

5 > @ 535 ; 8 O - Neoregelia

gradinar, A J 1 > B 0 12 A 5 ? B 5 < 2 @ 8 2009 - 13:11:08

!5 < 59 A B 2 > (@ > 4): = 0 = 0 A > 2 8 - @ > < 5 ; 8 8 (Bromeliaceae)

= > 3 > ; N 4 = > B > A 5 < 59 A B 2 > @ > < 5 ; 8 5 2 8 8 < 0 < = > 3 >
3 > @ 5 1 8 ? @ 8 2 J @ 6 5 = 8 F 8. 0 B 5 7 8, : > 8 B > 6 5 ; 0 O B 4 0 > 1 > 3 0 B O B
A 2 > O B 0 : > ; 5 : F 8 O, = 5 > @ 5 3 5 ; 8 O B 0 (neoregelia) e = 0 E > 4 : 0.

> 4 J B ? @ > 8 7 E > 6 4 0 > B 1 ; 0 B 8 A B 8 B 5 B @ > ? 8 G 5 A : 8 ; 5 A > 2 5 = 0
@ 0 7 8 ; 8 O 8 2 : ; N G 2 0 > : > ; > 6 0 2 8 4 0, 2 A 8 G : 8 B 5 A 3 > ; 5 < 8
4 5 : > @ 0 B 8 2 = 8 : 0 G 5 A B 2 0. > 2 5 G 5 B > 2 8 4 > 2 5 A 0
= 5 ? @ 5 B 5 = F 8 > 7 = 8 8 ; 5 A = > A 5 ? @ 8 A ? > A > 1 O 2 0 B : J < A C E 8 O
2 J 7 4 C E 2 4 > < > 2 5 B 5.

> 4 J B 5 > ? 8 A 0 = ? @ 5 7 1 8 4 6 3. 8 5 = 0 @ 5 G 5 = = 0 8 < 5 B > = 0
4 8 @ 5 : B > @ 0 = 0 1 > B 0 = 8 G 5 A : 0 B 0 3 @ 0 4 8 = 0 2 5 B 5 @ 1 C @ 3 . .
5 3 5 ; (1815 1892).
> 2 5 G 5 > B 4 0 2 8 4 0 A 5 > B 3 ; 5 6 4 0 B : 0 B > A B 0 9 = 8 @ 0 A B 5 = 8 O 8 2
> @ 0 = 6 5 @ 8 8. 8 A B 0 B 0 = 0 = 5 > @ 5 3 5 ; 8 O B 0 > 1 @ 0 7 C 2 0 B ? ; J B = 0
@ > 7 5 B : 0.

A > 1 5 = > : @ 0 A 8 2 0 5 = 5 > @ 5 3 5 ; 8 O : 0 @ > ; 8 = 5 (neoregelia carolinae) -
5 ? 8 D 8 B = > @ 0 A B 5 = 8 5 A : @ 0 A 8 2 8 ; 8 A B 0, : > 8 B > 4 > A B 8 3 0 B = 0
4 J ; 6 8 = 0 4 > 4 0 A 0 = B 8 < 5 B @ 0. (8 @ 8 = 0 B 0 8 < 5 > : > ; > 5 A <, 0
: @ 0 8 1 0 B 0 A 0 > 1 @ 0 < G 5 = 8 > B A 2 5 B ; > 6 J ; B 0 8 2 8 F 0. & 5 = B J @ J B
= 0 @ > 7 5 B : 0 B 0 5 > F 2 5 B 5 = 2 : 0 @ < 8 = 5 = > G 5 @ 2 5 = >, 0
F 2 5 B G 5 B 0 B 0 A 0 A 2 5 B ; > A 8 = 8.

O : > 8 > B ; 8 A B 0 B 0 A 0 A 1 5 ; 8 8 2 8 F 8, 0 4 @ C 3 8 A 0 A
: J @ 2 0 2 > G 5 @ 2 5 = 8 2 @ J E G 5 B 0. & J 2 B 8 A 0 < > ? @ 5 7 ; O B > B > A
; 8 ; 0 2 8 F 2 5 B G 5 B 0, > 1 3 J @ = 0 B 8 > B ; 8 A B = 0 @ > 7 5 B : 0. 8 A B 0 B 0 = 0
@ > 7 5 B : 0 B 0 A 0 G 5 @ 2 5 = 8 A J A A 8 = : 0 2 > B B 5 = J :.

