



Báo cáo K

Q

M X°¥ c] °k °7 d°X d°k °

X X°7^c°e] e°7 d°i c°

@]j °k X°= ^j °fj °] X

C] b °8]j n c°ig X] °k °D: 8B °X V° n°Wc°l d c°X j °k °X X@]j °Wd°k

K^Xfj n^c] ^X X] X] ^V'a igdc\Xj c'h X] c n'k X X] igc] Wn^ c'e] b ^] c\`c\ ^ i] ^
]^c^W i^ f] Vc^b c d^X V^8C] d X X X] X] X] Vb ^V^] X'a^c^f] Vc^c i c] ig c\`e] e^a.
X V^W i^ f] X^V!k c\`a c] i] ^] d X^] j k X^c d!] d X X V^X X^X^3 f] Vc^X i] b f] n c!] d X'a^c^
f] Vc^c k^X e] c^c] W^c^V^] d X a c] i] #

8 Xfj Vc^b i] ^] ^c^igdc\^ c'e] b ^c n^] c\`c] i i] ^i e] c^ c] f] Vc^b ^X V^8C] d X X X^
i X] X] Vb ^V^] X#

8C!<@/cY!1] n^H

M cl c

“B ^fj Vc] °e] °fj i\^V°X X°B X°i^j °6X] °k °B X°i^j °&&° &+
:= °ig °gV°fj n i¥c] /B X°i^j °6X] °&&°X °e] °a °B X°i^j °6X] °
i] X] ° e°c] i¥ °¥ c] °\^ °b iW°c°e] eWd°i c°] c\4° &-
°83 °h °9 °a°j °1] °\^ °k °X X°@] j °7 d°k ° %

L i t a

C] ^j ``] j `k X c b `c\`d `b c\`#] j `W d`k X e`fj X`
`V`k X e`] j `k X c] #c\`X c\`X `kV`ig `igdc\`k`X W d`l c`
c\`j n c`k `V`Y c\`h`c]] X`b i`X X]] ^j `fj #K`X`m X`Y c] !`
W d`X d`k] `ig `b i`X X]] ^j `fj `c] c\``] j `k X`c] #u`k n`
c\`n`X c\`fj Vc`ig c\`igdc\`W X`c] `b i`V`Y c\`h`c]] X`
k `W c`Y ``]] j #8 X W c`i] Vb `V`8 c\`#`mu` X` V`Y c\`.
H`c]] X`879`#`h b X`c\`c] c\`X X W c`e] e`W d`i c`
`] j `k X]] ^j `fj ``] X`#D: 8B#`igdc\`@`d X] `8] ^c\`#] X`
X`V`879`#`%&``%`%`h `b Vc\`a`X`3] `id`a`c`Y`Y`i`#`mu` X`
b X`i`^j `c n#

C] b 1μκ c~ i] j iX] j n cīg X] k X X7^c)e] e~7 d~
i cīj Zd~] j k X~=^fj ~] X X V~ nWc1d cX j k X X~
@] j 7 d\k X V~ 8C~ \ e'e] c\k d\k^X] c\ f] V\Y] c~
c\] V!c\j n cī X] μ c\ Y c!~ X\Y^b X] j c\ k i^j X] ~
~\ mX\Y] c\ D: 8B i = c\] X X7 c\ a c\] &) X V879~
f\j n i\Y] c\ X V879!&)\$\#] ^\~^\~^\~ nX X3] ~c] c~
i] Xg] ^3c\k] d i\Y c\ Wd i c\ig c\] X] i\Y Vc\ Y\~c\g\~
Wc\c\ d X X] j Wd\k \Y\mu X X] \Y] c] k Yd\c] ^j Wc\i] X~
] c\!Wd\~ b c\ \mu \Y c\ Wc\ Y\!X c\ \Y c\ \Y V\] e] \mu^3c\!~] j~
k X i\mu c\] c\ k X X3\ f] Vc\ X] c] e] #

K^XX c\[c] c^X X'D: 8B[e]] e^h ^b Vc^a ^X^3] ^g] j^
] i^k] ^g ^X X'Wc^a c^fj Vc^K X'X] ^h] j^fjn c]^
^c \i] X^fj Vc] ^y ^i X'X c\Wc\]^3c^igdc^X X'
c^a X'Wd^i c^id c^X j^!ab ^YVY c\]^3ch^X X^fj c\^e^
X Vx X'ad ^] c] Wd^i c^ig c^id c^X j^#C j^Ymu X^i] V^c] c]^
X X'D: 8B h^ \ e'e] c^Wd^i c^YVY c\h^c] ^] X^i] Zd^c] ^j^
X X^i] X^i] X^i] c^c] \mu^Wd^i c^X X^i] h^c] i] ^y ^Y^c]^
X X^h^c] X^c] k^] c] ^d^c^i c^c] ^c^fj Vc^ig c\Q^ig^e] X^
] X^X X'ad ^WY^Z^Y VO^j n^ig^X X^c c^c] h^c] i] ^k^ y^ b^



Fj n c\l c\^<^ b \! X!
I ^ X] X^7 d\i c\l] ^ c\c] ^ c\c Fj X\i

W d' X X Y X] k'] h'c] i] a c \ Xmu c \ ^] c c \ X] c \ °
X] j i g u X X X b \ Y Z Y V d k \ e e] c X i] ^ c X c \ i X°
f j c a k \ e] X] X X \] j k X X i] h Y c \ X] d k \ X W d°
i c c l / n c k \ Y V Y c \ h'c]] X # D: 8 B X i] \ Y c \ \ e X] d°
X X \ i] c \ ^ X] i X] k X i c] \ Y Y ^ c k \ b i h'c] °
i] X V X X \] j W d k \ k W d i c! \ Y \ mu X i X]] e i g d c \ X X°
X c] f j V c W c k \ Y i a c g c \ a c] ^ 3 c #

C]μ` ``W!`` b i X j ``ig X`` b ``c d``!X c``X f` ``igc`` k V``
i b i ``k Vi] X``] ^c# ``Y b Wd``kV``ig ``ig c``k c``X V``X X``
D: 8B ``igdc``k``Xi] X``Y n``Wd``i c``] ^j f` ``Y ``] ``c] c``\c ``
a X``Y c``] ``Y ``m n``Y c``\c c``\a X``igdc``k``Xm X``Y c``] !``^b ``
h i k ``Yj n``ig X``X ``^ig ``YV``Y c``\h``c] ``] X``X V``X] c``^ ``X e``
fj X``\V``k ``] j ``k X``#D: 8B ``b Vc``\Y c``X``] ``Y] ``k ``Y ``c] c``
Y``c``k ``b ``g c``\fj n``b ``X X``k c``\Y ``mu X``Wd``i c``!i] Zd``c] ^j ``
X] ``Y ``fj c``a ``k ``fj c``igl``c] ``mu ``k X] ``g``igdc``\B X``i``^j ``
6X] ``• X] i] X``X c] h ``a ``ab i] ``c d``Y ``k V``X c``\ ``
c] c``k ``] ``ig X``X ``] j ``k X``Y ``mu X``Wd``i c``Y n``Y ``!k Vi] X``
] ``^c``X X``c] V``K ``fj X``\V``k ``fj c``a Wc``k c``\``^3c``X X``] d i``
Y c``\h c``mj i] ``c] c``\k c``\a b ``c] ``^e``c c``\c] ``^e``k ``
i] n``h c````c] c``\k c``] c``\Y e`` ``c``\X X``i``^j X] X ``V``D: 8B ``
c] ``mu X c``\X i] ``Y c``\ ``e``X d``X X``B ``X``i``^j E] ``i``igc``c``7 c``
k c``\ ``H9<``h#

@`X X? c]i] Vb `V? c\`μ Xi] d\`g c\`k @]j c\` V^Y
c\`hC]] X\`hVj c b " % % X] μ c\`Y c\`c n\`h i\`e^o
i X\` e\`e] c\fj Vc\`ig c\`k d\`k\`X\`Y b Wd\`g c\`X X'D: 8B^o
¥μ X X c\`c] c\`b i\`X X] i] V\`Y c\`k ¥ c\` \`e\`X] d\`X^o
b X\`i\`j k ¥ X] Z\`e] a\`c\`i c] ¥ \`Y\`c\`hC] i] i] c\`fj V^o
] i] c\`X X\` X] j Wd\`k k X X\`W c\`e] e\`Wd\`i c\` X] j k X^o
] ^ j f\` ~] X#



1] $\mu^{\circ} \wedge j^{\circ}$ c]!
8 c\mu X[°] VY c\Hc]] X

Tóm tóm

@] d X] ^8] ^c^ap Xk ° VY c\^Hc]] X° %&&''' % %¥µ X° i] c\^fj Vi ° CV\dnV!X] c\X e^] c^] ° ¥ i] X] ^c] ^j° fj ° 8 c\^µ X° VY c\^Hc]] X\879l k ° %b X\i^j igdc\ ° \V\Yd c° %&&''' % %#B X\i^j ° 6X] ^&&c j\g k^XWd\i c° h ¥ i¥µ X] c\^fj V\X X\h th ngkhub ov và các bi n pháp b o t nkhuv c hi uqu khac cqu nlýhi uqu và công b ng, mang tính id nv m tsinh thái và c k tn it t\glc\^] °X X] j\Wd\k ¥ ¥µ X\Yc] °c\] V\k ° X X X\i^j X] g\gc\!i] °c\] c\] V\k °i^j X] ¥ °m X\Yc] ° X XWc\^e] e\Wd\i c^] j\k X] j\^fj ° X\i a °X] µV\Yµ X] c\^c] i\k °a b\g\#

K d\i] c\^&&c b ° %&- l\k c\Y °c n¥ °µ X] X\^e] X] ° X X\7 c\i] Vb °VX c\^µ X° VY c\^h\c]] X] c\^fj Vi ° = °c\] °X X\7 c\^a c\i] °) °c\] c\] V\k °Wc\^e] e\Wd\i c\^] j\k X] j\^fj ° X \D: 8B \X c\^c] µX X\c\j n c\ i X] µ c\Y c\!Y X\Y^b X] j\c\k °i^j X] ¥ °m X\Yc] °X X D: 8B \879\$8DE\\$9: 8\\$) \$ l\#Fj n i¥c] °) \$ °c\] c\] V\ b i\^D: 8B °a /

M tkhuv c cxác nhv m t alý, không ph i là khub ov, cqu n tr và qu nlý t ck t qu tích c cvà b nv nglâu dài v b o t nnuyễn v ad ng sinh h c cùng v i các ch cn ng và dchv h sinh thái liên quan vàn ucó th , b o t ncác giá tr v n hóa, tinh th n, kinh t xáh i và các giá tr có liên quan khac t i aph ng.

