Formosa.

The Island of Formosa—so called on account of its lovely form, by the early Portuguese navigators, whose beautiful names, so different from those given by the rovers of Northern Europe, adorn the land of discovery—is one of the fairest and most fertile under heaven. Its population may be 3,000,000; its area that of the State of New York. China claimed it, very much is that colossal pomposity claimed all the lands of the world; but left it to govern itself. On the west side are several Chinese towns and settlements, with the seat of authority in Taiwan. The east-coast barbarous tribes live and roam, rob and murder chipwrecked people, and, as some say, eat them. This is doubtful. It would make a long story to tell how British, German, French, and American ships have been wrecked there, and how warships and diplomatists have in vain tried to get redress at Poking or in Formosa. Japanese occupation with camps, skirmishes, and the establishment of order on the coast occupied six months of 1874; after which the establishment of order on the coast cocupied six months of 1874; after which
China began, as earnestly as that stagnent
empire can, to rule the savages, and paid
Japan an indemnity of seven hundred
thousand silver dollars. The expedition
cost the Mikado's empire five millions,
while seven hundred of her sons sleep in
their graves at Nagasaki. What the Japanese did was for humanity at large. The
Germans and English have recently erected
monuments over their dead, which now
estand unharmed. stand unharmed.

The Effects of Lightning.

A correspondent writes to Nature concerning the article entitled "Struck by Lightning," which was reprinted in the Evening Post a few weeks ago: "Formerly, when ramified marks appeared on the persons of men or animals, they were always referred to some near or distant tree of which the marks formed an exact portrait." Thus, in the Times of September 10, 1866, was an account of a boy who had taken refuge under a tree during a tinunderstorm, having been struck by lightning, and on his body was found a perfect image of the tree, the fibres, leaves and branches being represented with photographic accuracy. In a paper read by me before the British Association at Manchester in 1861, I attempted to show that such ramified figures are not derived from any tree whatever, but rederived from any tree whatever, but re-present the fiery hand of the lightning itself. Very instructive tree-like figures may be produced on sheets of crown glass may be produced on sheets of crown glass by passing over them the contents of a Leyden jar. For this purpose the plates (shose I used were four inches square) should be put into a strong solution of soap, and wiped dry with a duster. If a plate be then held by the corner against the knob of a small charged jar, and, with one knob of the discharging knob resting against the outer coating, the other be brought up to the knob of the jar with the glass between, the spark will pass over the surface of the pane, turn over its edge, and thus arrive at the knob of the rod. Nothing is visible on the glass until it is breathed on, and then the condensed breath settles in the form of minute dew on those parts of the soapy film that have not been burnt off by the electricity, while on the lines that have been burnt off or made chemically clean the moisture condenses in watery lines, bringing out the trunk, branches, and minute spray of the Adadditic fame, in a very perfect manner. denses in watery lines, bringing out the trunk, branches, and minute spray of the dendritic figure in a very perfect manner. In the discussion that followed the reading of my paper, the president of the section remarked that the figures exhibited would pass for trees all over the world. The discharge sometimes exhibits bifurcations and even trifurcations. The main trunk is avidently a hollow tube, as in the tions and even trifurcations. The main trunk is evidently a hollow tube, as in the vitrified masses known as fulgurities, where lightning ploughs through a sandy soil. Should the plate be too thick, the main discharge may not pass, in which case the plate represents spray only. Hence I infer that the spray precedes the discharge, and acts as a feeler for the line of least resistance. Indeed, it is an old observation of sailors that before the ship is struck every one on board felt as if is struck every one on board felt as if cobwebs were being drawn over his face."

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MARRIED.

At the residence of the bride's father, Wood-stock, on the 19th inst., by the Rev. John McTav-ish, Mr. John Brown, real estate agent, Stratford, to BELLA, eldost daughter of Mr. Hugh Gunu,

to Bella, eldost daughter of Mr. Hugh Gunn, of Woodstock.
At the residence of the bride's father, Morriston, on the 5th inst., by the Rov. Wm. Meldrum, father of the bride, assisted by the Rov. Mr. McDermid, of Crief, the Rev. James B. Strwarr, of Mankoba, to Marcanet Jans, eldost daughter of the Rev. Wm. Meldrum, formerly of West Zorra.

Official Announcements.

MEETINGS OF PRESBYTERIES.

PETERBORO.—In St. Paul's Church, Peterboro, 22nd August, at 2 p.m.
OWEN SOUND.—The next meeting of the Presbytery of Owen Sound will be held on the 3rd Tuesday of September, in Division Street Church,
Owen Sound. At Cobourg on the 26th Septembor, at 19 a.m.

LONDON —An ollowried meeting will be held in First Presbyterian Caurch, London, on the Deth inst, at 2 o'clock, p.m. Next regular meeting in same place on last Tuesday of September, at 2

MINGSTON.—In St. Androw's Church, Belleville, on the second Tuesday of Soptember, at 7.20 pm.

HAMILTON In the Central Church, Hamilton, on the last Tuesday of September, at 11 oclock, am. Adjourned meeting of this Prosphytory will be held at Welland on Tuesday, 27th July, at 2 except the prospersion of the second control of the

PARIS.—In Knox Church, Ayr, on Tuesday, 19th Reptember, at 2 p.m.

BTRATFORD -- In St. Andrew's Church, on Wed-meday, 2nd August, at 10 a.m.

Barrie.—Nort meeting at Barrie, last Tuesday in August, at 11 am. LINDSAY.—At Cannington.

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