

MR. BAILLAIRGE.

Quebec Daily Mercury" of 26th March, 1872.)

geometrical projection, perspective dra-
velopment of surfaces, shades and sha-
e like. Mr. Wilkie, so far as opportunity
orded him of proving the calculations,
Mr. B.'s statement in relation to the
ing in time, where many abstruse pro-
generally required hours or days to solve.
e rule be, as Mr. Baillargé asserts, so
licable, and, as has been certified by so
s in testimonials over their own signa-
he help of the new formula and tableau,
in as many minutes; to say nothing of
models are in imparting at a glance a
their nomenclature or names, and an
ship with their varied shapes and figures.
ow, to the architect and engineer, the
mechanic, the models are suggestive of
l relative proportions of buildings, roofs,
and quays, cisterns and reservoirs, caul-
asks, tubs and other vessels of capacity,
all kinds, comprising railroad and other
embankments, the shaft of the Greek and
n, square and wancy timber, saw-logs,
tent, the square or splayed opening of a
ow, nich or loophole in a wall, the vault
iling of a church or hall, the billiard or
all, or, on a larger scale, the moon, earth,
nets. Mr. Baillargé, we may add, has
rder for a tableau from the Minister of
New Brunswick, with the view of intro-
all the schools of that Province; and
in writing to Mr. Baillargé, from France,
of January last, to advise him of the
is letters-patent for that country, says
lumbert & Noé, the President and secre-
ciety for the generalization of education
ave intimated their intention, at their
meeting, of having some mark of distinc-
on him for the benefit which his inven-
overy are likely to confer on education.
writing to Mr. Baillargé, on the part of
Chauveau, Minister of Public Instruction,
fera un devoir d'en recommander l'adop-
outes les maisons d'éducation et dans
coles." From the Seminary and Laval
r. Maingui writes: "Plus on étudie,
profondit cette formule du cubage des
on est enchanté (the more one marvels)
cité, de sa clarté et surtout de sa grande
Rev. Mr. McQuarries, B. A. "shall be
o see the old and tedious processes
by a formula so simple and so exact."
le College, United States: "considers
a most useful arrangement for showing
and extent of the applications of the
The College l'Assomption "will adopt
ré's system as part of their course of
" Mr. Wilkie has written to the author
is precise and simple, and will greatly
processes of calculation. The tableau,"

says this competent judge, "comprising as it does a
"great variety of elementary models, will serve
"admirably to educate the eye, and must greatly
"facilitate the study of solid mensuration." "Again,"
says Mr. Wilkie, "the Government would confer a
"boon on schools of the middle and higher class by
"affording access to so suggestive a collection."
There are others who, irrespective of considerations
as to the comparative accuracy of the formula, or of
its advantages, as applied to mere mensuration, are
awake to the fact that the models are so much more
suggestive to the pupil and the teacher than their
mere representation on a blackboard or on paper, and
who, in their written opinions, have alluded especially
to this feature of the proposed system. M. Joly Pre-
sident of the Quebec Branch of the Montreal School
of Arts and Design, in a letter on the subject to Mr.
Weaver, the President of the Board, and after having
himself witnessed its advantages on more than one
occasion, says, in his expressive style, "the difference is
enormous." Professor Toussaint, of the Normal School,
Dufresne, of the Montmagny Academy, Boivin, of St.
Hyacinthe, and many others, are of the same opinion;
among them MM. R. S. M. Bouchette, O'Farrell, Flet-
cher, St. Aubin, Steckel, Juneau, Venner, Gallagher,
Lafrance, and the late Brother Anthony, &c., &c.
Neither will it be forgotten that the professors of the
Laval University, after reading the enunciation of Mr.
B.'s formula, as given in his treatise of 1866, expressed
themselves thus: "Un doute involontaire s'empare
"d'abord de l'esprit, lorsqu'on lit le No. 1521; mais
"un examen attentif des paragraphes suivants, dissipe
"bientôt ce doute et l'on reste étonné à la vue d'une
"formule, si claire, si aisée à retenir et dont l'appli-
"cation est si générale." Mr. Fletcher, of the Crown
Lands Department, says: "I have compared, in the
"case of several solids, the results obtained by your
"mode of computation with those resulting from the
"ordinary and more lengthy processes, and congra-
"tulate you sincerely on your enunciation of a formula
"so brief and simple in its character, and so precise
"and satisfactory in its results." Mr. Baillargé also
took occasion during his lecture to allude, in other
relations, to his treatise on geometry and mensuration,
in which he showed he has introduced many important
modifications in the usual mode of treating the subject
of plane and spherical geometry and trigonometry.
In conclusion, we must add that the Council of Public
Instruction, at its last meeting, appointed a Committee,
composed of the Lord Bishop of Quebec, and of Bishops
Langevin and Larocque, to report to the Council at
its next general meeting in June, and who, it may be
taken for granted, after the many flattering testimo-
nials in relation to the utility and many advantages
of the stereometrical tableau for purposes of education,
cannot but recommend and direct its adoption in all
the schools of the Dominion.

We learn with pleasure that Mr. Baillargé has been
invited to repeat this lecture in Montreal.

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