> ; 8 2 0 = 5:

> ; 8 2 0 A 5 2 @ > 7 5 B : 0 B 0 A ? @ 5 A B > O ; 0 2 > 4 0 A J A A B 0 9 = 0
B 5 < ? 5 @ 0 B C @ 0. @ > ; 5 B 8 ; O B > 2 @ > 7 5 B : 0 B 0 B @ O 1 2 0 4 0 8 < 0
2 8 = 0 3 8 2 > 4 0, : > O B > A 5 A < 5 = O 2 5 4 = J 6 2 < 5 A 5 F 0. : > 7 8 < 0 B 0
B 5 < ? 5 @ 0 B C @ 0 B 0 5 ? > - = 8 A : 0 > B 1 7 >, ? > - 4 > 1 @ 5 5 4 0 A 5 ? > ; 8 2 0 2
? > G 2 0 B 0 8 4 0 = 5 A 5 > A B 0 2 O 2 > 4 0 2 @ > 7 5 B : 0 B 0. "> 3 0 2 0 B @ O 1 2 0
? @ J A B B 0 4 0 5 8 7 A J E = 0 ; 0 ? @ 5 4 8 A ; 5 4 2 0 I > ? > ; 8 2 0 = 5.

&JDB5=5:

&J2B8 A0<> ?@57 ;OB>B> A ;8;028 F25BG5B0, >13J@=0B8>B
;8AB=0 @>75B:0. 8AB0B0=0 @>75B:0B0 A0 G5@25=8AJA
A8=:02>BB5=J:."@O12040 A5 7=05, G5 G5@25=8OB F2OB=0
A@54=8B5 ;8AB0 A5 ?>O2O20=5?>A@54AB25=> ?@548
FJDB560.

!25B;8=0:

0:0@40 ?@54?>G8B0B A;J=G52>87;>65=85, <=>3>>BBOE
A5 @072820B 4>1@582?>;CAO=:0. 5>@535;88B5 A5
@07@0AB20B A8;=>=0H8@8=0, ?>@048 :>5B>705<0B<=>3>
<OAB>8=09-4>1@5540 A5>B3;5640B=0>B45;=0?>AB02:0
1;87>4> ?@>7>@5F0.

"5<?5@0BC@0:

@57 ;OB>B>=5>@535;88B5 A5 GC2AB20B 4>1@5 ?@8
B5<?5@0BC@022-253@04CA0, 0 ?@5778<0B0 ?@8>:>;>16-20, :0B>
=5?>=0AOB ?>=86020=5?>4133@04CA0.

@JA:0=5:

0:B>2A8G:81@><5;8528, =5>@535;88B5 A5 ?>;820B
48@5:B=>2 ;8AB=0B0 @>75B:0. >40B0B@O120405 ?@5AB>O;0
?>=524 G0A08408<0AB09=0B5<?5@0BC@0. @57 ?@>;5BB08
;OB>B> @>75B:0B0B@O12028=038405 ?J;=0A2>40, :>OB>A5
4>;820 ?>=5254=J6<5A5G=>A ?@OA=0. :> ?@5778<0B0
B5<?5@0BC@0B02 ?><5!5=85B>5 ?>4173@04CA0, ?>-4>1@55
40A5 ?>;8202 ?>G20B0=5 ?>-G5AB>>B254=J6=045A5B8=0
4=8, 02 @>75B:0B040=5A5704J@602>40. B<094>023CAB2J2
2>40B070 ?>;820=5A5 @07B20@O254=J6<5A5G=>
A?5F80;5= B>@701@><5;8528.

;06=>AB:

>1@585 ?@8ACE2J74CE.