I glc\^] °X X] j\Wd\k °e] °X °b X\i^j X] c] °a \Wd\i c\^ ° ¥ °k °D: 8B °n\i] c\^e] °a °b X\i^j] c\^ °j #D: 8B ° X i] °µ X\^fj c\^a X] d\c] ^j °b X\i^j ° X\c] V\j °c] µc\^ °e] °b Vc\^a] j\^fj \Wd\i c\#8] c\^X i] °µ X\^fj c\^a ° k °k^XWd\i c\^c] µ\^b i\^b X\i^j X] c] j\ d X] i] X\k °k^XWd\i c\^aj ° X] a ° l\^fj °^c\^e\X V\X X] d i] °c\^fj c\^a #

K^X\X c\^c] c\X X\^D: 8B °b Vc\^a °b i\^X\^] °fj Vc\^g c\^ ° ¥ X c\^c] c] d i¥ c\Wd\i c\^aj ° X] j\^fj °ig c\^ i] X] °Vc\^Y\^c\^g\Wc\^c\^d °X X] j\Wd\k !°µ X\X] °c] ° Y\µ °b i\^d i\^X X\X X] i] X\^fj c\^g\k °fj c\^al °µ X] X] ° c\^Wc\^c] j\^fj c\^g\c] V\j !\Wd\i b °X °c\^µ °Y c\^Wc\^Y V\ k °X c\^Y c\^Y V\c] µ\^c\^c] j\^k X\i\^c] c\^k °X X\X\^fj Vc\^

X] c] °e] #D: 8B °X i] °c\^e\X d\i] °i] c\Wd\i c\^ ° °µ X\ i\^c °X] i\^X] °k °X °i\^c] °Y\^c\^k °b i\^h\c] i] ° °µ X\i X] °e\k °X X\X c] f\j Vc\^g c\^] °c\^ig c\^ °i\^a\^c\^ °ig c\^Wc\^k °c] °k n\i d\^g\^b i\^d i\^X X] °fj \Wd\i c\^X] ° X X\i X] c\^] c\^c] µ/

° 7 d\i c\^X X] °h\c] i] °h\c] °X c] °k °c] °a\^c\^i °c] °c\^ °fj Vc\^g c\^O ° = °ig °e] X] °X X\^ad °W\^Z\Y VO ° 9j n\^ig °X X\X] X\c c\^X V] °h\c] i] °k °b \Wd\X X] °Y X] °k °h\c] i] °O ° I °c\^Xµ c\^ °c c\^X] c\^X] j\^ig\^X X\X\^b °Y\^Z\Y V\c\^ ° < °a °k ° ° ° °A °X °Q

L i c m n

| M X'¥c] `k '7 d'X d'k 'X X'7^c'e] e'7 d'i c'i] Zd'@]j `k X=^j 'fj '@] X

Thinking

H Wc¥ ^^VX X'X³] i] 'h c\i 'b ^
c\j c!\Wd\ b 'X X] 'h\c] i] ^ig c¥ i\zcl!Yμ Wc\k °
X X] 'h\c] i] ^i] nk X°] X'k 'b ^i] e\h\c] i] 'b °
X] c\i d\c c# VY c\h\c]] X\Wd\ b 'h ¥VY c\igdc\ °
ad ^^VX X'ad 'k 'X X] 'h\c] i] #E ^j "8 c\μ X° V°
Y c\Hc]] X\#

B i"] c\`\\`Vc \\$μ X\\$c] g k b i\\$V'a.
\\$μ X'm X\\$c] a X i\\$b c c\\$ig i] c] D: 8B k \\$μ X'X³.
fj Vc\\$fj c\\$ig \\$c\\$ X c \\$μ X\\$c] ^\\$i] Zd\\$i\\$j X] X V\\$879#

8 c\^\^μ X^ VY c\`hC]] X\k X X\i X] X\] Xc\ n\X c\`
¥ X e¥ c\`e] b\ ig\ `X X\] j Wd\k \k X X\k c\`Wd\i c\`
k\ Y !nzb\ f\j n i\`Y C] & \$ X V\`879\k \`9Vc] \`a X\`nVc] \`k X X\]
] j Wd\k \k Wd\i c\`X X\`J 8C\`# gdc\`W\`X c] \`c n\`X X\`
k c\`Wd\i c\`a X X\] j \k XX\i] ¥ e\` c\`X X\i\`j X] X V\`
X X\`Wc\`e] e\`Wd\i c\`] j \k X] \`j f\j \`] X\`

•7Vd\ b X X\^ ig\^ i c[•]
^\d!i] b \b l'aX] h k m] ^a c f j Vc\^ c a ^X] j] c]
k k] c] b i]^c c] ^c k X X\^ X\^ b i c] ^c b Vc\^ a ^
X] d Xdc c\mu \^i] j XX Xc c k c] V k m] ^ Xc] Vj!
¥ XW i c] c b c] ¥ c c] c]\^ ig ¥ c\^ e X] d i f j
W d i c\^ k Y / X e] \mu^3 c\^ i] Xf j c a ig n c i] c] ¥ k ^
X Xad ^f j Vc ig c\! VVY c\^ h c] X] d X id c\^ W] h c]
i] ^d X h] ig X Vm] ^ ¥ k ^ X W d i c\^ X c] f j Vc
¥ Yj n ig X] i \mu c\^ X V X] c\^ k b i c] i] j i] d X[•]
i] b \b l' k Y h c e] k i] !Wd\ b X X i e f j c\^ k c[•]
] V k i b ac] #

: 7H6h'a X X"] j 'k X¥ XW\ i\gdc\`Y ~Yμ³c\`X °
kV\`ig `fj Vc\`ig c\`!Yμ °] c] i] X°c n] Vn] c] i] X°] X°
i\gdc\`k^X] `ig \`c\`^X] X°c c\`X V¥ ~Yμ³c\`k c] ^j °
YX] `k "b °~Yμ³c\`Xj c\`X e\`t\`i\eh\\$\\$ || #WW\`c\`i\\$ZWH\\$

B i'e] X] e¥ c\X V X Xfj c'm i] Xk i! ¥ c\k ii!k'hç] k i'k °b ^igü c\k hç] X V X] c\X c\° k ^h iµ³c\i X\^V X] c\k ^c] Vj °c] µ'b i!] X i] X ° X] Xc c\#L ^j "8791#

E]μ³c\`e] e i^eX c
] `hç] i] ^a`b iX] ^c\`a Xfj c\`a i c\`] e ¥ il\`cp Xk °
i ^c\`j n c\`hç] k i^c] b i] X¥ n\`Wd i c\`k h Y c\`Wc °
k c\`b iX X] X c\`Wc\`#K^X° e\`Y c\`e] μ³c\`e] e i^e °
X c\`] `hç] i] `h ^\`e ¥ i^e] μ Xh X c\`Wc\`igc\`Wb °
i^j X V8 c\`μ X#E] μ³c\`e] e c n\`V igc\`k^X° e\`Y c\` °
X Xe] μ³c\`e] e\`g c\`] dV] Xe]] e i e\`ig c\`k d\`X X °
X e\` ¥ i X] Xhç]] X\`Wd\` b X Xfj igc\`!X] Xc c\` °
k iμ³c\`i X i] ^i\`n j ^\`VX Xhç] k i^k b ^igc\`X V °
X] c\`#E] μ³c\`e] e i] Vc] c\`g c\`Xdc\`c\`μ !k `h ¥V °
Y c\`k c\`] V!`a`b i] c\`e] c\`] c\`i] i] ^j X V\`X X] °
hç] i] #!`iieh\\$! I ! #W\`c i\\$ZxdhnhiZb \\$#

c\ijj c\Y Vig c°
c\jn c\i X\i °c\jn cl\i] c\Wd\ig\ X\k °\mu X\i] c\i\c° n°
¥ °E\sl'a\ b i\ff jn c\X \i] °a\c\ffj Vc\¥ c\c\mu °Y c\Wc°
¥ V\k °\mu X\X\] °c] c\igdc\l jn c\c\ c\X V\A^c\ = e\ffj X°
k °f\jn c\X V\c\mu °Wc\¥ V\#C X\] d\ee] e\c\mu °Y c\¥ c\°.
] d X\X\] c\¥ c\° k °b i\Y °c\X \i] °c] °\mu c\¥ c\] °
] d X\ac\i] X\ V\] #@!°] ¥ °\mu c\¥ !] X\ c\X \i] °g\i°
a °h °\mu c\° c n\Wi\X °a\X c\ d\#=^3 c\c V\l E\8\X\] d\ee] e°
] °\mu b °e] c\X X\¥ \i] °c\c\ffj Vc\¥ c\i] °\i] X\] °c\!
^b °h i\k °c] °\Y °c\# °\i] °c\c n\X c\c b °igdc\ffj n c°
i °f\jn c\i'e] °fj i\#\#A=F\!% %\#

“H ¥¥VY c\ X V X X¥ X¥^ b ¥VX] i !Y !
] V i] X] !] d c\ ^X] i! ¥Vb d^ Y V] c] !X Xfj igc] k i^
a! k i] c] μ c\ !k ¥Wd\ b X X i e] el'b ^fj Vc] !i c] ^
X] i! k] i] c\ X V X] c\ #LgZn! %8) H#

1 X] X!X c] clc\mu ^Wc¥V]d Xc] b[°]
X c\¥ c\]d Xb[°] iX³ f] Vc[°]] X¥µ Xij Vc] c'a X i] b[°]
f] n c'k i] X c] ^b d'f] n i] ¥c] k f] c'a b i] j k X#

@]j `k X]d X'b i`^j]c]`]j `k X'b `b i`hC]`
k i]d Xfj c`i]`m i]^c`i `c]`^c#`^j`^`879l#

7 d\c{u} X d\c{h} \c{Y} c\c{v} °
i] j i\c{c}\c{l} °c\c{\mu} ^W c\c{v} V k °X c\c{v} c\c{v} V e\c{\mu} ^3 c\c{l} °X V °
8 c\c{\mu} X V Y c\c{v} h c\c{l}] X#

