seen to change from an intense blue to a greenish blue and green tint. There are, however, numerous exceptions. Green seas are met with between the tropics and blue seas are encountered in the temperate region, and even within the Arctic circles, but these exceptions far from contradicting, only tend to confirm the above rule.

PERSONALS.

Alfonso.—The interesting fact goes on record that when the infant King of Spain was being christened Isidoro Leon Fernando Maria Santiago Isidoro Pascual Maroiano he protested several times in a loud voice. No wonder.

Fulton.—Augustus Fulton, the only colored student ever sent from the United States to the Propaganda in Rome has been ordained, and will return to this country to take charge of a colored Catholic Church in New Orleans.

Hauk.—Mme. Minne Hauk has let her Swiss castle for the season to a Russian family, and will spend the summer travelling in this country. She, however made it a condition of the lease that the Stars and Stripes should be constantly kept flying from the towers of "Minne gen."

Croke.—Archbishop Croke recently received a present from Boston, with the inscription: "To the unchanged and unchangeable Archbishop and patriot. The joy and pride of the sea-divided Gael: a small tribute from the three of them. Irish priests, natives of county Cork." What the present consisted of our Irish exchanges do not state.

Moran.—His Eminence, Cardinal Moran, addressing a meeting of Catholics in Sydney recently, said that some years ago he made a visit to Cologne with the special object of obtaining if possible, a relic of the great St. Brigid. He was happy to be able to inform them that through the kindness of several friends he had obtained that precious relic, and would, in future, on the feast days of the saint, have it exposed for the veneration of the faithful, and the altar dedicated to St. Brigid and St. Patrick in the Cathedral.

Ranke.—The late Van Ranke, the great German historian had two secretaries, whom he kept busily engaged in

reading, looking up authorities, making excerpts and writing from his dictation. Since he commenced his English History he had dictated, and he found that some of his works thus produced had been better received than others. Dictation he said, enables one to be less fastidious and more natural. He had lived in the same place for forty years, humble as it looked, and one of his reasons for not changing was that he had around him 30,000 volumes, which he declared he 'never could get properly removed and rearranged.'

MacMahon.—Marshal MacMahon, the illustrious General of whom France is justly proud, is engaged upon the compilation of his memoirs. They will not, however, be published in his lifetime, his intention being to bequeath them to his children, who after his death will be free to give them to the world if they think fit, or in his own modest phrase 'if they consider them likely to interest anyone.' He has naturally been visited by enterprising journalists eager to obtain a glimpse at records which deal with events of the highest importance in the history of France, but he has refused to vouchsafe the least information. He explains however that the memoirs date back to 1830, when he commenced his military career in Algeria, where he was an actor in—and a spectator of many brilliant military episodes. A special section will be devoted to the active part he played in politics during his six years occupancy of the Presidency of the Republic, and to an exposition of the motives which induced him, after so much hesitation to accept that position and to follow the line of action which has been criticized on so many varied stand points and in such varied tones. The Marshall, it may be added, enjoys robust health, and may frequently be seen taking his morning ride in the Bois de Boulogne.

LISZT.

Many persons, it seems, are under the impression that Liszt, on account of his ecclesiastical title of Abbe, is a priest. He wished to be one, and sought the direction of Pius IX His Holiness, who saw with a keen eye that music had and at Liszt's age would probably keep, a large part of his heart than a priest could give, persuaded him very gently out of his intention. 'My son the world will not let you alone. It will have you at its parties and then the parties will be late, and midnight will come unawares, and there will be supper, and you will be very tired and hungry—and yet the Holy mass in the morning! No: your gift of music comes from Almighty God, and is very pleasing to Him, and you can not do the two things. But you shall receive tonsure and be considered a cleric.'

RELIABLE RECIPES.

Custard Pudding.—Beat six eggs till light, add a quart of milk, 6 blanched almonds, a little lemon peel and sugar to taste. Cover the bottom of a pudding dish with puff paste, pour in the custard grate over it half a nutmeg and bake brown.

Currant Pudding.—Make a good paste and roll out thin; have ready some currants, picked and washed; strew thickly all over the paste, roll it up scald and flour a thick cloth, roll the pudding in it and tie tightly at each end; put into boiling water and boil for two hours.

Bake Apple Pudding.—Pare tart apples remove the cores and put them into a saucepan with half a cup of water; boil till they are soft and thick; beat well, and stir in sugar enough to sweeten the juice of two lemons, the peel of two lemons cut thin, theyolk of eight eggs to twelve apples; mix all together, put in a pudding dish, cover with a crust and bake.

Baked Tomatoes.—Dip some tomatoes in hot water, peel them cut them in half and remove the pipe. Rub a baking sheet with shallot, butter it well and lay the tomatoes in it filling each half with the following-composition: Two parts of bread crumbs, one part finely minced, and, according to taste, parsley and sweet herbs also finely minced, and pepper and salt. Put a piece of butter on each half tomato and bake them a quarter of an hour. Have ready some round pieces of butter toast.

Stewed Chicken with Rice.—Cut the remnants of cold boiled or roasted chicken in small pieces. Make a sauce of one pint of cream two ounces of butter, the yolk of one egg, beaten, and a tablespoonful of corn starch or arrowroot, seasoning with salt and white pepper, a little sugar, one teaspoonful of anchovy sauce and one bay leaf. Put the pieces of chicken into this sauce in a stew pan and simmer for half an hour. Stew some rice quite soft in milk, seasoning with salt and pepper. Put the chicken in the centre of a dish, place the rice around it as border and serve.

LORD BEACONFIELD'S RELIGION

With reference to the statement that Lord Beaconfield died a Catholic, the following letter from the Rev. Father Clarke, S.J. appears:

May 25; 1886.

