% this is ../../crops/18r/planning/current_pedigrees/primary_dominants/les11-_mo20w
% generated Friday, June 01, 2018 at 21:28:50 UTC (=1527888530.735752) by compute_pedigrees/1.

% Horizontal pedigrees, generations at same indentation. S: Mo20W; W: W23; M: M14.
% !!! => cross was not by Toni; references to image locations on right.

% Mo20W/Les11-

```
 06R0009:0000000 x 06R0009:0000000
      06R0009:0000905 x 06R0009:0000904
      06R0009:0000908 x 06R0009:0000901
           06N201:S0008303 x 06N1243:0001202
                07R201:S0031805 x 07R2513:0057207     !!!
                07R201:S0031814 x 07R2513:0057212     !!!
                07R201:S0033712 x 07R2513:0057213     !!!
                07R201:S0034311 x 07R2513:0057213     !!!
                07R301:W0032012 x 07R2513:0057212     !!!
                07R301:W0084704 x 07R2513:0057213
                07R401:M0011102 x 07R2513:0057207     !!!
                07R401:M0011109 x 07R2513:0057213
                07R401:M0031906 x 07R2513:0057212     !!!
           06N201:S0008304 x 06N1243:0001211
           06N201:S0008306 x 06N1243:0001212
           06N201:S0009210 x 06N1243:0001207
                07R201:S0031801 x 07R2510:0057311     !!!
                07R301:W0032010 x 07R2510:0057311
                07R401:M0030905 x 07R2510:0057311     !!!
                10R205:S0010007 x 10R2510:0030010          10R2510:0030010: [10r/gimmel/12.8-[277,278]]
                     11N205:S0033105 x 11N3286:0016502
                          12N205:S0036105 x 12N3626:0026306
                               13R205:S0000102 x 13R4161:0025303
                                    14R205:S0000410 x 14R4291:0022711          14R4291:0022711: [14r/bet/23.8-[2410]]
                                    14R205:S0000415 x 14R4291:0022711          14R4291:0022711: [14r/bet/23.8-[2410]]
                                    14R205:S0000505 x 14R4291:0022711          14R4291:0022711: [14r/bet/23.8-[2410]]
                                    14R205:S0000601 x 14R4291:0022711          14R4291:0022711: [14r/bet/23.8-[2410]]
                          12N205:S0036401 x 12N3626:0026306
                          12N205:S0036403 x 12N3626:0026308
                          12N205:S0041305 x 12N3626:0026302
                     11N205:S0034306 x 11N3286:0016503
                     11N205:S0036608 x 11N3286:0016501
                10R205:S0010008 x 10R2510:0030002          10R2510:0030002: [10r/gimmel/12.8-[276]]
                10R205:S0010016 x 10R2510:0030015          10R2510:0030015: [10r/gimmel/12.8-[279]]
           06N201:S0014106 x 06N1243:0001201
                07R301:W0030204 x 07R2514:0057102
                07R401:M0026801 x 07R2514:0057102
           06N301:W0008104 x 06N1243:0001201
           06N301:W0008105 x 06N1243:0001207
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              09R301:W0040405 x 09R2511:0023007
                 10R305:W0005415 x 10R2250:0029806          10R2250:0029806: [10r/gimmel/12.8-[270]]
                    11R305:W0052114 x 11R3269:0022402          11R3269:0022402: [11r/aleph/19.8-[1131]]
                       11N305:W0032306 x 11N3452:0016609
                          12R305:W0002602 x 12R3627:0028208          12R3627:0028208: [12r/bet/6.8-[93],12r/be
t/8.8-[189]]
                               12N205:S0038802 x 12N4002:0026405
                               12N205:S0038810 x 12N4002:0026411
                               12N4002:0026403 x 12N4002:0026403
                               12N4002:0026411 x 12N4002:0026411
                               12N4002:0026413 x 12N4002:0026411
                               12N405:M0037211 x 12N4002:0026403
                               12N405:M0039603 x 12N4002:0026411
                               12N405:M0039609 x 12N4002:0026403
                               12N504:B0040101 x 12N4002:0026411
                               12N504:B0040102 x 12N4002:0026403
                               12N504:B0040104 x 12N4002:0026405
                               14R4002:0013002 x 14R4002:0013012          14R4002:0013012: [14r/bet/20.8-[2221
]]
                               14R4002:0013007 x 14R4002:0013012          14R4002:0013012: [14r/bet/20.8-[2221
]]
                               14R4002:0013011 x 14R4002:0013012          14R4002:0013012: [14r/bet/20.8-[2221
]]
                          12R305:W0002603 x 12R3627:0028201          12R3627:0028201: [12r/bet/6.8-[92],12r/be
t/8.8-[188]]
                          12R305:W0002914 x 12R3627:0028210          12R3627:0028210: [12r/bet/6.8-[94],12r/be
