

!

MEREDI H BLACK ELL

!"#\$%&'()*+,-./:;
0)12'. ,)3.%("!"4"5-624%76-)36)*%
8"/.*-232%7.2.)%93-:)'*-.#%
!2."3%;"/5)<8=%>@?A%97=%
B)4)1C"3)D%EEFG>@G@FHE%I ,)**25)*J%

=((-4-2.)%K26/4.#%
0)12'. ,)3.%("!"4"5-624%76-)36)*%
93-:)'*-.#%("7"/.C%L2'"4-32%
L"4/ , M-2<%7L%ENE?@%97=%

I M A %IU), M)'<%+X)6/./:)%L", , -..))%TNN?GTNNY_%7)6').2'#G^)3)'24%
 TNNYGTNN@_%&')*-\$)3.%TNN@GE??E_%K" /3\$-35%K)44" P%E?TY0_% ^)3)'24%K)44" P*%L", , -..)<%LC2-'%E?THG%0_
 +4):)3.C%Z3.)'32.-"324%U#6"4"5-624%L"35')**%IZULTTJ_%76-)3.-(-6%&'5'2, %L", , -..))<%L"G6C2-'%
 +\$/62.-"3%7/M6", , -..))%IP-.C%=3\$')2%;",)"J%, -\$GW/4##E?T@0<%723%W/23<%&/)'."%;-6"_%Z3.)'32.-"324%
 =:-*"'#%! "2'\$%("'%ZULTE%E?E?GE?EFJO%

A L M %&2*.%U), M)'%
 I A B M S (IABMS) (U), M)'<%2\$%C"6%

E??A% % 0-*.35/-*C)\$U#6"4"5-*.<U#6"4"5-624%7"6-).#%"(%=,)'-62%
E??A% % V"3"2'#U), M)'<^"4\$)3%c)#<879%LC21.)'%
E??H% %

0V2)4)P2.)'*<%0<%23\$% j S% ; " ** -S%E?T>S%82M" /4M) 3-24) *%12'2* -.6%"3%= ,) '-623%* , 244%62'' -"3%M)).4) *D%3) P%
*1)6-) *% "(%C <%D <%23\$%R S%

% 0 \ ".C%L2'"4-32%7.2.)%93-:)'*-.#<%L"44)5)%"(=%5'-6/4./')%23\$%8-()76-)36)*<%L)3.)'("%'z3.)5'2.)\$%
K/3524%;)*)2'6C<%,),M)'%'):-)P%..)2,<hEGA%=/5/*.%E?T>%

CO RSEŞ A GH %

D% ! ".23##IU2n"*v%23\$% \ "3G, 2n"*v%*)o/)36)*J<%^)3)'24% ! -"4"5#<%L#."4"5#<%&423.%
U"'1C"4"5#<%^)3)'24%q"4"5#<%U-6'"M-"4"5#<%76233-35%+4)6.'"3%U-6'"*6"1##B)6C3-o/) *<%+6"3" , -6%
&423.*<%BC)% j "'4\$%=" /3\$%9*%I*))gC..1Dhh') :)-44)S*./ ,)\$-2S4*/S)\$/h2'6C-:)*hn23/2'#GE??ThTGA?G
?ThL2 , 1/*4-()h/3-:A??FSC. , 4im<%K/3524% ! -"4"5#%IC..1Dhh4*MA@?S14M-"S4*/S)\$/hK/3524wE?!-"4"5#h%
K/3524wE?!-"4"5#wE?V" ,)SC. , 4mS%%G