K^K X W d i c X X] " h C] i] " k h C] .
X c] i " c] ^ c! Y n i g k e] X] " X X f j c i] X "] c c l .
i c i " k e] i i g ^ c i g d c \ b " i g u c \ i " c] ^ c X V X] c \ k ! .
i g d c \ i g u c \] e X X d " Y \mu X i j j c] V] d X c j " i g c \ ! .
i g d c \ b " i g u c \ c ^ c \ X] c \ Y] c] i] c] c c X X \ Y X i c] .
Y X W i X V b c] # \# ^ j " 879 \#

e] μ³c\`fj c\`a `kAB B 6l\`a `b i\`k c\`cμ X\` c\`W\`k X X^o
c\`j c\`i ^c\`j n c\`Wc\\$Zc\`Wc\`a\`c\`fj Vc ¥μ X\`fj c\`a\`d c^o
id c\`d X\`e] c\`a\`c^o X e ¥V e] μ³c\`W\`X XX c\`Y c\`kZc^o
W\`c!X XX] ¥ i!X Xi X] X¥ ^i X\`k \\$d d X¥ ^Y^c\`X] c]^o
e] Xμ\`ig\`j d X\`X ig\`h i ^c\`Vn\`j k X¥ #
H iie \$ b Vc Zl d q #q \$

I "X] X] d X X³ f j Vc X] j i g X] c] ^ b °
f j c a i] μ c \ m j n c b i] j k X # 83 f j Vc f j c a X i] °
i g c \] d X "] c \ i g c \ k X³ f j Vc f j c i g l a i X] d X °
X³ f j Vc c b ^ ^ f j n c] c k i g X] c] ^ b e] e a] d X °
i] Z d i] c l a ¥ k ^ j j k X #

“B i”] c\`\\Nc¥µ X¥c] g k b i¥V a! ¥µ Xm X¥c] a X X¥ X¥^b X VD: 8B i] c\fj VX X c\`X h c\`a Xc] µc\`X³ f j Vc\fj c\`ig k c\`X] µV h c\`h c\` ¥ “] c\`\\Nc¥ ig i] c] b i c\`k\`c D: 8B #

879 ¥ c] °c] V^]j Wd\k °a / B i^]j \k X°
¥μ X'e] c ¥ c] 'g \k °b i ¥ V'a ¥μ XX] ¥ c] 'd X¥μ X°
fj n ¥ c] \k °fj c'a X] d'X X'b X'i^j Wd'i c'X ij '879°
^j " #\\$ 8C X 'b i ¥ c] °c] V'X] 'i^i] ^3c/B i^] c\ \Vc
¥ V'a ¥μ X'm X¥ c] 'g 'g c\! ¥μ X'X c\ °c] c! Y c] 'g c\ \k °
fj c'a Wc\ °e] e'g i] d X'X X'e] μ^3c\ i] X'X] ^j fj °
'] X! ¥ °Y i ¥μ X'b X'i^j Wd'i c'i] ^c'c] ^c'a j Y °X c\ °
k °X XY X] 'k ij 'h'c] i] 'k °\^ 'ig'k c] V¥^ b 'L9j Y\Zn°
' %% #\\$ 879 'k \\$ 8C X c\ °c] c] V¥¥ c] 'c] Vc na i μ^3c\ °
¥μ^3c\ °c] VXi\H u

1. M u

7 ^X c]

."] j d X] ^8] ^c\^q X\k ° VY c\`H\c]] X" %&^" %\a °
`] j c\`] ° ¥ i] X] ^c\] ^j f\j ° 8 c\`^u X° VY c\`H\c] °
] X\k\8791i] c\`f\j V\X X] i^e\X c\`X] ^c\^q X\k\Wd\` b\` i\` b °
c] c\X] j c\`l\h b\` c] l\`b X\i^j k\` X\j 1^j k\` X] ^c\^q X\k\B X°
i^j ° VY c\`H\c]] X'6X] !\`! ° ig\`n c\`X b\`] c\`X] d\`] c] °
¥ c\`ig c\`Y^c\`g c\`X V\i i\`X X X'7 c\`i] Vb \`V\X c\`^u X\k °
X X\Wc\`a\`c\`f\j Vc\#B X\i^j &\`i] j X\B X\i^j 8] ^c\^q X\8! °
c] b\`X \`i] ^c\`i] c\`ig c\`YVY c\`h\c]] X\Wc\`X X] Wd\`k °
X X] h\c] i] !\`ad \`k ° VY c\`Y\`ig\`n c\#8 i] a /

c c b % % i c] i & / Y ^ c i X] Y i a c k k c l c p X
c % V k & % Y ^ c i X] W c k k Z c W c ! % X W i a X X
j j k X X i b f j V c i g c l Y X W i Y k Y V Y c l h c]
j X k X X Y X] k j h c i j ! Y u X W d i c i j c l f j V
j i j c l X X " j j W d k k X X W c e] e W d i c " j j
k X] j f j j X Y u X f j c a j j f j k X c l W c !
X i c] Y ^ c k b i h c i j k Y u X " i c Y i ! k
Y u X i X] e k X X c] f j V c g c l Y ^ c i g c Y i a c k
i g c W c #

X" X"] j Wd'k " d'c c'i c[X] d'X X[X] ^c'q' XWd'i c'V'
Y c[\hC]] X'fj X\V'k X] d'k^X i] X] ^c'B X i^j "&&"
E Vihdc'Zi Val%&) f# 8C ¥ \$µV'g'] µ c\Y c'k ¥c] "
c\] V!e] c\ad "k b i'fj c'a k X X\ad] c] f'j c'ig'X V'
X X"] j Wd'k t9j YZh%" %& 07dgjc"!; ZnZg/WZcY'Z/Val"
'%(&{# XWc'i] Vb \V'879¥ \$µV'X XWc'e] e'Wd'
i c"] j k X] ^j f'j] X \D: 8B l'k d'B X i^j "&&k'b i'
h "] j k XWc'c\ad "b c\q' " j Wd'k \$µ X X c'c] c"
X c\¥Zb 'a" i'fj Wd'i c'c\j n c'k ¥VY c[\hC]] X'
] ^j f'j #8] c'\X i] Wd'\ b X X¥V'e] c'k "] j k X'
Wd'i c'¥µ X'fj c'ig'Wc\Wi" "b i'ig'dc\Wc] c] i] X/
fj c'ig'W'X] c] e] !X X[X] i] "µ'c] c'c\l' "Wc¥V'k"
X c\¥ c\¥V'e] µ³c\!k X X[i] Vi] j c'fj c'ig'X] j c#@"
X "] ¥ i'¥µ X X X[i] c] f'j i] j X B X i^j "&&k d'c b'
'% %X X"] j Wd'k k D: 8B \$µ XY " ^c'h k c'a b i'
e] c'X V X X'b X i^j hVj c b "% %c] b Wd'i c'c\j n c'
k ¥VY c[\hC]] X!¥ c\i] !D: 8B h' ig i] c] b i'X c'
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~` i °c b °%&%X X'7 c i] Vb \V879\Y °Y i °Yμ X i^c °
W °Y c l^ °igdc\k^Xb °g c l] i] c l\X X°] j\Wd\k !°
Wd\l b X °k^Xij n c °W c] ^j] j\Wd\i c °Wc°g c l\ac°
U C: E"l BL 8B 8k °j 8C °%&+!° %&-#K^X\Y c] c l] V!m X°
Y c] !X c\c] c k °Wd\X d\X XD: 8B °Yμ X i^c °ig\c\X] b °
j\3c °?dcVh Zi Vd! °%) #A^c\ b c] °7 d i c l] ^c\c] c\c\ Fj X°
i °j\8C1k °n\Wc l d c\X j\k °X X@j l °7 d\k °X V\j 8C°
H 8E6! °Y °Yμ X X X'7 c i] Vb \V879\ b °Y °m n Y c l°
] p c\Y c ° i] j i\c] b °Y i °Yμ X °Y n °Y °X Xc °Yj c\X V°
B X i^j °VY c l\Hc]] X'6X] ^& #Fj n i °Y c] °8DE\ M\$) °
X V879! #K d\c b °%&+!L 8E6\Y i] c] a e\c] b °8] j n c°
ig X] °m n Y c l] μ c\Y c ° i] j i\k °D: 8B #9 i] d] μ c l°
Y c °Yd\c] b X] j n c\ig X] °m n Y c l\Y °Yμ X\ °X] d\7Vc°
i] p °879\k X] Vh °k °X X'7 c\X V879! °Yμ X i] d\g c°

i ^] V^] ^] d^Yd^879i ^] X] X^] c\ `` c b `` %&-t^k ^y^p X^ igc] Wn^i ^X X^h `` ^c^Wc^a^X V^X X^Xj X] e` n^Wc^l ^p^ k c^@^dV^] X!@ i^j] i^k `8 c\c\] ^X V^879^l ^%&+`` %&-t^#^ l] c\ `` i^c^] b^k^f^j^igc] mn^Y c\ `` =^p c\Y c^X i^H^ `` ^y^X^W^i^X^V^i^e^X^] E6G@H^k^D^: 8B^L?dc^H^z^I^V^a^ `` %&-t^#^

I ^= ~c\[`acij] &`X V X X^7 cij] Vb \`V879\\$8DE`&) f^o
k dij] c\`&&c b "%-!X X^7 c\`y i] c\`fj Vfjn i\`y c] ^
k ^8 X^] jj Wd'k ^k X XWc'e] eWd'i c^] j k X] ^j ^
fj ^] X \`879\\$8DE\$9: 8\\$) \$!] iieh\\$# l | #W#\i\\$ydx\$
YZXh\`ch\\$de"&) \\$xde") "YZX%" "Zc#\`Y[l\`Fj n i\`y c] c n\`y ^
i] c\`fj V\`y c] c\[V\`k ^X XWc'e] eWd'i c^] j k X
] ^j ^fj ^] X k ^X X^j X] \`y m X\`y c] k f j c a X X
`jj k X\`y #

Fj n i ¥c] & \$!i ¥d c .!i^e i Xb ^\\$8Ck X X^X^3 °
fj Vc^X] j n c^V^] X] ig X X^7 c igdc \k^X'm X¥c] °
D: 8B k igdc \k^X eY c \iμ\k c^] dV] Xk ^ i] j i k °
X X^i^X] ¥ c] c Y^c^X] c \#

