Libpll full tree CLV update benchmarks

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1 Benchmark

CPU architecture (computer: my hits computer), 500 iterations

	seq59	seq128	seq404
tip pattern mode	4137ms	51123ms	64269ms
repeats no update 2000000	3581ms	30411ms	24186ms
repeats 2000000	3961ms	34712ms	29315ms
repeats nopersite 2000000			

AVX architecture (computer: my hits computer), 500 iterations

	seq59	seq128	seq404
tip pattern mode	1564ms	21656ms	24493ms
repeats no update 2000000	488ms	4886ms	4068ms
repeats 2000000	911ms	9235ms	8902ms
repeats nopersite 2000000	653ms	6114ms	5176ms

CPU architecture (computer: avx), 500 iterations

	seq59	seq128	seq404
tip pattern mode	5642ms	72772ms	92708ms
repeats no update 2000000	1747ms	15508ms	12372ms
repeats 2000000	2305ms	21764ms	19153ms
repeats + bclv 2000000	2015ms	19541ms	16916ms
repeats + bclv2 2000000	2155ms	20877ms	18511ms

AVX architecture (computer: avx), 500 iterations

	seq59	seq128	seq404
tip pattern mode	2131ms	29971ms	33231ms
repeats no update 2000000	660ms	6649ms	5174ms
repeats 2000000	1239ms	12731ms	11953ms
repeats + bclv 2000000	1146ms	12071ms	11244ms
repeats + bclv2 2000000	1217ms	13285ms	12015ms

CPU architecture (computer: play), 500 iterations

	seq59	seq128	seq404
tip pattern mode	15546ms	212398ms	285752ms
repeats no update 2000000	4593ms	39958ms	30911ms
repeats 2000000	5741ms	60693ms	50494ms
repeats + bclv 2000000	5412ms	54222ms	48397ms
repeats + bclv2 2000000	5484ms	57526ms	50360ms

AVX architecture (computer: play), 500 iterations

	seq59	seq128	seq404
tip pattern mode	17107ms	226069ms	287151ms
repeats no update 2000000	4781ms	40610ms	33130ms
repeats 2000000	6013ms	60118ms	48222ms
repeats + bclv 2000000	5434ms	58475ms	51413ms
repeats + bclv2 2000000	6169ms	55909ms	49226ms