

les-n1450-\_  
Fri Jun 01 16:28:50 2018 1

% this is ../../crops/18r/planning/current\_pedigrees/secondary\_recessives/les-n1450-\_  
% generated Friday, June 01, 2018 at 21:28:50 UTC (=1527888530.967447) 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.

% +/Les\*-N1450-

06R0076:0000000 x 06R0076:0000000

06R200:S00I1907 x 06R0076:0007604

09R1145:0001704 x 09R1145:0001704

09R1145:0001705 x 09R1145:0001705

09R1145:0001706 x 09R1145:0001706

09R1145:0001708 x 09R1145:0001708

09R1145:0001709 x 09R1145:0001709

09R1145:0001712 x 09R1145:0001712

09R1145:0001714 x 09R1145:0001714

06R200:S00I1911 x 06R0076:0007616

06N201:S0013805 x 06N1155:0004004

06N301:W0032609 x 06N1155:0004004

06N401:M0013003 x 06N1155:0004004

09R1155:0002503 x 09R1155:0002503

12R305:W0003815 x 12R3685:0035213

12R3685:0035213: [12r/aleph/9.8-[2169]]

12R305:W0004105 x 12R3685:0035203

12R3685:0035203: [12r/aleph/9.8-[2172]]

09R1155:0002505 x 09R1155:0002505

09R1155:0002507 x 09R1155:0002507

09R1155:0002509 x 09R1155:0002509

09R1155:0002510 x 09R1155:0002510

09R1155:0002512 x 09R1155:0002512

06R200:S00I2512 x 06R0076:0007601

09R1154:0001501 x 09R1154:0001501

09R1154:0001502 x 09R1154:0001502

09R1154:0001504 x 09R1154:0001504

09R1154:0001507 x 09R1154:0001507

09R1154:0001509 x 09R1154:0001509

09R1154:0001512 x 09R1154:0001512

09R1154:0001513 x 09R1154:0001513

09R1154:0001515 x 09R1154:0001515

09R1154:0001516 x 09R1154:0001516

06R200:S00I2513 x 06R0076:0007608

06R200:S00I2515 x 06R0076:0007609

06R200:S00I2516 x 06R0076:0007611

06R200:S00I2518 x 06R0076:0007613

09R1147:0002004 x 09R1147:0002004

09R1147:0002006 x 09R1147:0002006

09R1147:0002007 x 09R1147:0002007

09R1147:0002010 x 09R1147:0002010

09R1147:0002012 x 09R1147:0002012  
06R200:S00I2520 x 06R0076:0007614  
09R1151:0002102 x 09R1151:0002102  
09R1151:0002106 x 09R1151:0002106  
09R1151:0002113 x 09R1151:0002113  
09R1151:0002114 x 09R1151:0002114  
09R1151:0002115 x 09R1151:0002115  
06R200:S00I6602 x 06R0076:0007616  
09R1110:0002402 x 09R1110:0002402  
09R1110:0002403 x 09R1110:0002403  
09R1110:0002405 x 09R1110:0002405  
09R1110:0002406 x 09R1110:0002406  
09R1110:0002412 x 09R1110:0002412  
06R300:W00I1202 x 06R0076:0007616  
09R1160:0002603 x 09R1160:0002603  
12R305:W00I1607 x 12R3688:0035503 12R3688:0035503: [12r/aleph/9.8-[2192]]  
09R1160:0002612 x 09R1160:0002612  
09R1160:0002614 x 09R1160:0002614  
06R300:W00I1219 x 06R0076:0007611  
06R300:W00I2717 x 06R0076:0007614  
09R1156:0002201 x 09R1156:0002201  
12R305:W0003209 x 12R3687:0035412 12R3687:0035412: [12r/aleph/9.8-[2145]]  
09R1156:0002202 x 09R1156:0002202  
09R1156:0002203 x 09R1156:0002203  
09R1156:0002212 x 09R1156:0002212  
09R1156:0002214 x 09R1156:0002214  
06R400:M000I910 x 06R0076:0007609  
06R400:M00I0605 x 06R0076:0007601  
09R1164:0001601 x 09R1164:0001601  
09R1164:0001609 x 09R1164:0001609  
09R1164:0001614 x 09R1164:0001614  
09R1164:0001617 x 09R1164:0001617  
09R1164:0001618 x 09R1164:0001618  
06R400:M00I0609 x 06R0076:0007608  
09R1188:0001802 x 09R1188:0001802  
12R405:M0011115 x 12R3691:0035813 12R3691:0035813: [12r/aleph/9.8-[2173]]  
09R1188:0001803 x 09R1188:0001803  
09R1188:0001804 x 09R1188:0001804  
09R1188:0001805 x 09R1188:0001805  
09R1188:0001808 x 09R1188:0001808  
09R1188:0001810 x 09R1188:0001810  
09R1188:0001811 x 09R1188:0001811  
09R1188:0001812 x 09R1188:0001812  
06R400:M00I0910 x 06R0076:0007609  
06R400:M00I0914 x 06R0076:0007611  
09R1176:0001902 x 09R1176:0001902  
09R1176:0001903 x 09R1176:0001903