">@5=5: B<094>023CAB 254=J62<5A5F0, 78<0B0 =06
A54<8F8. ">@8A5A<8=5@0;=8B>@>25, A?5F80;=>70
1@><5;888;8AB>@70AB09=8F25BO, =><0:A8<0;=0B04>70
542>9=> ?>-<0;:0. ! ?@83>B25=8O @07B2>@70B>@5=5<>65
40A5 ?>;552 @>75B:0B0, 0<>65840A5=0?@JA:0
@0AB5=85B>.

@5A0640=5:

@5A0640A5 ?>=5>1E>48<>AB 2=0G0;>B>=0 ?@>;5BB0.
>@5=>20B0A8AB5<05A;01> @0728B0, 70B>20 ?@5A0640=5
A5=0;030 @O4:>.
>G20B0B@O120405 @>E:020, 4>1@540 ?@>?CA:02;0308
2J74CE, A;01>:8A5;0 @5. !<5A20BA5: ;8AB>2:0, B>@D,
?OAJ:, 4>102O A5AD03=C<8 ?O@G5=F04J@25=82J3;8I0.

>1J@ 4@5=06 1/3 4>1/2 >B 28A>G8=0B0 =0 A0:A8OB0.

07<=>6020=5:

- >28 @>75B:8, :>8B> A5 ?>O2O20B A;54 :0B> @0AB5=85B>
?@5FJDB8. B45;OB A5 :>30B> A0 >1@07C20;8 A>1AB25=8
:>@5=8.
- !5<5=0 70AO20B A5 2 A<5A >B ;8AB>2:0 8 ?OAJ:(1:1).

>;5AB8:

J18G=8 8=D5:F88, :>8B> 2>4OB 4> 3=85=5 =0 4>;=0B0 G0AB
=0 @0AB5=85B> 8 B> 703820. @5C2;06=O20=5B> AJ74020
4>1@0 A@540 70 B078 8=D5:F8O.

@548B5;8:

- @><5;8528 18B>=>A=8 2JH:8 8 >B 425B5 AB@0=8 =0
;8AB0B0. >@075=8B5 ;8AB0 ?>6J;BO20B 8 C<8@0B.
- 0<C::89;8 @0AB5=85B> A?8@0 @0AB560 A8, ;8AB0B0
6J;B5OB 8 C<8@0B. 0;8G85B> 8< 5 ?@54?>AB02:0 70 3J18G=8
701>;O20=8O.
- :0@8 8 >B 425B5 AB@0=8 =0 ;8AB0B0. >?>@075=8B5 ;8AB0
A5 ?>O2O20B ?0O68=8, ;8AB0B0 ?>6J;BO20B 8 C<8@0B.
- 8AB=8 2JH:8 ?> 3>@=0B0 AB@0=0 =0 ;8AB0B0. >@075=8B5
;8AB0 ?>6J;BO20B 8 C<8@0B.

>30B> A5 =0;030 B@5B8@0=5 =0 @0AB5=85B> A ?@5?0@0B8
A@51C 2@548B5;8, B@O120 40 A5 2=8<020 ?@5?0@0BJB 40 =5
>AB0=5 2 @>75B:0B0.

84>25:

