

!5;038=5;0(@ 5B5=>284=0 ?0? @ 0B) - *Selaginella braunii*

gradinar, G 5 B 2 J @ B J : 21 < 0 9 2009 - 15:34:36

!5;038=5;0B0 5 @ >4>< >B 78O.

!5;038=5;0B0 5 87? @ 025=0 8 ? @ 8;8G0=0 ? @ 8GC4;820
: @ JAB>A:0 <564C ?0? @ 0B 8 4 @ 51=> 83;>;8AB=>.
AB5AB25=0B0 9 A @ 540 5 2 40;5G=8 AB @ 0=8 :0B> /?>=8O, 8B09
8 0;0978O. <0=09- @ 07;8G=8 284>25 1 @ >=5F, 8450;=8 70
>B3;5640=5 2 0?0 @ B0<5=B. ">20 A0 25G=>75;5=8
<=>3>3>48H=8 @ 0AB5=8O, :>8B> =5 FJDBOB 8 A5 >B;8G020B
AJA A8B=8, ?0AB5;=>75;5=8 ?;>A:8 ;8AB8F0.

!@54 ?8B><=8B5 284>25 A5 A @ 510B 5:75<?;O @ 8 :0:B> A
=0? @ JA:0=8, B0:0 8 A >1B>G5=8 2 1O;> ?5BC @ 8. <0 2J74CH=8
:> @ 5=8, :>8B> A2J @ 720B ABJ1;>B> A ? @ JABB0 8 3> ?>4?8 @ 0B
:0B> :>:8;8. >AB830 <0:A8<0;=0 28A>G8=025 A<.

"CD5AB> @ 0AB5=85 A BJ<=>75;5=8 68;028 ?0;<>284=8
;8AB0. 0AB5=8OB0 4>AB830B 28A>G8=0 =0415-30 A<. 5A=> A5
>B3;5640B 8 2 A0:A88. !5;038=5;0B0 5 AE>4=0 =0 ?0? @ 0B0 8
=5 FJDB8, => @ 0640 =5? @ 82;8G018 2=8<0=85B>
G5B8 @ 8J3J;=8 AB @ >18;8(;8AB=8 H8H0 @ :8, ?J;=8 AJA A?> @ 8)
=0 >B45;=8 :;>=:8.

!5;038=5;0B0 5 18;0 <=>3> ?>?C;O @ =0 ? @ 57 <8=0;8O 25;,
=> 4=5A A5 87?>;720 ? @ 548<=> 70 B5 @ 0 @ 8C<8. # =0A A5
? @ 54;030B 4>AB0 @ 07=>284=>AB8, 2=>A >B %>;0=48O, => 2
B>?;8B5 AB08=0 0?0 @ B0<5=B8B5 =8 A8B=8B5 ;8AB5=F0 1J @ 7>
A5 A2820B 8 AJE=0B. 0AB5=85B> =5 ?>=0AO =8B> ACE8O
2J74CE, =8B> 2J74CH=8B5 B5G5=8O.

0B> FO;> A0;038=5;0B0 5 =5? @ 848 @ G820 8 28 @ 55 ;5A=>.
"5<?5 @ 0BC @ 0: 09-4>1 @ 0B0 B5<?5 @ 0BC @ =0 0<?;8BC40 70
=5O 5 <564C13 818 3 @ 04CA0 ? @ 57 ;OB>B>.
;06=>AB: @ 8 8 40 9 >A83C @ 8B5 28A>:0 2J74CH=0 2;030,
6538B5 I5 ? @ 5ACH0B ;8AB0B0 87;NG8B5;=> 1J @ 7>. 5 O
87;0309B5 =0 B5G5=8O, 70I>B> =5 9 ?>=0AOB >A>15=>. !;54
>125B @ O=5 :;>=:8B5 ?>BJ<=O20B 8 C2OE20B.

OAB>: 07?>;>65B5 @0AB5=85B>=0 4>1@5 >A25B5=>
<OAB>, 157 40 3> 87;030B5=0 ?@5:8 A;J=G528 ;JG8. :>
>B3;5640B5 5:75<?;O@0 2 ABJ::5= AJ4, =5?@5<5==>
?>G8AB209B5 ?>2J@E=>ABB0 <C G5AB> 8 2=8<0B5;=>, 70 40
=5 >3@0=8G8B5 ?@5<8=020=5B>=0 A25B;8=0B0.

>;820=5: >;8209B5 A5;038=5;0B0 5654=52=> A
=520@>28B0 2>40 ?@57 @0AB56=8O A57>=, ?>44J@609B5
?@JABB0 2;06=0, 157 40 ?>438720. @57 78<0B0 ?>;8209B5
?>-<0;:>. 5>1E>48<> 5 28A>:>=82>=0 2J74CH=0 2;030,
;5A=> ?>AB868<>, 0:> O :C;B828@0B5 ?>4 ABJ::>. @8
>18:=>25=8B5 CA;>28O 70 AB09=0 75;5=8=0, 3;5409B5 40 9
>A83C@8B5 4>AB0BJG=> 2;030 :0B> ?>AB028B5 A0:A8OB0 2
?>-H8@>: AJ4 A 2>40, :>OB> 102=> 15 A5 87?0@O20.
@>AO20=5B> AJA8?20 ;8AB0B0.

">@5=5: ">@5B5 @0AB5=85B> >B2@5<5-=02@5<5 ?@57
@0AB56=8O A57>= A 42>9=> @07@545=0 4>70 B5G5=
?>4E@0=20I ?@5?0@0B.

@5A0640=5: @5A06409B5 ?@57 3>48=0 2 4>1@5 4@5=8@0=0
?@JAB, AJAB025=0 >B B>@D 8 A8B5= ?OAJ: 2 @02=8 G0AB8.
>2J@E=>AB=8OB A;>9=0 ?>G20B0=0 3@048=:8B5 2
1CB8;;0 8 B5@0@8C<8B5 A5 >?@5A=O20 5653>4=>.

07<=>6020=5: !5;038=5;0B0 A5 @07<=>6020, :0B> >B45;O
A?>@8. !?>@8B5 A5 ?>AB02OB 2J2 2;065= B>@D 8;8 ?OAJG=0
A<5A 8 A5 ?>:@820B AJA ABJ::> 4>:0B> A?>@8B5 =5
?>:J;=0B. "5 A0 ?>-@07;8G=8 >B 2>4=8B5 ?0?@0B8 A B>20, G5
?@>8725640B :0:B> <J6:8, B0:0 8 65=A:8 A?>@8. >28B5
<0;:8 @0AB5=8O A5 70A0640B 2 >B45;=8 A0:A88.

0 B>=CA0 =0 A5;038=5;0B0 5 =5>1E>48<> ?>AB>O==> 40
>BAB@0=O20B5 C25E=0;8B5 9 ;8AB5=F0. :>30B> A5
@07@0AB=5 ?@5:0;5=> <=>3>, =5 A5 ?@8B5A=O209B5 40 O
?>4:0AB@8B5. ">20 I5 9 A5 >B@078 4>1@5.