!426QP)44<%US<%23\$%;S%8S%^-4M)'.*'3\$%TN@FS%=%3)P%*1)6-) *% "(%/ %IA
H J%"3%"2Q%-3%8"/- *-232\$%M EADE@FGEN?S%
%
^-4M)'.*'3<% ;S%8S<%23\$%US!426QP)44\$%TN@FS%\ ".) *% "3%P "\$G' "..35%(/35-%"3%n/3-1)'*%-3%.C)%^/4(%L"2*.%
)5- "3\$%M EYDAEFGAY@S%
%
; **<-<% j S<%23\$%US!426QP)44\$%TN@HS%\)P%*1)6-) *% "(L %(' " , %-)' , -.)%C" * .%-3%=('-62\$%M
>@DTYEGTYFS\$" -D%T?SEA?>hA>NAANA%
%
!426QP)44<%US<%23\$% j S% ; " **<-S%TN@HS%! -"5)"5'21C#%" (%(/3524%)6."12'2*-.)*% "(%.)' , -.) *S%M EFDF@TG
H?TS%
%
)n , 23Qx:2<%+S<%US!426QP)44<%23\$%O%L%L/44)#S%TN@HS%O#32 , -6*%" (%(/3524%-3()6.-"3%-3%\$/6QP))\$*%
IL JS% [) "'((% ^)"M".23-*6C)*%Z3*.-./.)<%ETH<%qy'-6C%I+S%823\$"4.%K)*. *6C'-(.J%@>DT>@GT@NS%
%
!426QP)44<%US<%WS%;S%! '-\$5)*<%WS%L%U"*)'<%23\$%BS%WS&)'#S%TN@HS%V#1)'1C')'.6%\$-*1)'*24%"(%2%
P %232 , "'1CS%S %EAEDNNAAGNNFS\$" -D%T?STTEHh*6-)36)SEAESY>FASNNA%
%
!426QP)44<%US<%BSWS&)'#<%WS;S%! '-\$5)*<%23\$%WS%L%U"*)'S%TN@HS%=%3)P%*1)6-) *% "(%P %23\$%-.*%
T %232 , "'1CS%M %>@DH?>GHTYS%

%
7/C<%7SG`S<%LS%&S%c/'a,23<%23\$%US%!426QP)44S%E??TS%BC)%*.2./*%"(%E GG2%
(-42,)3."/*(/35/*%23\$.P"#)2*.*S%M %NADATHGAETS%"-D%T?SEA?>hA>HTHFA%
%
qC235<%\S<%23\$%US%!426QP)44S%E??TS%U"4)6/42'%1C#"5)3#%"(%\$ "5P" "\$%23.C'263" *)(/35/*%ID %
J%23\$.C)%0-21"'.C24)*S%M %NADAFHGAHYS%"-D%T?SEA?>hA>HTHF>%
%
7/C<%7SG`S<%VS%\ "\$2<%23\$%US%!426QP)44S%E??TS%Z3*)6.*# ,M-"*-*D%\$)' -:2-"3%"(##)2*.G4-Q)%3\$"*# ,M-"3.*%
P-.C-3%23%3." , "12.C"5)3-6%4-3)25)\$M B E %T@DNNFGT??S%
%
j)-'<%=S<%23\$%US%!426QP)44S%E??TS%+X.'26.-"3%23\$%&L ;%2 ,14-(62.-"3%"(0\=%('" ,% , -3/.)%6."12'2*-.6%
(/35-S%M %NAD@?EG@?HS%

7/C<7SG`S<LS%US%^-M*"3<23\$US%!426QP)44S%E??YS%M *1S%3":S< C
 %*1S%3":S%23\$ C *1S%3":S<h-*"42.)\$%(" , %C)%5'))3%426)P-35*C
 %23\$C %I\)/'"1.)'2D%LC'#*"1-\$2)JS%/ J S
 E M %FYDT@@AGT@N?%IC..1Dhh-n*\$5 , n" / '324*\$" '5h , -*6h1-1\$*C. , 4JS%\$"-D%
 T?ST?THhS , #6')*SE??FSTTS?T?%

U/3Q26*-<%=S!S<WS%WS%&23<%&S%[-44)*3<%9S%^S%U/)44)'<US%!426QP)44<%23\$%0S%WS%U682/5C+3S%E??YS%
 L"3:)'5)3.%6"): "4/.-"3%-3%.C)%\$,)*.62.-"3%"(%6"'2% , /*C'" , *M#%(/35/*G5"P-35%23.*S%P
 R S L . S B, B S %E>TDT>>>GT>@ES%\$"-D%T?ST?N@h'*1MSE??YSE>FN%