Neoregelia carolinae 5?8D8B=> @0AB5=85. 8AB0B0 A0 4J;3840 60 A<,
H8@>:82,5 3,5 A< 8 1@>OB 8< 5>:>;>20. "5>1@07C20B H8@>:0,
?;JB=0, :;045=G>284=0 @>75B:0 4>40 50 A< 2 480<5BJ@.
8AB0B0 A0 O@:> 75;5=8, 1;5ABOI8, 578:>284=8, AJA
70>A@5=8 2J@E>25 8 3JAB8 H8?>25 ?> :@0810B0. @548
FJDB56 2JB@5H=8B5 ;8AB0 =0 @>75B:0B0 AB020B O@:>
G5@25=8. !JF25B85B> 5 ?@>AB>, <=>3>F25B=>,
@07?>;>65=> 4J;1>:> 2 F5=BJ@0 =0 @>75B:0B0.
@8F25B=8B5 ;8AB0 A0 H8@>:>->20;=8, 70>AB@5=8 8;8
70:@J3;5=8 A:JA8 >AB@8 2J@E>25, 15;57=8:028.
@8F25B=8F8B5 A0 ?@>4J;3>20B8, A>AB@8 8;8 70:@J3;5=8
2J@E>25, 15;57=8:028, ?>:@8B8 A;NA?8 8;8 3>;8. &25B>25B5
A0 4J;384 A<, A 4@J6:8. '0H5;8ABG5B0B0 A0 75;5=8,
70:@J3;5=8, A>AB@8 2J@E>25, ;5:> A@0AB=0B8, 3>;8, 4J;382,4
2,8 A<. 5=G5;8ABG5B0B0 A0 70>AB@5=8, ?>25G5 >B
?>;>28=0B0 A@0AB=0B8, 1;54> ;8;028. 0AB5=85B> FJDB8
<09 N;8. >48=0B0 <C 5 @078;8O. !@510 A5 =0 28A>G8=0 4>
1200 <=04<>@A:> @02=815, 2J2 2;06=8 3>@8.
C;B828@0=> 5 70 ?J@28 ?JB1856 3. 725AB=8 A0 D>@<8 A 15;8,

@>7>28875;5=8828F8?>4J;68=0B0=0;8AB0B0.

Neoregelia marmorata =075<=> @0AB5=85A?;JB=0,H8@>:0,
::045=G>284=0 @>75B:0. 8AB0B0A04J;3820 60A<,H8@>:88
A<,578:>284=8,874J;65=8:J<2J@E0,A>AB@82J@E>25,
?>:@8B8A1;54>>F25B5=8;NA?8. @0810B0A0AJAH8?>25,
4J;384>1<<. 8AB0B0A075;5=8A?C@?C@=8?5B=0.
!JF25B85B>5?@>AB>,<=>3>F25B=>,@07?>;>65=>
4J;1>:>2F5=BJ@0=0 @>75B:0B0. @8F25B=8B5;8AB0A0
H8@>:>>20;=8,70>AB@5=88;870:@J3;5=8A:JA8>AB@8
2J@E>25,A25B;>75;5=8,?>:@8B8A;NA?8. @8F25B=8F8B5
A0;8=59=8,A=53>;O<>ABJ@2@JE,A4J;68=0,@02=0=0
?>;>28=0B0>B4J;68=0B0=0G0H5;8ABG5B0B0.&25B>25B5A0
4J;383,5A<,A4@J6:8.'0H5;8ABG5B0B0A04J;381,9 2,4A<,>5:>
A@0AB=0B8,A=5?@028;=0D>@<0,>0=F5B=8,75;5=8,A@54:8
1;54>>F25B5=8;NA?8. 5=G5;8ABG5B0B0A070>AB@5=8,
15;881O;>@>7>28,4J;382,4A<. 0AB5=85B>FJDB8N=8.
C;B828@0=>570?J@28?JB19393. >48=0B0<C5 @078;8O.
!@510A52:@091@56=8B57>=821;87>AB4>>:50=0,=0
>B:@8B>8;82=8A:83>@8.

Neoregelia tristis 5?8D8B=> @0AB5=85,>1@07C20I>BOA=0 @>75B:0
>B10 12;8AB0. 8AB0B0A04J;3820 60A<,H8@>:82 3A<,
578:>284=8,=02J@E070:@J3;5=8,AJAJ2A5<:JA
70>AB@5=2@JE,?>:@0810B0H8@>:>=07J15=8,75;5=8,
:J<2J@E03>;8,=04>;CAH8@>:8BJ<=8828F88<0;:8
1;54>>F25B5=8;NA?8. !JF25B85B>5?@>AB>,
<=>3>F25B=>,@07?>;>65=>4J;1>:>2F5=BJ@0=0
@>75B:0B0. @8F25B=8B5;8AB0A0?C@?C@=>:0DO28,
H8@>:>>20;=8,A>AB@82J@E>25,F5;>:@09=8.
@8F25B=8F8B5A0BJ<=>?C@?C@=8,C4J;65=8,A>AB@8
2J@E>25,F5;>:@09=8,?>4J;68=0?@528H02018
?>;>28=0B04J;68=0=0G0H5;8ABG5B0B0.&25B>25B5A0
4J;383A<,A4@J6:8.'0H5;8ABG5B0B0A0A8;=>0A8<5B@8G=8,
70>AB@5=8,2>A=>20B0A8A@0AB=0B8,3>;8,4J;381,6A<.
5=G5;8ABG5B0B0A0B5A=8,70>AB@5=8,:JA>-A@0AB=0B8,
A82>-A8=8=02J@E0."8G8=:8B5A0A@0AB=0B8A
25=G5;8ABG5B0B0. 0AB5=85B>FJDB8023CAB.
C;B828@0=>570?J@28?JB19353. >48=0B0<C5 @078;8O.
!@510A5=028A>G8=01000<=04<>@A:> @02=815.