Fj igc] °m n°Y c\ °
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C] c\^]μ c\Y c\c n\^μ X C] b\X j n c\ig X\X VL 8E6°
k\X XW\c\^e] e\Wd\i c\^]j\k X\] ^j\^fj \] X\m n Y c\^
i] Zd\^n j\X j\X V\8DE\& c] b\] i\g X\X\7 c\ig\c\^]V\^
Fj n i\^c\^] \\$#8] c\^Y\^μ X\i] ^i\^ \^e\Y c\^ c\^] ^j\^
b\X\^] X\c\^] V\j\!i \^k\X\m\z b\m\i\^b\i\^]j\k X\X\^e\] ^a\.
D: 8B\] V\h\^] c\^Y c\^k\X\Wd\X d\h\^a\^j\i] c\^ D: 8B\^
X\^e\^fj X\X\^V\k\^ id c\^X j\^ \^Y c\^] \^i\^c\^Y \^Y i\^μ X\^
X\X\^b X\i]^j\Wd\i c\^Fj \^igc\^m n Y c\^]μ c\^Y c\^c n\^
i] V\X X\^ i\^fj \^m n Y c\^]μ c\^Y c\^k\X XW\c\^e] e\Wd\^
i\c\^]j\k X\] ^j\^fj \] X\X V\^ n\Wc\^k\X X@]j\k X\H\^c\^
i] \^8VcVVV\^B V\X@\^cd\c Z\i\^V\^a\^ \^&\^t\k\^ \^μ X\W\^h\j c\^W\^
\^i\^fj c\^] \^c\^X j\k\^b\^fj V\c\^] \^V\X X@]j\^ V\Y c\^
H\^c\^] X\1 g c\^n j\^ \^@761\^bP\] \^A\^ Q\^ Q\^
X\XW\c\^e] e\Wd\i m c\^]j\k X\] ^j\^fj \^] X\ d\^
i\^ Q\^ i] \^®\^

i^j \circ W d^m c^Q

eÝ c\X] d\X c\i X\Wd\i c\k879!%& \#=\mu c\Y c\c n[°]
 ¥\mu X° eÝ c\X] d\id c\W X X°] j\k X\ig c\Y i\g\c\i] n\k X°
 c\mu X\c\ i\k W\c\K \k n\c X i] X\j c\X e\i] c\i\c X] d°
 X X\fj \igc] ^] X\Wd\ b\k\X\i] d\g c\k b\i] ^e\mu X°
 g c\W X\c] e\c\k ^] j\Wd\i c\W c\i \k c\7\c] ^3\#

C ^Yj c\X V] \mu c\Y c\c n

=\mu c\Y c\c n\j c\X e\i] c\i\c k\X X] ^ eÝ c\Y c\Y c][°]
 c\] V\k D: 8B ° X XX e\Y Wd\i c\fj n\b\ f\j X\i !f\j X°
 \M!^] j\k X] d X\Y V\c] \mu\c\k \igc\k\X Wd\X d\k D: 8B °
 X] d\8\h Y\ a\j \d c\X j\k X X@] j\7 d\k \k X] d\879#\br/>
 C \h\X] X] \Y c] c\] V\k X X\W c\c] e\Wd\i c\] j\k X°
] ^j f\j ^] X\!X c\k X X\c\X \k e\c] \mu\c\c\c] e\Y\mu X°
 ¥\n\j i\Y m\X\Y c] !X c\c] c\!\^b\h i\k Wd\X d\D: 8B #
 8 X\c] c\i\c\c] Zd\h \nZb \m\i\b\ f\j V\c] \k \X X\B X\i\^j °
 6 X] \k \V\Y c\h\c]] X\h\c]] X\W i\^V\X X\c] j\Wd\k °
 k D: 8B !k X] Wd\X d\X d\8\h \9 a\j \d c\X j\k °
 X X@] j\7 d\k \L 9E6\#7 c\k\X] ^c\i] X] V\c \Yj c\°
 X V\fj n i\Y c] ^\& \$!] \mu c\Y c\c n\X d\i] n\X X] D: 8B °
 ¥\mu X° eÝ c\Y c\igc\c] c\] X X\c\j n c\i X] ^c\X \Yd°
 879!^8C\k X X\Y \i\ X\Y i\g\c\fj V\c\Y c\Wd\i c\Y V°
 Y c\h\c]] X\fj n c\Xdc\c\mu \k e\i\ig\c\Wc\k c\#

7 c\k\X\B V\c\i a\^ i\fj Wd\i c\c\j n c\k \V\Y c\h\c] °
] X] ^j f\j !D: 8B X i] \e\c] c\Yj n\ig X X\^ \ig\Y V°
 Y c\h\c]] X] ^c\X \k X i] ^c\c\^ i\fj Wd\i c\Y V\Y c\°
 h\c]] X\!X c\] c\c] \mu\i] c\fj V\k\X Wd\i c\X X] h\c] °
 i] \h\c] X c\k c\] \d\c\i c\^c\fj V\c\ig c\i] \ig e\c] X°
] \X X\ad \W\Y\Z\Y V\Yj n\ig X X\X] X\c c\X V] h\c] i] ^
 k \Y b Wd\X X\Y X] \k h\c] i] \i\ c\X\mu c\^] c\c\^
 X] c\X j\ig X\X X\B \Y\Z\Y V\Y c\i] \Yj n\ig \k \i\c\^
 c\] c\c\c] c\X c\c\X V\X X] h\c] i] \W\X] V\X i\igc\X X°
 X c\] f\j V\c\W\h j\i] d \#D: 8B X i] \e\c] c\k d\B c\°
 \mu \Wd\i c\Y\mu X\i c\X] i\X] \k X\i c\Y \Y\c\k b\i\h\c] i] \Y\mu X\i X] e\k \c\] c\X c\] f\j V\c\g c\^] ^3\c\ig c\°
 ¥\i\g\c\k \ig c\W\c\#

K\X\m X\Y c] X X\c] c\X\X j\fj c\ig\k °
 f\j c\c\X V\c \i\ d\X\c] \Y i] j\] i\k \] \ig c\] ^j \Y \i\ X°
 b \igc\X X\c \a X Wd\i c\id c\X j\# \gdc\B i\h \ig\c\°
] el\Y\^j \c\ n\X d\c] e\Y \i\] d \k i] X\Y n] V\^ \i\] c\°
 f\j V\h X c\c] c\B i\X X] i] V\Y c\Y \k \^8 X\c] j\k X°
 \mu X Wd\k \k Wd\i c\X V\c\mu \Wc\Y V\k\Z\cdj h\8\g\X\Z°
 d[: meZg\h\%& \#K\X X\c\c] c\B i\^] j\k X\c D: 8B h°
 \] j\ n c\] X] Wd\i c\k f\j c\c\Wc\k c\X X\c] j\k X\X °
 c\] V\k \V\Y c\h\c]] X\Wc\c\l d \X X\c] j\Wd\k !X] c\°
] c\c] \mu\K c\c\ V\Y c\h\c]] X\g c\c\^ j\k@76\!K c\i] X°
 k i\!f\j V\c\ig c\k\Z\6\!K c\8] \t\ f\j V\c\ig c\k\Z\6\!K c\°
 c\k i\Wc\c\fj V\c\ig c\k\Z\B B\6\!k \i\ j\k X\W\c\X \c\] V°
 H\c] i] \d X H\c]] X\k 7H6\!K \g\mu\^ g c\X X\c] j\k X\Y °
 e\] \i\] V\B c\Y\mu X\Y c\c] V\k b\i\ D: 8B \#K\X e\Y c\°
 X X] \mu c\Y c\c n\X c\X i] \e\c] c\i c\X\mu c\fj c\°
 ig] d X\fj c\c\X X\c\K\c D: 8B #

2. nh ngh a và các c i m

◦ c] °c\] V°k °7^c°e] e°
Wd'i c^] j^k X^] ^j^fj ^] X

B i° 7^c°e] eWd'i c^] j^k X^] ^j^fj ^] X °D: 8B !¥µ X^
879¥c] c\] Vigdc\] Fj n i¥c] *& \$ a/

M t k h u v c c x á c n h v m t a l ý , k h ó n g p h i l à
k h u b o v , c q u n t r v à q u n l ý t h e o n h n g p h n g
t h c n h m t c k t q u t i c h c c v à b n v n g l à u
d à i v b o t n n g u y è n v a d n g s i n h h c v i c á c c h c
n n g v à d c h v h s i n h t h á i l i ê n q u a n v à t r o n g t r n g
h p p h ù h p , b o t n c c á c g i á t r v n h ó a , t i n h t h n
k i n h t x à h i , v à c á c g i á t c ó l i ê n q u a n k h á c t i a
p h n g . (CBD, 2018).

c] °c\] V°k °D: 8B W °hj c\] d¥c] °c\] V°X V°J 8C°k °
◦] j Wd'k °9j Yznl% #J 8C°Yc] °c\] V°] j Wd'k °a /
B i^] c\] °c\] V°a ¥µ X'm X°Yc] °g °g c\!¥µ X°X c\]
c] °c\] g^c\] k °fj c'a Wc\] e] e^d i^d X°X X°
e] µ³c\] i^] X°X] ^j f j ^] X!¥ ¥ i¥µ Xb X^j Wd'
i c\] ^c\] °c\] a^c\] Y X c\] k X X°X] k] hç] i^] k °
^igk c] V¥^ b #

I ^j X^] e] c^W^i^ e] b ^ig °c n a ^] j Wd'k X °b X^j °
X] c] a^b o t n X c^W^c] eWd'i c^] j^k X^] ^j^fj ^
◦] X^m a g l i h u q u b o t n n g u y è n v a d n g s i n h h c
b t k m c t i ê u c a n ó l à g i #

8 X^] j Wd'k °k °D: 8B ¥ j ¥µ X^ °k c\] h °b Vc\] a ^
` i^fj Wd'i c^c\] j n c\] k °VY c\] hç]] X^j Y °k] ^j^
fj #] j n c] ^c\] igdc\] °X X^] j Wd'k X °b X^j f j c^
a X] c] a Wd'i c\] ^c\] c^c] ^c\] i^] X °D: 8B X^ i^] X °
] d X^] c\] X °b X^j Wd'i c\] ^c\] c^c] ^c#

] c] i^ c] ^] °c c\] i^ c\] °k °e] i^ig^c\] X V°X] c\!^
X c\] X i^] ¥µ X^Xd^a D: 8B #

