



THE MAPLE LEAF FOREVER.

BY ALAN. MUIR, B.A.

In days of yore, from Britain's shore,
Wolfe, the dauntless hero, came ;
And planted firm Britannia's flag
On Canada's fair domain.
Here may it wave, our boast and pride,
And joined in love together,
The Thistle, Shamrock, Rose entwined,
The Maple Leaf forever !

At Queenston Heights, and Lundy's Lane,
Our brave fathers, side by side,
For freedom, home, and loved ones dear,
Firmly stood and nobly died,
And those dear rights which they maintained,
We swear to yield them never !
Our watchword evermore shall be
The Maple Leaf forever !

Our fair Dominion now extends,
From Cape Race to Nootka Sound ;
May peace forever be our lot,
And plenteous store abound !
And may those ties of love be ours
Which discord cannot sever,
And flourish green o'er freedom's home,
The Maple Leaf forever !

On merry England's far famed land,
May kind heaven sweetly smile ;
God bless old Scotland evermore,
And Ireland's Emerald Isle !
Then swell the song both loud and long,
Till rocks and forests quiver,
God save our Queen and heaven bless
The Maple Leaf forever !

SLEEP AND ODOR OF FLOWERS.

Sir John Lubbock, in speaking before the British Association concerning the fertilization of flowers by insects, said :

Everybody, however, has observed that even in fine weather certain flowers close at particular hours. This habit of going to sleep is surely very curious. Why should flowers do so ? In animals we can understand it they are tired and want rest. But

why should flowers do so. Why should some flowers do so, and not others ? More over, different flowers keep different hours.

The daisy opens at sunrise and closes at sunset, whence its name, day's eye ; the dandelion (*Leontodon taraxacum*) opens at 7 and closes at 5 ; *Arctostaphylos* is open from 9 to 3 ; ear hawk weed (*Chiracium pilosella*) is said to wake at 8 and go to sleep at 2 ; the scarlet pimpernel (*Anagallis arvensis*) to wake at 7 and close soon after 2, while *Tropaeogon pratensis* opens at 4 in the morning, and closes just before 12, whence its English name, "John go to bed at noon." Farmer boys in some parts are said to regulate their dinner hour by it. Other flowers on the contrary, open in the evening. Now it is obvious that flowers which are fertilized by night-flying insects would derive no advantage from being open by day. On the other hand, those which are fertilized by bees would gain nothing by being open at night nay, it would be a distinct disadvantage, because it would render them liable to be robbed of their honey and pollen by insects which were not capable of fertilizing them. He believed, then, that the closing of flowers had reference to the habits of insects. He observed also, in support of this, that wind fertilized flowers never sleep ; that some of those flowers which attract insects by smell, emit their scent at particular hours. Thus, *respermatronalis* and *lychnis viscaria* smell in the evening, and *orchis bipolia* is particularly sweet at night.

Is there a more refreshing sight early in the morning than an arbor or trellis covered with Morning Glory vines and flowers ? Plant seeds of the Cypress Vine. It is the daintiest of vines. Plant the Canary-bird vine ; the Balloon vine ; plant the Maderna vine. The tubers can be bought for ten cents. The foliage is fine the flowers deliciously fragrant.