Neoregelia spectabilis 5?8D8B=> @0AB5=85AH8@>:0,B@J1>284=0
@>75B:0. 8AB0B0A04J;3840 45A<,578:>284=8,A8;=>8728B8,
=04>;C75;5=8:02>-G5@25=8AJAA82:028828F8>B;NA?8,A
H8?>20B8:@0810,=03>@575;5=8AO@:><0;8=>2?5B=>
=02J@E0. !JF25B85B>5@07?>;>65=>4J;1>:>2F5=BJ@0
=0 @>75B:0B0. @8F25B=8B5;8AB0A0H8@>:>>20;=8,
G5@25=88;8G5@25=8:028. @8F25B=8F8B5A05;8?A>284=8,

A>ABJ@2@JE,=02J@E03JAB>?>:@8B8A8728B8:0D5=8:028
;NA?8,?>GB8@02=8?>4J;68=0=0G0H5;8ABG5B0B0.
&25B>25B5A04J;3844,5A<,A4@J6:8.'0H5;8ABG5B0B0A0
4J;381,82,3A<,A8;=>0A8<5B@8G=8,5;8?A>284=8,A3>;5<8,
?>GB8:@J3;8:@8;F0=04J;30B08728B0?;0AB8=:0,A
G5@25=>:0D0282;0A8=:8=02J@E0,;5:>A@0AB=0B82
>A=>20B0.5=G5;8ABG5B0B0A04J;3823A<,A25B;>
A82>-A8=8,578:>284=8,A>ABJ@2@JE,8728B8.0AB5=85B>
FJDB8O=C0@8D52@C0@88N=8N;8.
C;B828@0=>570?J@28?JB18733.>48=0B0<C5@078;8O.

Neoregelia pauciflora 5?8D8B=>@0AB5=85ABOA=0::045=G>284=0
@>75B:0>B12;8AB0.8AB0B0A04J;38>:>;>15A<,H8@>:83,5A<,
H8@>:>-578:>284=8,=02J@E070:@J3;5=8,A>ABJ@2@JE,?>
:@0810B0AH8?>25A4J;68=04>1<<,?>:@8B8A<0;;8@54:8
;NA?8,>B3>@5A15;8;J:0BCH=8828F8.&25B>=>AJB5
AJ2A5<:JA.1JF25B85B>52@5B5=>284=>,=5<=>3>F25B=>,
?>-<0;;>>B2A<2480<5BJ@.@8F25B=8F8B5A0>20;=8,
70>AB@5=8.'0H5;8ABG5B0B0A04J;382A<,A=5?@028;=0
D>@<0,BOA=>;0=F5B=8,A>AB@82@JEG5B0,2>A=>20B0;5:>
A@0AB=0B8.5=G5;8ABG5B0B0A04J;385A<,15;8.0AB5=85B>
FJDB8N;8.
C;B828@0=>570?J@28?JB19393.>48=0B0<C5@078;8O.
0AB5=028A>G8=0700<=04<>@A:>@02=815.