'As I was absent from London during the whole time of Lord Beaconfield's illness and death, it is needless to say that the report of my having received him into the Church is without foundation. I sincerely hope that he may have put what the 'Pall Mall Gazette' calls his 'adjuration' into the hands of some other Catholic clergyman, but I was certainly not aware that he had done so.'

NO REST ELSEWHERE.

Our heart was made for God, therefore creatures can never satisfy its desires. Even the most exciting pleasures leave behind them a void which nothing earthly can replenish. Like the dove which found no resting place until it returned to the ark, neither shall our hearts find repose until they seek it in Him who formed them for Himself. St. Francis de Sales.

Ecclesiastical Directory

PROVINCE OF ST. BONIFACE.

This Province was erected by His Holiness Pius IX. Sept. 22, 1871, and comprehends 1st, The Archdiocese of St. Boniface, 2nd, The Diocese of St. Albert, 3rd, The Vicariate Apostolic of Athabaska Mackenzie, 4th, The Vicariate Apostolic of British Columbia.

ARCHDIOCESE OF ST. BONIFACE. Comprising the Province of Manitoba, and a portion of the N. W. Territories, and of the District of Keewatin.

Former Bishop—Rev. J. N. Provencher first Bishop of the country now forming the ecclesiastical Province of St. Boniface, d. June 18, 1871. Most Rev. Alexander Tache, O. M. I., D. D., Const. Bishop of Arath, and coadjutor of Bishop Provencher, Nov. 23, 1851, translated to St. Boniface June 7, 1853; nominated Archbishop of St. Boniface, the day of the erection of the metropolitan See, Sept. 22, 1871.

CHURCHES AND CLERGY. St. Boniface Cathedral, Rev. F. A. Dugas, P. P., J. Messier, curate; A. Maisonneuve, O. M. I., agent for St. Rémy, A. Dupuis, O. M. I., George Duguay-Breton, O. M. I., secretary, Joseph Gué, O. M. I., secretary, St. Vital, attended for St. Boniface, St. Mary's Winnipeg; Revs. M. Ouillette, O. M. I., P. P. and F. Cahill, O. M. I., Curate, Church of Immaculate Conception, Winnipeg; Rev. A. A. Chertier, Curate.

Provincial Penitentiary, Rev. C. Cloutier, Rte. Portage, Rev. T. L. Baudin, O. M. I., St. Patrick's Church, Selkirk and Peguis, Rev. J. Alard, O. M. I., St. Norbert—Rev. J. M. Ritchot, St. Agathe—Revs. C. Samoisette and P. Pelletier.

St. Francis Xavier, Rev. F. X. Kavanagh, Bale St. Paul, Rev. Fortier, St. Charles, Rev. Janduraud, O. M. I., St. Anne des Chenes and St. Joachim, Rev. Girard, Lorette, Rev. J. Dufresne, St. Laurent and other missions of Lake Manitoba, Revs. F. Camper, O. M. I., H. Gascon, O. M. I., J. P. Campeau, A. Dupont, O. M. I., and Bro. Mulvihill, S. J., teachers, Lake Qu'Appelle Fort Ellice, and the missions West, Revs. L. Lebret, O. M. I., J. Decourby, O. M. I., J. Hugonard, O. M. I., Magnan and LePage.

St. Jean Baptiste de la Riviere aux Prunes Rev. D. Filior, A. Chertier, St. Joseph, Rev. M. Pelletier, St. Pierre de la Riviere aux Plats Rev. J. Joly, St. Pie and Emerson J. N. Jutra, Fort Alexander, Rev. A. Masore, O. M. I. and Bro. J. B. Doyle, Lake Umbagog and other missions, East Lake Winnipeg, Rev. J. Marcoux, St. Leon, Rev. C. Bitche, St. Alphonse and, M. D. de Lourdes Rev. L. Campeau, St. Lambert, Rev. J. Robillard, Rev. J. McCarthy, O. M. I., Regina, Rev. D. Graton.

Wood mountain-moose Jaw, and medicine Hat Rev. P. St. Germain, O. M. I.

EDUCATIONAL AND OTHER INSTITUTIONS. Theological Seminary and College of St. Boniface—Teaching staff: Rev. Fathers Lory S. J. (director), Drummond, S. J.; Lynch S. J.; Blain, S. J.; O'Brien, S. J.; Belliveau S. J.; Pagnon, S. J.; Rev. J. Cloutier and J. Lussier, S. J.; Ecclesiastical Students: Messrs. Cameron, Gillis, Montreuil, Dubois, Turcotte, Langlois, Brothers Gaudet S. J.; Forrier S. J.; Blouin, S. J.; Lesbvre S. J.

Course of Studies—Theology, Classics, and commercial course in English and French—St. Mary's Institute, Winnipeg; two houses—Brothers of the Congregation of Mary Brothers (director), Pupils 180.

St. Boniface Academy for Young Ladies Sisters of Charity (Gray Nuns), Boarders 60; day scholars 120. St. Vital's school—Sisters of Charity, Pupils 60. St. Norbert's school—Sisters of Charity, Boarders 20, day scholars 80.

St. Francis Xavier's school (day scholars—Sisters of Charity, Pupils 52. St. Mary's Academy (Winnipeg) day scholars and boarders—Sisters of the Holy Names of Jesus and Mary, Sister superior Mary John of God, Boarders 60, day scholars 130. School of Immaculate Conception (Winnipeg)—Sisters of the Holy Names of Jesus and Mary, Pupils 70.

St. Joseph's Convent, (Brandon)—Sisters Faithful Companions of Jesus, Sister M. A. Reer sup. Pupils 70. Sisters of Charity (Gray Nuns) sister Lamy sup. St. Boniface Hospital Sister Shangnessy, directress, Orphan Asylum sister Boire directress; Orphan girls 38.

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