

notwithstanding the drawback of sand, and rainy seasons, will yet come into general practice. We have not yet said our all on Rogers' varieties, until we say that we cannot speak of the wine making qualities of his grapes, never having made any and never having tested the wine from any of his varieties. For market and for table use we fearlessly affirm that they will carry the palm over all others. The best of Rogers' which we know are classed thus in the order of merit: Nos. 41, 42, 53, 4, 19, 1, 33, 3, 15. We notice that No. 42 is classed as amber-coloured by nurserymen: with us it is almost a black grape, with an amethyst tinge, and of very superior excellence. No. 41 comes nearest to the flavour of a hot-house grape than any other hardy grape which we have cultivated. Israella and Iona, the one a black and the other a red grape, are well worthy of cultivation; when fully ripened, and the bunches well-developed, they are both superb grapes; highly flavoured, and at the same time delicate, they leave, when eaten, no harsh, tartar flavour in the mouth. One or two of Rogers' varieties do this. The tongue, after eating them, smarts with an acrid flavour. The Israella and Iona are entirely free from this quality. Wine from the Israella is good, really good, and fine flavoured, with a nice bouquet. Ives' seedling and the Eumelan promise well at Hamilton and in the neighbouring locality,—the former is one of the best wine grapes. Mr. William Haskins, of Hamilton, has some experience of the Alvey, and gives it a foremost character for its wine qualities: the bunches are fair, berries very compact, and, if it ripen with us a little before the Isabella, will suit well for general cultivation. Norton's Virginia, which Missouri growers have thought would ripen in our northern latitudes, matures well in the locality around here; it does well at Niagara, and probably after further trial may do well throughout the more favoured vine-growing districts of the country. The Eumelan is certainly a nice grape; fanciers, however, are already beginning to complain that the berries are small. We can testify that the wine made from it is excellent. The general trial which it is getting, from the Eastern Townships to Windsor, will soon be productive of valuable results. From general experience alone can a knowledge of the worth and properties of fruits be obtained. The "To Kalon" is to be found in a number of collections—in and around Hamilton its reputation is good; but I know too little of it for me to speak in any way dogmatically. The Rebecca is a delicious grape, and arrives at great perfection in this quarter, but it is better suited for the garden than the vineyard. It is highly flavoured, bears well, a slender grower, but quite hardy. The Allen's Hybrid bears fine fruit, but is scarcely worth cultivation. It mildews worse than any other known variety, although we have seen some beautiful unmildewed bunches matured from it when allowed to grovel in the grass and dirt without being tied up. The Walter has fruited with us, and is a superior grape. We have tasted wine made from this grape, and can pronounce upon its excellent quality. It ripens early, and is likely to prove a good variety of early hardy grape with us. It may be considered a companion grape to the Eumelan. This list must be brought to a conclusion with a brief notice of the Diana Hamburg. Mr. Murray, of Bruce & Murray, of Hamilton, gave us a bunch of this variety a fortnight ago. We have never tasted a more delicious hardy grape. It has many of the characteristics of the Black Hamburg, and if it sustains the excellence we found it to possess this season, it will shortly prove an immense favourite among grape-growers. It ripens at the same time at the Creveling, Rogers' 15, &c., &c. We cannot speak from our own experience in grape-growing of the disease and insect pests peculiar to the vine. The most prevalent disease on my vine is the mildew. I recently, through the kindness of Mr. Whitton, our Hamilton premier microscopist, examined this mildew, and found it a plant, luxuriating in the richness of the vine, and bearing seed-vessels abundantly, which to our vision, were in process of disseminating their abundant spores in all directions. Capsules were found in the section of the skin, and the rootlets of the plant had found their way into the pulp of the berry. Husmann, I observe, imagines that mildew is a fungus. It is a fungus, and something more, it is one of the most beautiful, though destructive plants, which I ever saw. Might it not be well for our Association to offer a prize on the microscopic appearances of mildew? It might assist horticulturists, and tend, perhaps, to settle the conflicting opinions entertained of this pest. The recent notion that vines take up the spores of the parasite from the oleaginous manures applied to the roots through their spongiales, and that they find their development in and on the fruit, may be found to be not so very far from the fact. Mr. Van Wagner's "sulphur blower" exhibited to our Association, and which has received its endorsement will be found the best help to prevent the ravages of mildew. We entertain the opinion that mildew can be greatly modified if

not altogether prevented, &c., will go far to wane, and consequently and insect pests; its ravages are thrip, after all, is tucky, a year ago, by means of torch enemy betakes him a pest in the pipe of other acquainted with carefully strung on keeps them for more this branch of horticulture of "Husmann, on German men, and expressing the Province of Iowa and patriotic efforts

The regular winter 7th, 1871, in the City from London, Goddard Winona, Milton, Oal  
The minutes of  
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By the President  
By A. B. Benne  
By G. Leslie, jr  
By W. H. Mills  
By Rev. George  
Moved by Mr. N  
papers be requested to  
they think fit. Carried  
Moved by Mr. H  
the gentlemen who have  
Resolved,—That  
to examine and report.  
Mr. Arnold brought  
opinion as to whether it  
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Mr. Arnold also re  
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Arnold to Mr. Meehan  
appearance of an apple,  
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and the stem, core and  
blossom of the pear tree  
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that Mr. Arnold, who is