

878<0E8O - Lysimachia

gradinar, AJ1>B028 D52 @C0 @82009 - 14:16:28

878<0E8OB02::NG20>:>;>2002840<=>3>3>48H=8  
B@528AB8 @0AB5=8O. "5A045:>@0B82=88FJDBOI8?@57  
;OB>B>, =O:>8284>25A5>B3;5640B23@048=8B5.

878<0E18;548=>B2>5=0G0;=8F8B5=0 ;5:A0=4J@  
0:54>=A:8. >N20;E@01@>8A;54A<J@BB0=0 ;5:A0=4J@,  
?@8?>4O;10B0=08<?5@8OB0,AB0=0;=0<5AB=8:=0"@0:8O,  
A;54:>5B>A5?@>2J73;0A8;70F0@. 420;8?@>GCB8OB2>8=  
87>1I>A558=B5@5AC20;>B @0AB5=8O, =>?>8@>=8O=0  
AJ410B0 0=B8G=8OB1>B0=8: 8>A:>@84=0@5:J;2=53>20  
G5AB:@0A82>F25B5.

878<0E88B5A03>;O<@>4>BA5<59AB2>3;8:>28.  
07?@>AB@0=5=8A02C<5@5=8B58AC1B@>?8G=8B5>1;0AB8  
=0!525@=>B>?>;C:J;1>, ?>25G5B> @0AB0B2 8B09. # =0A  
AJI>A5A@5I0B=O:>;:>2840,:>8B>?@8B56020B  
=5AJ<=5=845:>@0B82=8:0G5AB20.

">G:>20B0;878<0E8O (L. punctata) FJDB8 @07:>H=>=0  
?>;CA5=G5AB88A;J=G528 <5AB0A?;>4>@>4=0?>G20  
8<=>5=>6J;B8B59F25B>25>:8G20BA;01> @07:>;>=5=8O  
2@JE=028A>:>B>4>90A<ABJ1;>?@57N=8-N;8. =>3>  
1J@7>>1@07C20?;JB=83@C?885>A>15=>5D5:B=04>  
2>4>5<882<8:A1>@45@8.

18:=>25=0B0;878<0E8O (L. vulgaris) 4>AB83050-100A<28A>G8=0.  
&JDB8?@57N=8-023CAB8GC45A=> @07:@0AO20A5=G5AB8  
2;06=8<5AB0.

>=5B>;8AB=0B0;878<0E8O (L. nummularia) 28@5587A5=G5AB8B5  
3>@8, ?>2;06=8B5;82048, ?>1@53>25B5=01;0B0B08  
2>4>5<8B5. J;7OI>B>9ABJ1;>4>AB8304>30A<. 20;=8B5  
;8AB0A0<=>3>:@0A828.&JDB8>B<094>023CAB.  
09-F5==>B>9:0G5AB2>5A?>A>1=>ABB040 @0AB58=0  
>B25A=8?>2J@E=>AB8.

0C:@0A0<>6540A5?>;720B=0?@02>482> @0ABOI8B5  
;878<0E88, 0=O:>8 @07A04=8F8?@54;030B8:C;B828@0=8.

>4 :>@>=8B5=0 4J@25B0B0 O@:8B5 8< 6J;B8 F25B>25 A25BOB  
:0B> <0;;8 A;J=G8F0. >>B=>H5=85=0 ?>G20B0=O<0B  
>A>15=8 ?@5B5=F88, >A25= G5 B@O120 40 5 ?>AB>O==>  
2;06=0. 0:> 5 1>30B0 8 @>E:020, A5 @07@0AB20B  
872J=@54=> 1J@7>, :0B> >1@07C20B ?;JB=8 :8;8<8. !  
<5AB=8B5 284>25 ;878<0E88 <>65 40 A5 45:> @8@0B 2AO:0:28  
2;06=8 <5AB0, :>8B> 8A:0<5 40 A0 ?;JB=> ?>:@8B8 A  
@0AB8B5;=>AB.

878<0E8OB0 28@55 4>1@5, :>30B> 5 70A045=0 2  
?;>4>@>4=0 ?@>?CA:;820 ?>G20 8 5 =0AB0=5=0=0 <=>3>  
A25B;> <OAB>, :>5B> >10G5=5 A5 ?@8?8G0>B>154=>B>  
A;J=F5. >4E@0=20 A :><18=8@0= @07B2>@8< B>@ 70  
FJDBOI8 @0AB5=8O. 0 ?>-A8;=> @07::>=O20=5=0=O:>;:>  
?JB8 2@JEG5B0B0 A5 ?@5<0E20B. >30B>=0ABJ?OB  
70ABC4O20=8OB0, F25B5B> A5 2=0AO 2 ?@>E;04=> A25B;>  
?><5I5=85 A B5<?5@0BC@012-15 3@04CA0, 70 40 ?@578<C20.  
>:0B> ?>G820, A5 ?>;820 ?>-@O4:> 8 A ?>-<0;;> 2>40. @57  
?@>;5BB0 A5 ?@5E2J@;O 2 =>20 1>30B0 ?>G20 8 A5 87=0AO  
=02J=, 70 40 :@0A8 10;:>=0 >B 28AOI0B0 A8 :>H=8F0.

**07<=>6020=5B>** AB020 A 2@JE=8 @57=8F8 A2-3 42>9:8 4>1@5  
@0728B8 ;8AB0. "5 A5 2:>@5=O20B ?@57 ?@>;5BB0 8 ;OB>B> 2  
B>@D5=0 ?>G20. 0 ?>-1J@7> >1@07C20=5=0 :>@5=8B5  
<>65 40 A5 ?>B>?OB 2 AB8<C;0B>@ 70 2:>@5=O20=5, => 4>@8  
157=53>, ?>:@8B8 A=09;>=>2 ?;8: 70 ?>44J@60=5=0  
=5>1E>48<0B0 2;06=>AB, ?CA:0B :>@5=8 701-2 A54<8F8.

878<0E8OB0 5 GC45A=0 10;:>=A:0 C:@0A0. 0A045=0 2J2  
28AOI0 A0:A8O, AJA A2>8B5 ;5:> C2A=0;8 ABJ1;0, 702J@H20I8  
A :8B:0 6J;B8 F25BG5B0, AJ74020 A;J=G520 8 @04>AB=0  
0B<>AD5@0. A25= B>25 5 8 25;8:>;5?5= D>= 70 4@C38 F25B0.

**"5<?5@0BC@0:** CAB>9G820=0 B5<?5@0BC@=8 ?@><5=8.  
0?>O209B5 O @54>2=>. >G20B0 B@O120 28=038 40 5 2;06=0.