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A798
 A46904
 A3431
 A46907
 A608
 A112
 A46909
 A46911
 A1928
 A1930
 A46905
 A46906
 A46908
 A1927
 A1035
 A46910
 A46912
 A1929

6 April 1972.

Dear Mr. Sloane:

Here are some more sequences of integers (including those I sent before). I understand that the definitions do not much concern you, and I am unable to make them very clear in a short note, but for form's sake here they are: The unbarred letters stand for numbers of quasiorderings of various types on n distinct points. Those without Q are partial orderings. The barred letters are the numbers of isomorphism classes.

Q stands for all quasiorders; P for all partial orders. C stands for connected ones. L stands for those such that the set cannot be partitioned so that all points of one part are less than all those of the other. A stands for those satisfying the latter condition and connected too. (Hence $P=C+L-A$.) S stands for a certain subclass of those counted by A : the orderings such that there is no nonsingleton proper subset T for which $x \in T$ implies $x < T$ or $x > T$ or x incomparable with every element of T .

~~Two papers~~

n	0	1	2	3	4	5	6	7
\bar{S}	1	1	0	0	1	4	28	234
\bar{A}	1	1	0	0	1	12	104	956
\bar{L}	1	1	1	2	7	31	184	1351
\bar{C}	1	1	1	3	10	44	238	1650
\bar{P}	1	1	2	5	16	63	318	2045
\overline{QA}	1	1	1	1	2	17	167	1672
\overline{QL}	1	1	2	4	14	62	373	2722
\overline{QC}	1	1	2	6	21	94	512	3485
\overline{QP}	1	1	3	9	33	139	718	4535
S	1	1	0	0	24	360	17400	1066800
A	1	1	0	0	24	1080	52440	3281880
L	1	1	1	7	97	2251	80821	4305127
C	1	1	2	12	146	3060	101642	5106612
P	1	1	3	19	219	4231	130023	6129859
QA	1	1	1	1	25	1321	70201	4542721
QL	1	1	2	11	147	3412	121553	6353029
QC	1	1	3	19	233	4851	158175	7724333
QP	1	1	4	29	355	6942	209527	9535241

A46904

A3431

A46907

~~A608~~

A112

A46909

A46911

A1928

A1930

If I sent $\overline{QA}_7, \overline{QL}_7,$
 \overline{QC}_7 and \overline{QP}_7
 before, they were
 probably different.
 Yes, the new values
 are (I hope!) right.

A46905

A46906

A46908

A46910
 A46912

John Wright

[WR1]

old 608? new 1152
 old 112? new 572

old 1928? new 648
 old 1930? new 1133

old 1927? new 809
 old 1035? new 1244

old 1929? new 1265
 old 798? new 1476