Neoregelia sarmentose =075<=>@0AB5=85A?;JB=0,BOA=0,
::045=G>284=0@>75B:084J15@=8@>75B:8=0C4J;65=8
@07;;>=5=8O.8AB0B0A04J;382535A<,H8@>:82,53,2A<,
578:>284=8,=02J@E070:@J3;5=8,A>AB@82@JEG5B0,?>
:@0810B0;5:>=07J15=8,75;5=8,A G5@25=8?5B=0=0
2@JEG5B0B0,>B4>;=0B0AB@0=0BJ<=8,?>:@8B8A<0;;8
1;54>>F25B5=8;NA?8.1JF25B8OB0A0<=>3>F25B=8.
@8F25B=8B5;8AB0A0BOA=>->20;=8,70:@J3;5=88
70>AB@5=8=02J@E0,75;5=8A?C@?C@5=>BB5=J.;A@54:8
:0D5=8:028;NA?8,F5;>:@09=8,=04J;68=0?>GB8@02=8=0
G0H5;8ABG5B0B0.@8F25B=8F8B5A0C4J;65=>-70:@J3;5=8,A
=53>;5<870>AB@5=82@JEG5B0,F5;>:@09=88;8?>GB8
F5;>:@09=8,1;54>>F25B5=8,A?C@?C@=82@JEG5B0,
?>:@8B8A;NA?8.&25B>25B5A04J;382,22,9A<,A4@J6:8.
'0H5;8ABG5B0B0A04J;381,3A<,0A8<5B@8G=8,
H8@>:>-70>AB@5=88;8BJ?8,;5:>A@0AB=0B82>A=>20B0,
75;5=8,3>;8.5=G5;8ABG5B0B0A04J;381,8A<,A>AB@8
2@JEG5B0,G0AB8G=>A@0AB=0B8,15;88;8A25B;>A82>-A8=8.
0AB5=85B>FJDB8023CAB A5?B5<2@8.
C;B828@0=>570?J@28?JB19343.>48=0B0<C5@078;8O.
0AB5=0:0<5=8AB8<5AB02J22;06=83>@88;8:@091@56=8
E@0AB0;0F8.

Neoregelia ampullacea 5?8D8B=> @0AB5=85 A ?;JB=0, 1CB8;:>284=0

@>75B:0. 8AB0B0 A0 ?>-<0;:8 >B B578 =0 ?@54E>4=8B5
284>25, 4J;38 A015 20 A<, H8@>:8 4>1,6 A<, 75;5=8 A B5A=8
G5@25=8:028 828F8 8 <0;:8 :0D5=8:028 ;NA?8, ;8=59=8,
8728B8, A >AB@8 2J@E>25, A H8@>:>=07J15=8 :@0810.
!JF25B85B> 5 @07?>;>65=> 4J;1>:> 2 F5=BJ@0 =0
@>75B:0B0, =5<=>3>F25B=>. @8F25B=8B5 ;8AB0 A0 >20;=8
8;8 B@8J3J;=8, F5;>:@09=8, 70B20@O18 G0H5;8ABG5B0B0.
@8F25B=8F8B5 A0 874J;65=8, 70>AB@5=8, F5;>:@09=8,
?>-3>;5<8 >B G0H5;8ABG5B0B0. &25B>25B5 A0 4J;382,5 A<, A
4@J6:8. '0H5;8ABG5B0B0 A0 4J;38 >:>;>1,5 A<, 75;5=8,
15;57=8:028 ?>:@00, BOA=>-;0=F5B=8, 70>AB@5=8, ;5:>
A@0AB=0B8 2 >A=>20B0. 5=G5;8ABG5B0B0 A0 4J;382 A<,
70>AB@5=8, ?>:@00 A25B;> A82>-A8=8, =0 %A@0AB=0B8.
"8G8=:8B5 A0 A@0AB=0B8 A25=G5;8ABG5B0B0. 0AB5=85B>
FJDB8 0?@8; 023CAB.
C;B828@0=> 5 70?J@28?JB1885 3. >48=0B0 <C 5 @078;8O.
0AB5 =0 28A>G8=0700 800 <=04<>@A:> @02=815, 2 3>@8.