09R1176:0001904 x 09R1176:0001904  
09R1176:0001905 x 09R1176:0001905  
09R1176:0001906 x 09R1176:0001906  
09R1176:0001914 x 09R1176:0001914  
09R1176:0011705 x 09R1176:0011705  
09R1176:0011706 x 09R1176:0011706  
09R1176:0011710 x 09R1176:0011710  
09R1176:0011711 x 09R1176:0011711  
06R400:M00I1405 x 06R0076:0007614  
09R1178:0002303 x 09R1178:0002303  
09R1178:0002304 x 09R1178:0002304  
09R1178:0002308 x 09R1178:0002308  
09R1178:0002313 x 09R1178:0002313  
09R1178:0002315 x 09R1178:0002315  
06R400:M00I1502 x 06R0076:0007616  
09R1186:0002702 x 09R1186:0002702  
09R1186:0002704 x 09R1186:0002704  
09R1186:0002706 x 09R1186:0002706  
09R1186:0002708 x 09R1186:0002708  
09R1186:0002709 x 09R1186:0002709  
06R400:M00I8403 x 06R0076:0007604  
06R400:M00I8410 x 06R0076:0007616  
09R1179:0002801 x 09R1179:0002801  
09R1179:0002802 x 09R1179:0002802  
09R1179:0002806 x 09R1179:0002806  
09R1179:0002809 x 09R1179:0002809  
09R1179:0002811 x 09R1179:0002811  
06R400:M0I10806 x 06R0076:0007604  
09R201:S0044506 x 09R0076:0001406 09R0076:0001406: [09r/gimmel/21.8-[16]]  
10R3074:0039001 x 10R3074:0039001  
12R205:S0003107 x 12R3682:0034913 12R3682:0034913: [12r/aleph/9.8-[2176]]  
14R4199:0016205 x 14R4199:0016205  
14R4199:0016211 x 14R4199:0016211  
14R4199:0016212 x 14R4199:0016212  
12R305:W0002915 x 12R3682:0034913 12R3682:0034913: [12r/aleph/9.8-[2176]]  
14R4200:0016302 x 14R4200:0016302  
14R4200:0016303 x 14R4200:0016303  
14R4200:0016304 x 14R4200:0016304  
12R405:M0003005 x 12R3682:0034913 12R3682:0034913: [12r/aleph/9.8-[2176]]  
14R4201:0016405 x 14R4201:0016405  
14R4201:0016407 x 14R4201:0016407  
14R4201:0016413 x 14R4201:0016413  
10R3074:0039007 x 10R3074:0039007  
10R3074:0039010 x 10R3074:0039010  
10R3074:0039011 x 10R3074:0039011  
09R301:W0056910 x 09R0076:0001406 09R0076:0001406: [09r/gimmel/21.8-[16]]  
10R3075:0039107 x 10R3075:0039107

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12R205:S0002209 x 12R3686:0035313  
09R301:W0056917 x 09R0076:0001405  
09R401:M0050106 x 09R0076:0001406  
10R3076:0039205 x 10R3076:0039205  
12R305:W0011608 x 12R3690:0035701  
12R305:W0011609 x 12R3690:0035709  
10R3076:0039209 x 10R3076:0039209  
10R3076:0039211 x 10R3076:0039211  
10R3076:0039212 x 10R3076:0039212  
09R401:M0051110 x 09R0076:0001401  
09R401:M0051701 x 09R0076:0001404

09R0076:0001405: [09r/gimmel/21.8-[9]]  
09R0076:0001406: [09r/gimmel/21.8-[16]]  
12R3690:0035701: [12r/aleph/9.8-[2178]]  
12R3690:0035709: [12r/aleph/9.8-[2171]]  
09R0076:0001401: [09r/gimmel/18.8-[43,44,45]]