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Brandeis University

Department of
Mathematics

Goldsmith 216
Waltham, Massachusetts
02254-9110

617-736-3050
FAX: 617-736-3085
BITNET: Maths@Brandeis

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July 21, 1992

Dear Mr. Sloane,

I'm enclosing a paper on some generalizations of the Catalan and ballot numbers. The simplest case is the numbers

$$6 \frac{(2n)!}{n!(n+2)!} \quad 3, 2, 3, 6, 14, 36$$

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They don't appear in the first edition of your book, but perhaps someday someone will find an application for them. (My paper contains some interesting formulas for these and related numbers, but I did not succeed in finding a combinatorial ~~of~~ interpretation for them.)

Sincerely,
Dan Geissel