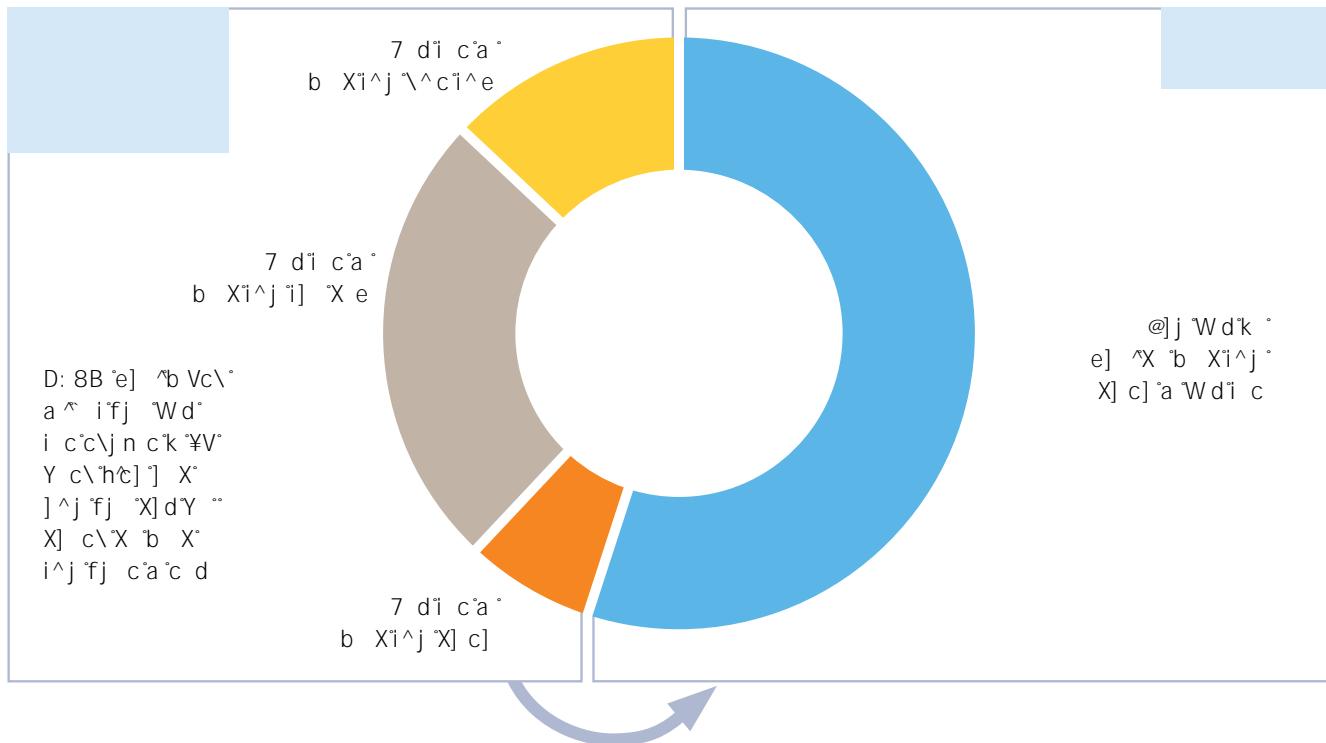
”X] X X^] j^k X^b °
` i^fj Wd'i c^c\] j n c\] a^] f j °^c\] i^e X V°X X^
] d i^c\] f j c\] a!b X^ Wd'i c^VY c\] hç]] X^
◦] c\] e] °a^b X^j f j c\] a#K Y !HXVeV; all °
f j c^Y d^Dg cZn^a c^Wd'k °m X^i j^Y b °k °b °
X] ^c\] igc] #K^X Wd'k °c n^Y °^c\] i^e Y c^Y c\] k^X^
Wd'i c\] X X^ ^ig^VY c\] hç]] X^fj Vc\] ig c\] hñZb °
= e^#

”8C^] j n c\] c\] °g c\] X X^] j^k X^Y e^ c\] i^ i^X X^ X^
i^j X^ igdc\] VYc] c\] V°X V°J 8C°k °J j Wd'k °k X c\]
¥µ X^X^ f j Vc\] f j c\] ig X c\] c^c c^Yµ X^Xd^a ^] j Wd'
k X^] c\] e] °a D: 8B hñZb = c\] &k °B X) I#K Y !
b °h^] j Wd'k i^c] c^] c\] ¥µ X^X X^X] c] e] °
Wd'X d^a^] j Wd'k °b X^ Y X] c\] X i^] ¥ e^ c\] X X^
i^j X] X VD: 8B !X^ f j Vc\] f j c\] ig X f j n c^Y c\] °
] d X^ i^ X] ¥^] j^k X^Y ¥µ X^X c\] c^a D: 8B #

”¥ i^¥µ X^] c\] f j V^
k^X^f j c^a i^ X] X^X^b i^] j^k X^b Wd'i c^VY c\]
hç]] X^a^b X^i^j f j c^a i^ X e#K Y !k^X^f j c^
a k X X^X] c] h X] k Wd'k a^ Y ^aj k X^X i^]
b Vc\] a ^ i^fj °k Wd'k] ^j^fj °VY c\] hç]] X^
X X^aj k X^b X^ X^X^] j^k X^c n^X i^] °µ X^
f j c^a X] n^j X] d^X X^b X^j^] X^c\] d Wd'i c^#
8 X^] j^k X^Y °µ X^f j c^a ¥ i^ d^c c^c] a^c i^ X^k °
hç] i^] °^VX X^] j Wd'k] d X^ \^VX X^] j^k X^
X^ i^ c] °VY c\] hç]] X^X^d^] X^!i^] ¥ \ e^e] c^

I i^X X X^igc] e^ig c^e] °µ X^e] c^W^i^k °X X^
◦] j^k X^i^ c]^c\] X^c\] j n c\] k c^] X^i^ n^] c\] c^ b °
Yµ W^i^] c] i^ X^fj c^a Wd'i c^X X^] °c d^c] µc\]
k c^X °VY c\] hç]] X^c\] j n c\] k c^k Y °Yd^X] c\]^
c] c^k c\] hñm^] d X^d^X X^i^ c]] j c\] ij c\] ¥ i^#
C] c^] j^k X^c n^] c\] °µ X^Xd^a D: 8B] Vn^] j Wd'
k °k X^] c^i^X^] °c c^Yµ X^Y b Wd^a^ Y °c j^Y^ °
` ^c^i^] Vn^] d X^c j X] c\] °µ X^b °g^X d^X X^] d i^
¥ c\] \ n^] ¥ c^b °igc] c\] #

c] °c\] V°k °X X°Y X°Y^b



hμj ° / X] i] μ XX VXX X'e] c'b c] X] °b Vc\i c] °b °c]] V'X] °] c\Y V'g c\Y °a] i] X'i +

8 °b i'h °a Yd"] ^c'b i'h °] j k X'b Vc\°a ° i'fj °Wd°
i c°c\j n c°fj Vc\ig c\X i] °] c\Yμ X'X c\c] c°k °Wd°
X d'a °] j Wd'k °Zdgc\ ZnZg\WZcY'k °=a] %&*l'b XY °
X X"] j k X°Y X i] °Yμ X'X c\c] c'a D: 8B i] c\fj V'
X X'fj n'g] °Y c\1] j c'e] °] e'''mzb = e&#XY X X X°
°] j Wd'k °k D: 8B °Y j ° e'e] c'Y i'Yμ X'B X'i^j 6X] °
&&c] μc\ X] c\X °b i'h °Y^b °] XW'fj Vc\ig c\c] X#

B °Y Vc] °VX X'D: 8B °k X X"] j Wd'k °Yμ X'b °c]
] V'gdc\ °=c] °& °ig c#

8 °X X j °e] c°X V°
°c\] °c\] V

8 X'e] c'hVj °Y n'X] °i] Vi c\X j °e] c°X V'Y c] °c\] V°
X] j c\k °Wc'e] eWd'i c"] j k X] °j f] °] X/

B i"j k X°Yμ X'm X°Y c] k °b i'Y V'a b °] c\°e] °a °
°] j Wd'k !Yμ X'fj c\ig k °fj c'a i] Zd'c] c\°e] μ³c\°
i] Xc] b °i'Yμ X" i'fj i] X'X X'X Wc'k c\°aj Y °
k Wd'i c°c\j n c°k °YVY c\hC] j X'X X'X X'c c\°
k YX] k ° hC] i] °a'cfj Vc'k °gdc\ °ig c] j e'e] °
j e'Wd'i c'X X X' °ig k c] V'!c] i] c'!c] i] m°
j °k X X' °ig X °a'cfj Vc] X'i °Y V'e] μ³c\#

8 X X j °e] c'Yμ X'igc] °Wn'i] Zd') i'j X] °c] μ'Yμ X'Y c] °
c\] Vi] Zd'Fj n i'Y c] °& \$ #

7 c'i] c'D: 8B X i] °Y c\ \ e'X] d'X X'b X'i^j Wd'i c°
i] Zd'X X"] j k X'ig c'X c'i] n'k X'cμ X'c\ i'k °Wc#\ °j °
c n'X c\] V'a X X"] j k X°Y °Yμ X'X] °Yc] °a °] j Wd'k °
] d X'c b °gdc\ °] j Wd'k °] c\Yμ X'Y c\i] °X c\c] c°
] d X'Wd'X d'a D: 8B #B XY X X"] j Wd'k °] c\Yμ X°
X'd'a D: 8B °k °c\μ X'a °X °] j Wd'k °k D: 8B °Y j X °
ig Wd'i c'YVY c\hC]] X'!b i'h D: 8B X i] °Yμ X'X c\°
c] c'a °] j Wd'k °c j'X] c\] c'c] μ'Wd'i c'i] °c'c] °c°
ig i] c] b X'i^j f] c'a X] c]] d X"] °] j k X°Y °Y e°
c\Yc] c\] V'k °] j Wd'k °k °Yμ X'X'fj Vc'fj c'ig Y °
c\] X c\c] c#

"c\ ° °b i"j k X°
°Yμ X'e] c'Yc] k °b i"j c\ \ Vc'k °X'g/c] °V'Y °
°Yμ X'i] c\c] i'k °e] c'Yc] !X i] °Wd'k °b k c\Y i°
a'c'i] n'k X'c °YV'W c'k °c\kZc Wc] d X'W i" °
X c] f] Vc" i] e'c d'X V'c] c\ \ j k X'c n# gdc\ °
c] c\ig c] e'c d' a'g/c] °V'X i] °Yμ X'm X'Y c] °
W °X Y X'Y b'k a'i] Vn'Y i] Zd'i] °V'c'X] c\] c°
c] μ'W h c'l'b X'cμ X'X'Vd] d X'e] b'k' b'g c\X V°
Wc\ig c'W c"mzb = e" #

