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 - **Subject:** [alabobo2] Problem in cpg / cy40t1bf5
 - **Date:** Mon, 2 Nov 2015 10:55:32 +0000
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Dear colleagues,

Together with Mihaly and Martin i would like to report a problem within cpg.F90 which get's evident when running stochastic physics scheme LSPSDT=.TRUE. in export version of cy40t1_bf5

The correction necessary in cpg.F90 is minimal, but effect is rather big. Find attached corrected cpg.F90 together with 2 figures illustrating the problem (correct vs. buggy stochastic pattern)

1) Line 395 has to be removed: REAL(KIND=JPRB) :: ZGPSDT2D(NPROMA,YGPSDT%NG2D) ! stochastic physics patterns

2) Line 693 (within call to mf_phys) "ZGPSDT2D" has to be replaced by "PGPSDT2D"

The effect of the bug: Stochastic pattern passed to mf_phys is declared but never filled -> content is unpredictable.

Best regards
Christoph

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Attachment: [fix4_cy40t1bf5.tar](#)
Description: fix4_cy40t1bf5.tar

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