t/8.8-[191]]
                          12R3627:0028201 x 12R3627:0028201          12R3627:0028201: [12r/bet/6.8-[92],12r/be
t/8.8-[188]] 12R3627:0028201: [12r/bet/6.8-[92],12r/bet/8.8-[188]]
                          12R3627:0028208 x 12R3627:0028208          12R3627:0028208: [12r/bet/6.8-[93],12r/be
t/8.8-[189]] 12R3627:0028208: [12r/bet/6.8-[93],12r/bet/8.8-[189]]
                          12R3627:0028210 x 12R3627:0028210          12R3627:0028210: [12r/bet/6.8-[94],12r/be
t/8.8-[191]] 12R3627:0028210: [12r/bet/6.8-[94],12r/bet/8.8-[191]]
                       11N305:W0037106 x 11N3452:0016603
                 10R305:W0010503 x 10R2250:0029802          10R2250:0029802: [10r/gimmel/12.8-[269]]
              09R301:W0040408 x 09R2511:0023011
              09R301:W0043408 x 09R2511:0023004
              09R301:W0047609 x 09R2511:0023004
        06N401:M0008806 x 06N1243:0001201
        06N401:M0009101 x 06N1243:0001207
           10R405:M0007201 x 10R2512:0030103          10R2512:0030103: [10r/gimmel/13.8-[276]]
              11N405:M0033301 x 11N3287:0016706
                 12N405:M0039604 x 12N3628:0026808
                 12N405:M0039605 x 12N3628:0026805
                    14R405:M0001304 x 14R4162:0022908          14R4162:0022908: [14r/bet/24.8-[2423]]
                    14R405:M0003903 x 14R4162:0022908          14R4162:0022908: [14r/bet/24.8-[2423]]
                       16R405:M0002108 x 16R4511:0011305          16R4511:0011305: [16r/gimmel/27.7-[178]]
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                                    16R405:M0002109 x 16R4511:0011305          16R4511:0011305: [16r/gimmel/27.7-[178]]
                                    16R405:M0002110 x 16R4511:0011305          16R4511:0011305: [16r/gimmel/27.7-[178]]
                                    16R405:M0003205 x 16R4511:0011304          16R4511:0011304: [16r/gimmel/27.7-[175]]
                                    16R405:M0003206 x 16R4511:0011304          16R4511:0011304: [16r/gimmel/27.7-[175]]
                                        17R4541:0009709 x 17R4541:0009712
                                        17R4541:0009712 x 17R4541:0009712
                                        17R505:B0005014 x 17R4541:0009712
                                        17R505:B0005015 x 17R4541:0009712
                                        17R505:B0005110 x 17R4541:0009712
                                    16R405:M0003207 x 16R4511:0011304          16R4511:0011304: [16r/gimmel/27.7-[175]]
                                14R405:M0003906 x 14R4162:0022908          14R4162:0022908: [14r/bet/24.8-[2423]]
                        11N405:M0033608 x 11N3287:0016706
                        11N405:M0034006 x 11N3287:0016701
                        11N405:M0034008 x 11N3287:0016701
            06R200:S00I6608 x 06R0009:0000904
                06N201:S0027102 x 06N1270:0003802
                    07R201:S0034601 x 07R2526:0057605      !!!
                    07R401:M0033104 x 07R2526:0057605      !!!
                06N201:S0027103 x 06N1270:0003803
                    07R201:S0030104 x 07R2525:0057706
                    07R301:W0030213 x 07R2525:0057706
                    07R301:W0032306 x 07R2525:0057713
                    07R401:M0027408 x 07R2525:0057706
                    07R401:M0028007 x 07R2525:0057713
                06N201:S0029201 x 06N1270:0003808
                    07R201:S0023109 x 07R2524:0057802      !!!
                    07R201:S0031512 x 07R2524:0057802      !!!
                    07R301:W0085013 x 07R2524:0057802      !!!
                    07R401:M0002105 x 07R2524:0057802      !!!
                    07R401:M0012109 x 07R2524:0057802      !!!
            06R300:W00I5308 x 06R0009:0000904
            06R400:M00I3606 x 06R0009:0000904
                06N201:S0006502 x 06N1616:0020709
                06N301:W0026911 x 06N1616:0020707
                06N301:W0036202 x 06N1616:0020709
                06N401:M0007309 x 06N1616:0020709
                06N401:M0009105 x 06N1616:0020707
                06N401:M0022801 x 06N1616:0020701
                    07R201:S0024011 x 07R2523:0057915      !!!
                    07R301:W0084711 x 07R2523:0057915      !!!
                    07R301:W0084714 x 07R2523:0057911      !!!
                    07R301:W0085308 x 07R2523:0057915      !!!
                    07R401:M0027702 x 07R2523:0057911      !!!
                    07R401:M0032809 x 07R2523:0057915      !!!
                06N401:M0022904 x 06N1616:0020702
                06N401:M0022905 x 06N1616:0020708
```