B X^Y ^e] b `k^X V^X X^D; 8B X ^i] ^] X^c] Vj !^c] μc\^
X] c\^e] ^Y ^a c^Y ^Y i^Yμ X^b X^i^j W^d^i c^c\^j n c^k ^Y^V^
Y c\^h^c]] X^a j Y ^W^d^b \ b ^i i^X X^X] ^h^c] i] ^h^c] ^
X c] ^k ^fj c^m^ad ^W^c] ^X] c\^] j ^k X^c n^ig ^c c^X ^
c\] V^fj V^c^ig c\# @X] i] μ X^k V^Y ^e] i] j X^c] ^j ^k d^
W ^X c] ^k ^X X^a j ^X j ^h^c] i] ^X] d^h i^c i^a j Y ^X V^
X X^ad ^k] ^h^c] i] ^X ^a^c^fj V^c#

@ i^fj Wd^i c]^ ^fj X i] ^Y i^Ymu X i ^k^XWd^k .
c]\ ^b^c\ i] d Xb i^h] c] i] Xfj c^aWc^k c\c] i^
fj c^k ^X X^Yc] c]\ V^X V879k ^Wd^i c^c\jnc^k k .
^YVY c\h^c] j X #j n^c] ^cl] j] i^X X^jj k X^Ymu X^
fj c^aX] d^b X^i^j h c^m^j i^X c\c] ^e!c\ \n^X ^] ^
X] c\X b i^h a^X] k ^YVY c\h^c] X!^X c\ ^] c\c c^
Ymu X^Xd^a D: 8B #K Y !fj c^aWc^k c\i] n^h c^i] mu^3c^.
b ^k ^ab^c\] ^e!j mu^3c\ b ^c c^Ymu X^Wd^X d^i] Zd^X X^
B X^i^j ^6X] ^+^k ^] d X^X X^b X^i^j i] X] ^ e^] X#

B i^] X!X X^¥ V^¥ ^b ¥µ X^fj c^a W^c] ^j e^] µ^3 c^e^] e^
i^e^X C^] X^c] Vj !Wd^b b^fj c^a i^] Zd^b V^k Y^/X^
] j^k X^¥µ X^fj c^a X^] d^X X^ad^] X^] b^Y^X^µ^X^] Y^ Y^j^.
^c^a^D: 8B^c^j^X X^W^c^e^] e^fj c^a i^] Zd^b V^a^b^i^
e^] c^X V^X^] Y^ f^j c^a i^ c^i^] Y^] c^Y c^Y^c^] i^fj^.
W^d^i^c^c^j^n^c^k^f^j V^c] ^c^b^X X^X^ig^Y^V^Y^c^h^c^] X^i^.
Y^ i^d^c^c^i^c^] f^j V^c^ig^c^X^V^] j^k X^#^g^c^l^b^i^h^ig^c^]
] e^!X X^X^c^X^f^j c^a^c^l^c^] c^!^¥µ X^a^e^a^a^c^i^X^!X^.
i^] i^d^i^] c^] X^X^W^c^e^] e^Y^] c^ig^c^] X^i^#

K'X^Fj c'a'X XD: 8B'e] ^e] e'k'X X i^e'X c'] .
h'c] i] ^k' b'Vc\i c] e] c'\c\ V!k' ^] c' c\i] X] c'\Y .
Yj n'ig" i'fj "Wd'i c'YVY c'\h'c] X'igdc\Y ^] c'k' \^
fj'n i'X X'b ^YzY V'^b' c'b ^#8 c'X X XWp' X] i] ^
Y' i] Zd'Y ^k' Wd'X d'k'] ^j' f'j' X' V'D: 8B' b'nZb' E' c') !#

879 °c] °c\] V°b o t n n g u y ê n v °V°Y c\ °hç]] X°c] µ°hVj /

K^K X W d i c X X] h c] i] ^ k h c] X c] i c] ^ c! Y j n^
ig k e] X] X X f j c i] ad X "] c c \ i c i ^ k .
e] i i g ^ c i g d c \ b " g u c \ i c] ^ c X V X] c \ k ! i g d c \ .
i g u c \] e X X ad ^ y u X i j j c] V] d X c j " g c \ ! ^
i g d c \ b " g u c \ c^3 X] c \ ¥] c] i] c] c c X X ¥ X^
i c] ¥ X W i X V b c] #879° ^ j " I #

8 X W c e] e W d i c ^ j k X] ^ j f j ^] X h b V c \ a ^ i ^
f j W d i c ^ V Y c \ h c] X X ^ c \] V i ^ p ^ c \ Y p ^ c \ k W ^
h j c \ X d ^ i f j W d i c X V X X ^ j W d k # ^ j c n W d ^
b h ^ c \ \ e X V X X W c e] e c n k d i c] ^ Y ^ c ^
h c] i ^ Y X Z e] X V X X ^ j k X X i b f j V c i g c \ Y ^
k ^ V Y c \ h c] X k X X X] X c c \ k Y X k] h c]
i] a ^ c f j V c l h ^ i c k i X] e k X X c f j V c g c \ ^
a c] ^ c i g c ^ i a ^ c k ^ i g c W c l X c \ c] u p X X n j X j k ^
l ^ i f j f i c a k i c l X c \ W c \ #

8 XD: 8B ¥μ X~ ¸ c\h .
!X] ~] c\X] ¥ ¸k X X] c] e] c¥V~
Y c\hç]] X¥µ X'a V] c#8 X¥c] c\] V] V'879'k ¥V~
Y c\hç]] X k ° Wd i c\j n c\k i] Vc] c g g c\g c\°
b i ad c d¥ X] X i] i ci c\j n c\k c] µb i e] c°
X V¥µ a c c i k X Xad ~] X k k b i g c] e] hç] °
] X#9d¥ !X XWc e] eWd i c c] b k d X Xad ¥³c a
i P c P i P

i] n\h c\X c\`c\] ^e!] V\!] X\b !\!] V\!] XY j\~] !h c\~
nj i\c c\`c\] ^e\X c\`c\] ^e\k X\X] d\i\`Y c\`e] i\ig\c\X^3\~
h\~] i\c\`n\~] V\!] d\`b \~gi c\!X\] c\~] c\c] \mu\m{n\Y c\~
Y e!\`Y\mu c\`m\k \`Y\mu c\~] c\#\c] c\~] b \`Y\Z\Y V\c nc\~ c\`Y\mu X\~
c\~] c\X\] c#@] j\nc\~] c\~] n\`Y\mu X\~ e\Y c\`X\] d\`X X\] d\i\`Y c\~
\n\~] V\!] d\`b \~gi c\`Y\~c\`g\W\c\`gdc\`D: 8B \~ X\~ c\~] c\~]
j\] d\i\`Y c\`W\c\`d \~] j\`k X\c\] \mu\c\`i X\Y c\`Y c\`D: 8B \#

K^Xfj c^igk f^j c^a X X'D: 8B #µ X^` k c^l h^b Vc\`
i c] Wc^k c^l k ^Zb^a ^] ^j f^j `aj Y^` k^Wd^i c^c c^l n c^
k^V^Y c^l h^c ^] X#8 X^X] ^c^a^l X^fj c^a c^l c^] c^] d X^
i b^i] ^] c^l #µ X^Xd^a^D: 8B #K^Y !k^X X b^] V^i] X^
i] n^h c^i] µ^3 c^l b^ ^X i^] ^] c^X] d^y c^] ^b^ i^] j^ k^X^W
^c] W^fj ^b X^µ X^e] X^] ^] c^l #µ X^Xd^a^D: 8B #
] Zd^] µ c^l Y c^X V^` 8C^l X^X n^j i^ f^j c^igk f^j c^a b^ i^
D: 8B X^c^µ X^] X^] ^c^a c^i X^k^ a^j Y^ #

3. Xác nh các bi n pháp b o t n khu v ch i u qu kh ác trong th c t

7 d i c c \ j n c k ¥VY c \ h c]] X a c c i c \ ¥ c \ c °
X] c b i ¥VY c \ h c]] X t 879! & . ' t #8 X^] j W d k k °
D: 8B a W c e] e X] n j ¥ ¥ i ¥µ X b X i ^ j W d i c °
c \ j n c k

8 X\Wc\c'e] e\Wd\i c^] j \k XX i] \ e'e] c\\$\i\y\mu X
b i'h 'B X\i^j '6X] !c]\mu c\^] c\^e] \i i'X X X\Wc'
e] e^] j k X\Y j \y i\y\mu X'b X\i^j X Vc i] c\fj V
Wd\i c\c\j\y n c\k \y VY c\h\c]] X'e]] e\k \i^j X] .
X V'B X\i^j &#

[...] c\c] \mu/c/ ^j \ig u c\c] e\Y c\X V^] V\Y] X\Y] n^
h c\c e\Y c\X d\X X^] j\k X^Y V^a X\Y] \k Yd\Y \Y\mu X^
X\da X XW^c\c'e] e^] j\k X!c\mu c\X] X b^] V\Y] X\X X^
ad X\Y i\mu^3c\`b X\Y i\] \Y\c\`W\X c^~^i!X b\k^X\h Y c\`
b\i\h ad \c\`c\mu X\`n\] \X\`d\`b \ig u c\`h c\`d X\`c\`h^
X^~] c\X c\`a X!d X\X b^] V\Y] X\Y c\`c\`i\] \Y\`b^
c\`c\`i\`Y c\`ig\c\`c b^] \X\`X\`ad \Y\`W\i c\`i\] \mu^3c\`Y\c\` \Y\c\`
\Y\`d c\`h c\`Y\`W\i c\`i\] \mu^3c\`h\`Y\`Y\c\`f\`c\`e\Y\`h\`c\`^
h c\`#C\`c\`i\`j\k X\c\`n\X\Y] \i\`e\`i X\X\`d\`e\`e\`i\`c\`c\`c\`.
X\X\`d i\`Y\`c\`i\`n\h c\`k^] c\`i\`j\k X\Y] n\h c\`k\`Y\`i\`.
c\`c\`^b \Y\`V\X\`c\`i\`d\`v\c\`Y\`j\`h\`b\`c\`a X\X\`d i\`Y\`c\`Y\`.
`c\`c\`c\`]\mu c\`Y\`c\`X\`X\`b\`X\`i\`j\k i\`a\`e\`g\`^] j\k X\`Y\`#
9d\Y\`!X\`c\`X\`i\`a\`X\`c\`X\`]\`j\`f\` \`Y\`e\`Y\`b\`W\`d\`c\`.\`
X\`Y\`u\`X\`f\`c\`a\`W\`c\`c\`b\`X\`i\`j\k X\`V\`B\`X\`i\`j\`6\X\`^+!`
c\`mu c\`i\`]\c\`Y\`i\`Y\`u\`X\`b\`X\`i\`j\k W\`d\`i\`c\`c\`j\`n\`c\`k\`Y\`V\`Y\`c\`.
h\`c\`]\`X\`b\`X\`i\`j\k X\`V\`B\`X\`i\`j\k\`6\X\`^+&\#

| μ³c\i °] μ'k n°X X°] d X] °fj c'a°a b °c\] ^e°μ X°
e°Y c\i °] Zd°] j k X°k X° i] °] X°c] Vj k °b X° i X°

