

tion, however, should be given to the actual study of specimens. For the purpose of remedying many of the defects now noticed, the examiners would strongly urge the use of *Nelson's Herbarium and Plant Descriptions*, with the requirement that each pupil must collect and preserve as directed, at least fifty, and not more than one hundred specimens, and that the analysis of plants in the class be made on and in accordance with the printed forms as given in the above-mentioned publication. Spotton's High School Botany may be advantageously substituted for Gray's "How Plants Grow." Attention of teachers should also be directed to the following considerations:—Every plant studied should, as far as possible, be *complete*, i.e., embrace root, stem, leaves, flower and fruit. Pupils should be encouraged to make their descriptions concisely and methodically. At examinations held in other places than Montreal, the same plant should be supplied to all pupils of the same school, and care should be taken that the specimen is in each case complete. The local examiner should forward, together with the papers, either a specimen of the plant given, or its name.

Physiology and Hygiene.—The examinations in this subject show decided improvement, and in many cases a very good grasp of essential facts, considering the age of the candidates and the opportunities they have had. There are decided indications that some teachers have introduced much enthusiasm and interest into the work, which the examiners hope may be extended in coming years. The answers were criticised with considerable strictness as to their accuracy, so that all the papers marked over sixty per cent. may be regarded as good.

GENERAL RESULTS OF A. A. EXAMINATIONS, 1890.

SCHOOLS.	PASSED FOR		
	A. A.	J. CERT.	FAILED.
Montreal High School, (Boys).....	28	1	2
“ “ (Girls).....	12	0	2
“ Private Schools.....	2	0	1
“ Private Tuition.....	3	0	0
Quebec High School, (Boys).....	2	0	0
“ “ (Girls).....	4	0	0
St. Johns Girls' High School.....	10	1	0
Aylmer Model School.....	2	0	3
Clarenceville Academy.....	0	0	3
Coaticook Academy.....	3	0	3
Compton Ladies' College.....	0	0	1
Cookshire Model School.....	3	1	1
Cowansville Academy.....	2	0	0
Danville Model School.....	1	0	5
Dunham Ladies' College.....	0	0	1