Neoregelia Cyanea 5?8D8B=> @0AB5=85 A >:>;>20 ;8AB0, >1@07C2018

?;JB=0, BOA=0, ;:045=G>284=0 @>75B:0. 8AB0B0 A0 4J;3820
22 A<, H8@>:81 2 A<, 578:>284=8, :>65AB8, 70>AB@5=8,
54=>F25B=8, F5;>:@09=8 8;8 H8@>:>=07J15=8, >B4>;C A
@54:8 15;8 ;NA?8. !JF25B85B> 5 @07?>;>65=> 4J;1>:> 2
F5=BJ@0 =0 @>75B:0B0, <=>3>F25B=>. @8F25B=8B5 ;8AB0
A0 H8@>:> 70:@J3;5=8, A =53>;5<8 70>AB@5=8 2@JEG5B0,
F5;>:@09=8, A @54:8 :0D5=8:028 ;NA?8. @8F25B=8F8B5 A0
;8=59=8 8;8 ;5:> @07H8@5=8 :J< 2J@E0, BJ?>:@09=8,
?;JB=8, ?>GB8 @02=8 ?> 4J;68=0 A G0H5;8ABG5B0B0, 4J;382
A<, H8@>:84 <<. &25B>25B5 A0 4J;382,2 A<, A 4@J6:8.
'0H5;8ABG5B0B0 A0 0A8<5B@8G=8, H8@>:>-70>AB@5=8, 157
>AB@8 2@JEG5B0, 3>;8, ;5:> A@0AB=0B8 2 >A=>20B0.
5=G5;8ABG5B0B0 A0 4J;381,7 A<, A >AB@8 2@JEG5B0, ;5:>
A@0AB=0B8, ?C@?C@=8 8;8 A25B;> A82>-A8=8. 0AB5=85B>
FJDB8 N=8 N;8.
C;B828@0=> 5 70?J@28?JB1939 3. >48=0B0 <C 5 @078;8O.
0AB5 =0 28A>G8=0400 <=04<>@A:> @02=815, 2 3>@8.

Neoregelia tigrina 5?8D8B=> @0AB5=85 A ?;JB=0, ?>GB8 :@J3;0

@>75B:0. 8AB0B0 A0 4J;3810 13 A<, H8@>:81 1,3 A<,
6J;B>-75;5=8 A =5?@028;=8 =0?@5G=8 :0D5=8:028 828F8 8
<0;:8 ;NA?8 2 >A=>20B0, 578:>284=8, AJA 70:@J3;5=8
>AB@>:@09=8 2J@E>25, A =53>;5<8 :0D5=8:028 H8?>25 ?>
:@0810B0. &25B>=>AJB 5 BJ=J.; 4J;J35 A<. !JF25B85B> 5
?@>AB>, >B7 12 F25BG5B0. @8F25B=8F8B5 A0 4J;382 A<,
0A8<5B@8G=8, ;>?0B:>284=8, A >AB@8 2@JEG5B0, A3 68;:8,
G5@25=8:028 =0 2J@E0. &25B>25B5 A0 4J;383,6 A<, A BJ=:8
4@J6:8. '0H5;8ABG5B0B0 A0 4J;381,6 A<, 75;5=8:028, :>65AB8,

;0=F5B=8 8;8 >20;=8, A >AB@8 2@JEG5B0, A@0AB=0;8 A5 2
>A=>20B0, 3>;8, A G5@25=8:028 ?5B=0 =0 2J@E0.
5=G5;8ABG5B0B0 A0 4J;38 >:>;>2,5 A<, >B4>;C A@0AB=0B8 2
B@J18G:0, 15;8, A 874J;65=>-70>AB@5=8 2@JEG5B0, 1;54>
28>;5B>28. "8G8=:8B5 A0 ?>-:JA8 >B 25=G5;8ABG5B0B0.
0AB5=85B> FJDB8 <0@B.
C;B828@0=> 5 70 ?J@28 ?JB1954 3. >48=0B0 <C 5 @078;8O.
0AB5 =0 28A>G8=0700-1200 <=04<>@A:> @02=815, 2 3>@8.

>1@5 @0AB5 =0 A8;=0 A25B;8=0, => ?>=0AO 8 ;5:>
70A5=G20=5.