B i^]j\`k XX^b X]^j X] c]^a Wd^i c^k ^b Vc\`a ^j^fj ^Wd^i c^YVY c\`hC] ^ Xc]μc\`^] c^Yμ X^Wd^X d^a^]j Wd^k X^i^] μp XX c\`c] c^a^D: 8B^c j X^3^fj Vc^fj c^ig^b dc\`b j c#

- B i h a c] i]]d X~]j k X\Wc!cp X\c\ i]d X\ig c~
X cl\Yd\c\mu ~Y c\Wc\Y!X c\Y c\Y V\c\]d X~
i X] X\i\mu c] c\fj c\ig X\ b X\i\^j X] c] k\ g\ g\c\~
a \Wd\i c\k\ YZb\ a\~ i\fj \Wd\i c\YVY c\h\c\] X~
c\j n c\k\c] \mu c\X\^fj Vc\fj c\ig b\dc\`b j c\X X\k c\~
a c] i]]d X~]j k X\Y \mu X X\c\c] c\k \Wd\X d\`a~
D: 8B!X] ~] c\`e] ~a\~] j \Wd\k #
 - 8 X~]j \Wd\k \i\mu c] c\Y \mu X\fj c\`a\k \b X\i\^j X\ i]~
a \Wd\i c\c] \mu c\~] c\Y \mu X X\c\c] c\`a\~] j \Wd\k~
i] Zd\`a i\`e] e\fj X\X\W\`b 1X] Zaik X c\h !%&!!k\Y~

Y c\`h\c] i] ~X V\c X c\#8 X\c \mu\c\`e] e\`i^e\`e\c c\`n
g\`i X\`Y c\`i] e\`X i] ^\`a\`c\`c] ^\`d\`t\`h\c] X\c\`k\`
X\`X\c c\`c] \`h\c] i] ^\`3\`c\`h\`d\`k\`X\`X\c\`e] \mu\c\`e] e\`i^e\`e
X\c\`n\`g\`i\`X\`Y c\`b\`c] !\`k\`b\`i\`h\`e] \mu\c\`e] e\`i^e\`e
X\c\`X\`i] ^\`Y i\`*\`y\`X\`b\`X\`i\`^j\`X\`V\`879\`k\`h\`Y c\`W\`c\`
k\`c\`~\`c\`l\`V\`a\`h\`Y c\`X\`X\`i] c\`e] c\`X\`V\`Y\`V\`Y c\`h\c] ^
] X\`i] Z\`d\`X\`X\`i] X\`k\`b\`i\`b\`X\`Y c\`d\`Y\`b\`c\`l\`
Y c\`Y c\`h\`h\`j n\`n\`^b\`a\`j\`Y ~X V\`Y\`V\`Y c\`h\c] X\#l\`j n\`
c\`c\`l\`Y\`d\`i\`X\`Y c\`X V\`K\`X\`c] V\`i] X\`a\`b\`i] V\`n\`Y\`
h\c] i] ^\`X\`c\`X\`c\`X\`i] ^\`c\`Y i\`*\`y\`X\`b\`X\`i\`^j\`W\`d\`
i\`c\`c\`c\`j\`n\`c\`k\`Y\`k\`i\`i\`X\`X\`X\`i] c\`e] c\`Y\`V\`Y c\`h\c] ^
] X\#C\`c\`W\`c\`e] e\`c] \mu\`k\`n\`i\`c] i\`c\`c\`Y\`p\`X\`X\`d\`a\`
Y c\`X\`e\`X\`d\`B\`X\`i\`^j\`6\`X\`c] i\`g\`d\`c\`Y\`~\`j\`X\`X\`c] j\`
k\`X\`a\`b\`c\`c] ^\`e\`Y\`p\`X\`f\`c\`a\`W\`c\`k\`c\`l\`k\`d\`c\`b\`% %\#

C\μ c\`e] c\W i\^v\W c\`e] e\`B X\i\^j\`e] `k \`B X\i\^j\`e
&\&X \`i\`e] ^m\X\`c\`c] igd\c\`X X\i\`g\`c\`c] e\h Y c\`i\`e
c\`j\`n c\`h\`c\`c] X\W c\`i\`e] μ\`c\`c\`e] e\i\`g\`n c\`i\`e] c\`l\`i\`g\`d\c\`c\`c
b \`i\`g\`u c\`i\`c\`c] ^c\`c\`X V\`c\`μ \`Y c\`W c\`μ V\`k X\`c\`μ \`Y c\`c\`μ²
Y\`V\`e] μ\`c\`μ\`g\`d\c\`c\`c] c\`l\`i\`g\`u c\`i\`e] e\`Y l\`k\`X\`m\`z\`b \`m\`i\`X X\`c\`μ³
`j\`j \`k X\`Y \`Y\`μ X\`W d\`k \`i\`c\`c] μ\`i\`e] \`c\`d\`e] X\`X\`b \`Y\`Z\`e
Y\`V\`Y c\`a\`b c\`c\`c] ^e\`e] V\`n\`e] ^a\`b c\`c\`c] ^e\`i\`g\`d\c\`i\`e] \`Y\`c\`Y X\`i\`e
X\`i\`e] X\`X\`Y c\`i\`Y f\`j n\`i\`Y c\`c] \`m\`z\`b ``j\`j \`k X\`Y X\`e] ^a\`D 8B \`V\`n\`e] c\`#\`c

8 X'B X̄i^j ̄X] ^] X'b X X'W'c'e) eY V'g c^)j k X'
X i] i]μ c\m|n c'¥μ X' eY]μi
Y V' : q

- c] μ"X X~] j] "e] X] ^] "hç] i] ^] "çYdcZhVÜ idb d"k
L Våñ!%"&- Zl#
- 8 X~] j] k] XWd\ b] X X\K c] ^] VY c]\hç]] X\g c] ^]
n j!%µ Xfj c] a] ^] b] Vc\] a] ^] i] f] Wd\ c] %VY c] ^]
hç]] Xc\] j] n c] k] a] Y] i] c] \fj VI] X] c]] c] c] µ] X X
fj n] ¥c]] d] X X X\ e] µ] c] \e] e] i] ^] e] X c]] j] f] ^] X#
- B i] h] j] g] c] ^] µ] Xfj c] a] g] c] \a] Y] f] X] c]] c]
c] µ] X X~] d] c] ^] g] c] \^] !g] c] \c] j] n c] hç]] d] Xg] c] X
^] i] g] %VY c] \hç]] X XWd~] X] !%µ XWd\ k] ^] X X
b] ^] ZY V] a] b] c]] ^] e] k] e] ^] a] b] c]] ^] e] #
- B i] h] ^] j] k] X] i] c]] ^] c] Yd] X X] i] g] c] ^] X] f] c] a]
e] X] k] b] X] ¥X] c]] ^] c] X] j] hç]] X#

- 8 X'a c] i] k "]j k X'Yd'c\μ ^Y c\Wc ¥V\k \$] d X'
X c\¥ c\¥ V'e] μ3c\`L886!"]d XX XW'e] c\X V\X X'

‘]j ‘k X*c n!fj c*a ¥ “Yj n!g“X X] “hç] i] “i “c] ^c°

4. Giám sát và báo cáo về các biện pháp bảo tồn khu vực khác

<^b ^h i h] ^j ^fj X V X X D: 8B ^a ^X c i] ^i#8 c \ k ^X^c
c n c c \ W d \ b / f i] ^i a e Y ^a j X^3 h k ^b ^h i a c^
i X X X \ ^ig ^Y V Y c \ h c]] X X V ^] j k X Q ^ig d c \ i g c \ ^
] e i] X]] e ! ^b ^h i i] \mu c \ i j n c Y V k d X c \ Y c \ l^
a e W c ^Y X h i] V b ^V k ^ i] e ^c i] X i g n c i] c \ o
b ^m ^b ^h i X X] d i ^Y c \ W d i c \ W d \ b ^X ^c] c \ ^] d i ^

] ^U X d ^R c \ i ^ka c U] i / i
i I e ^D ^j ^i Q ^Y V j X d Y d \ k]
^X Y b ^h i X Q X d d X ^
Q f / :]]

\W c i [c \]

Tài liệu tham khảo

7dgyc^; ZnZgWZcY!<#9j Ydnl^C#?VZ\Zd1 #AVhhZc!^7#
EVi] V^7gddb Z!^C#E] ^eh!6#VcY^HcYI 1] !1 #&(%!#
<dkZgcVcXZ^d[EgdiZXIZY^6gZVh; gld j cYZghiVcY^c\ id^
VXi ^dc#7Zhi EgX^XZ^EgdiZXIZY^6gZV<j YZacZh^HzgZh^Cd#
' %#<^cY!HI ^oZg/cY/ 8C#

7dgyc^; ZnZgWZcY!<#VcY= ^G#P %&*!# <dkZgcVcXZ^dg^
i] Z^XdchZgkVi ^dc^d[cVij g^!^c^L dg^nh!<#A#AdX^ I ddY!^
B #^@di] Vg^!6#^; ZVgn^H#VcY^Ej ^d[dg^!^#^LZYh^ EgdiZXIZY^6gZV^
<dkZgcVcXZ^VcY^B VcV\Zb Zci^ee#&+. ' %+#6CJ ^Eg^hh/
8VcWZg/#

8VcVYV^9ZeVgb Zci^d[^; h] ZgZh^VcY^DXZVch^L %&+!#
DeZgVi ^dcVai^j YVcXZ^dg^YZci ^n^c^ di] ZgZ^[[ZXi^KZ^
VgZ^WZhZY^XdchZgkVi ^dc b ZVhj gZh^ ^c^8VcVYVh^b Vg^Z^
Zck^gdc^ Zci^8VcVYV^9ZeVgb Zci^d[^; h] ZgZh^VcY^DXZVch/
DiiVI V!^8VcVYV#. ee#6XXZhZY^?Vcj Vgn^& !^ %&, ^Vi/

] iie^#^ I I #^ [d^b ed^X^\$dXZVch^\$dXj b Zci^h^ej W^XVi ^dc^\$
dZVW^b "Vb XZeo^ \$ %&+T&T^) TD: 678B "b Vg^cZ^"j YVcXZ^dg^
ej W^X^Vj Y^ZcXZTKZ^h^dc^"W^eY[
8dckZci ^dc^dc^7 d^d\ X^a9 K^Zgh^in^t879^t^& . ' ^#8dckZci ^dc^
^dc^#^#^d^d\ X^a9 K^Zgh^in^t ieh^#^ I^#^#^V^#^ 0^#^ I^#^I^#^ P^#^ M^#^ V^#^ T^#^ D^#^ E^#^ G^#^ H^#^ @^#^ E^#^ S^#^] W^#^ M^#^ X^#^ I^#^ R^#^ X^#^ D^#^

?dcVh!=#VcY'B VX@ccdc!@#` Yh!`%& `#Jh\`8VhZ^{*}
Hij YZh*id*: c] VcXZ^{*}j YVcXZ'dcDi] Zg: [[ZXi kZ'6gZV"
WWhZY'8dchZgVi dcB ZVhj gZh/GZedg d[1] g'B ZZi c\`d["
i] Z'8CL 8E61 Vh` dgXZ'dcDi] Zg: [[ZXi kZ'6gZV" WWhZY'
8dchZgVi dcB ZVhj gZh# 8C" L 8E6/<`/cY!`Hl` oZg/cY#
] iieh\$` I I #` Xc#dg` \$] Zb Z\$egliZXiZY" VgZVh\$` XeV\$`] Vi"
I Z"Yd\$dzXb h

?dcVh!=#VcY'HVCYI` 1] !`#` Yh!`%& `#` dl` VgYh^{*}
GZXd\c h\`!`GZedg c\`VcY'Hj eedg c\`D: 8B h/GZedg d[
i] Z` dj g]: mZg`B ZZi c\`d[i] Z'8C" L 8E61 Vh` dgXZ^{*}
dcDi] Zg: [[ZXi kZ'6gZV" WWhZY'8dchZgVi dcB ZVhj gZh#
` 8C/<`/cY!`Hl` oZg/cY] iieh\$` I I #` Xc#dg` \$] Zb Z\$
egliZXiZYVgZVh\$` XeV\$`] Vi" I Z"Yd\$dzXb h

?dcVh!=#`B VX@ccdc!@#`9j YZn`C#=dX` c\h!`B #`ZhhZc!
H#`AV[[dZn`9#`B VX@ccdc!`9#`B ViVa\`cV`I dW c!`8#`HVCYI` 1]
I #`L V`1] V`V`#`VcY`L ddYZn`H#`%&-`#`Di] ZgZ[[ZXi kZ`VgZV"
WWhZY'XdchZgVi dcB ZVhj gZh/` ggb`6X] `VgZi`&&`id`i] Z`
edhi`%`%7`dY`kZgh`n` g/b Zl` dg`#`E6G@H`) #` 8C/<`/cY#

?j e`1Zg`H#`8d] Zc`E#`L ZZ`h`G#`1 VI` V`Z!`6#`VcY`<`dkVc!`#`
`%&`#`AdXVan`b VcV\ZY`b VgZ`VgZVh/B j`e`Z`dWZXi kZh^{*}
VcYY`kZghZ`hi`g/Z\`Zh`EVXf`X8dchZgVi dc`7`dad`n`%`
&%&%`&`E`8&) %&+*#

AV[[dZn`9#`9j YZn`C#=?dcVh!=#`B VX@ccdc!`9#`B VX@ccdc!
@#=dX` c\h!`B #`VcY`L ddYZn`H#`%&`#`6c`ciglYj Xi`dc`id`
di] ZgZ[[ZXi kZ`VgZV" WWhZY'XdchZgVi dcB ZVhj gZh`j cYZg`
6X] `VgZi`&&`d[i] Z`8dckZci dc`dc`7`dad`XV`9`kZgh`n/
dg`c`ci`ZgZgZiVi dc`VcY`hdb Z`Zb Zg`c\`dXZVc`hjh Zh#
?dj g`Vad`[`fj Vi`X`8dchZgVi dc` , `Hj ee`Zb Zci`&/&(`%`&`#,`#

AZkZg\`dc!`#`AZb dh`8dhiV!`@#`8dj ggj`!`#`EVkZhZ!=#`
Cd`Z!`8#`B Vgj`B #`8dVY!`A#`7j g`Zh!`C#`7db] VgY!`#`VcY`
=dX` c\h!`B #`%&`#`B VcV\Zb Zci Z[[ZXi kZcZh`hZkVg`Vi dc`
c`egdiZXiZY`VgZVh`"V`ad`Wahij YnfHZXdcY`ZY`dc#`] Z`
J c`kZgh`n`d[Fj ZZch\`cY`7`g`VhVwCZ!`6j hi`g/aV#

Adedj`] c`Z!`C#`VcY`9`Vh!`7#`#`%&`#` Y`dgV`a`L] Vi`YdZh^{*}
I VgZi`&&`g`V`a`b ZVc4`E6G@H`&-`#`&`/*` -`#`
B VX@ccdc!`9#`8#`#`AZb`Zj m`@#`7ZVoZn`H#`L ddYZn`G#`
=ZaZ!`#` 7ZVoZ`eV] Z` g`Y`#`
n`VcY`Ai` V6X] ^`Z`Xi`^`Z`gh`n`
I VgZi`&`j cYZdhij c` c#` a` Q` ZXi`^`Y`V`
Z` Q` Z\`Zh`#`
Z`gh`n`VcY`8dchZg`Vi dc`

Ph | cl

択] c\i] Zd'AV|[daZn'k 'X c\h !" %&, {



| MX¥c] k '7 d'X d'k 'X X'7^c'e] e'7 d'i c'i] Zd'@] j 'k X'=^j 'fj '@] X

I] c\iCj b'k'e] μ³c\^e] e\i c] id c\h\^a\j i] c\^ .
X V\J C: E"l 8B 8'k ¥ e] ^X i ^jieh\$ SegiZXiZYea\cZi#
cZi \$X\$V\@j a\i\dc"egdiZXiZY"Vg\Z"XkdZg\Z

< ^ b ° h i ° X X ° W c ° e] e ° W d °
i c °] j ° k X °] ^ j ° f j °] X

=^j ^fj c'a'X X@j Wd'k #E6B: ^igdc\c] ^j igu c] .
] e'h a'e] μ³c\c] ei] X]^c] i] ¥ ¥ c] ^\c] ^j ^fj .
X V X X@j Wd'k !¥ XWia] X X X c\X E6B: ¥μ X
] ig W!] c\ic W'hj c\k] i] ^fj ¥VY c\hC]] X#
=³c)%X c\X ¥ ¥μ Xe] i] ^g c¥ ¥ c] ^\c E6B: hzB .
JC: E"l 8B 8" %-!#K^X e'Y c\X X] i] c\ E6B: X .
c\] Va X³fj Vc X] i] b f j n c h i] j c'a] ^3c igdc\k^X
Wd'X d'k ^\b h i] ^j ^fj X] d'JC: E"l 8B 8'k X ¥ c] .
^\b h ¥ c] Y c\X j c\ ^V X X ¥ V ¥ b k i] Zd'i] ^\c#

B i h c\j n c i X X^c Wc^Y ^\wedge b h i X X^c jj Wd^k c b
i] Zd^Y ^\wedge j f j Wd^i c \wedge \mu X^b i ig d c \wedge X X^W \mu X i &''''.
\mu ^Y n#8 X^W \mu X^&'''(X c \wedge X i] \mu X^h Y c \wedge Y] ig
f j n i \wedge c a^j b i \wedge V V^Y \wedge b X e] ^a^c jj k X^W \mu X Wd^i c
[Vn^c] c \wedge Vn k c a^c jj k X X X X^c d i \wedge c \wedge Wd^i c^c jj
f j ^c \wedge \mu c ^\wedge a e a \wedge

*# B `i i*X X X^`ig`\$VY c`\hC]] X`fj Vc`ig c`\X V`
`]j `k X!X c`\k] h`k X Xc\j c`i] c`i`c#Mzb `mi`
i c] \$`Y`c`i c] c\j n c`k c!W `X c] X VX c] f`j Vc!
X X`ad `fj] ^b !W`\$Z`Y V!`Y X] j `k `fj Vc`ig c`\X c`
c]mu`c] id c`k c`X VhC] X c] `k] hC] i] #
+# MX`\$Y c] e`a X`k `b `Y`Z`Y V`Y `k ^`]j `k Xh `c]
]mu c`\\$ c`X X^`ig`\$VY c`\hC]] X#
, # Mzb `mi`X X]d i`Y c`\k W`c`e] e`fj c`a`\$mu X]i X`
]c`i ^`]j `k X`Y `Y c] `^`] ^j `fj X VX] c`l`a`j `.
X] c`\X `Y `Y Yj n`ig`X X`Y X`Y`b `Y`V`Y c`\hC]] X`k `
a`j X] c`\X i] X`] ^j `fj W`d`ig`b `id c`W`e] b `k`
`Y`V`Y c`\hC]] XX V`^`]j `k X`X c`\c] mu`igdc`k`X`^`
fj n i`X X`b `Y`Z`Y V`X i] ^`b `hd i`\$mu X`Y `k `W`d`
i c`c`y j n c`k `Y`V`Y c`\hC]] X#
-# Mzb `mi`i`c]] ^j `fj `k ^`i`fj W`d`i c`X V`^`]j `k X!`
i] c`\fj V`k`X`Y c] `^`] ^c`ig c`\X VX X]i] j X`i c] mu`
i`a`i`c] i`a`e`k mzb `mi`X X`b X`i`^`j `k X] h`Y c] `^`
] ^c`ig c`\k `m`j]mu c`i] Zd`i] ^`Vc`!`Y c] `^`k`X`^`b`
c] X X`b `Y`Z`Y V!`^`b `h`i`k `fj c`a`i`l X] c`#

7 d'X d'X] d'8³ h Y ^a^j ^id c'X j ^k =^j f'j F'j c'a^ X X@] j ^7 d'k ^k<9"E6B : f'Yd'JC: E'L 8B 8f'j c'a Wc\ X X] i^eX c'iμ³C\ i ^c] μ^Y ^c j ^ig c'Y ^k ^X³ h Y ^ a^j ^L 9E6'k ^D: 8B #B ^i] X'b X'a^c f'j Vc^Y c'Wd'X d!^ Y ^X] i^l !h Y c]\ d X'm ^a<9'''E6B : f'ki ^a c\ ^a c\] /

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