&"*2\$<K%K%+S% [)52<7S%=S ;)C3)'<US%!426QP)44<0S% j)M)'<7SG`S%7/C<23\$; S%=S%V/ , M)'S%E??YS%
 S %"3%B %2..26Q-35%.C)%L"4"2\$"%1".2."%M).4). J I
 S %YDEY%I1/M4-*C)\$%"3%4-3)%C..1DhhPPP\$-3*)6.*6-)36)S" '5hJS%

7/C<7SG`S<WS% [S%U6V/5C<23\$US%!426QP)44S%E??YS%+X123*-"3%"(C)%C %#)2*.%642\$)D%
 TH%3":)4%C %*1)6-)*%(" , %M2*-\$-"62'1G()\$-35%M).4)*S%/ J S
 E M %FYD%EY?NGEYENS%IC..1Dhh-n*\$5 , n" / '324*\$" '5h , -*6h1-1\$*C. , 4JS%\$"-D%
 T?ST?NNh-n*S?SHAEYHG?%

7/C<7SG`S<23\$US%!426QP)44S%E??YS%BC'))3)P%M).4)G2**"6-2.)\$#)2*.*-3%.C)%P %
 642\$)S%F E M G L G LLQ GM BLQ QL G M M FE M Q AQ GMA



7/C<%7SG`S<%US%!426QP)44<%LS%&S%c/'a,23<%23\$%USG=S%826C236)S%E??HS%&C#4"5)3).-6*%"(%
7266C2'" , #6).24)*<%.C)%2*6" , #6).)%#)2*.*S%M %N@DT??@GT?TNS%"-D%T?SA@FEh , #6"4"5-2SN@SHST??H%
%

%
 V/**)3)\$)'<%Ls<%VS%V"<%23\$%U%!426QP)44S%E?T?S%L",12'-'3%"(%C)%M26.)'-24%*#,M-'3.%6",1"*-.'3%"(%C)%
 K"',"*23%/M.)''23)23%.)',-.)%('',%-.%*32.-:)%23\$%-3.'"\$/6)\$'235)S%T O M J %YD%
 FAGHHS%\$"-D%T?SET>YhT@>YE@F@?T??Y?T??FA%

%
 !426QP)44<%US%E?TTS%BC)%K/35-D%T<%E<%A<%•%F<T%, -44-"3%*1)6-)*|%!"\$-:)'*-.##%71)6-24%Z**/)<%A %
 J B %N@D%YEHGYA@S%\$"-D%T?SA>AEh2nMST??EN@%

%
 c/,2'%BS%cS%=%S<%WS%=%S%L'"P<%BS%WS% j)33M4",<%US%=%M'-4<%&S%US%8).6C)'<US%!426QP)44<%;S% j S%;"M)'"3%O%WS%
 U682/5C4-3\$E?TTS%=%3%"3."4"5#%"(%/3524%*/M6)44/42%.'2-.*S%A J B %N@D%TF?YpTFT?S%
 \$"-D%T?SA>AEh2nMSTT??Y>%

%
 c/,2'<%BS%cS%=%S<%;S%V)24#<%WS% j S%712.2(''2<%US%!426QP)44<%23\$%0S%WS%U682/5C4-3\$E?TES%O %

9'M-32<%VS<%WS%76C/*.) '<%23\$%US% ! 426QP)44\$E?TAS%BC)%5/-%"(%^/2.) , 2423%12**24-\$%M)) .4) *D%2%3-6C)%
6"4"3-a)\$%M#%6)44"M-"*)G%23\$%X#4"*)G() ,)3.-35%#)2*.*S%F E %HD AANpAFFS%"-D%
T?ST?THhS(/3)6"SE?TAS?HS??F%

%
%

c / , 2'<%BS%CS%=S<%US% ! 426QP)44<%&S%US%8).6C)'<% ; S% j S% ; "M)'* "3<23\$%0S%WS% U682/5C4-3S%E?TAS% ;)*)2'6C%23\$%
)26C-35%P-.C%.C)%=KB`8%7 ! 0D%23%-3(" , 2.-6*%') * "/'6)%"'(/3524%*/M6)44/42'%23\$%M-"6C) , -624%\$2.2S%/MA
F %YD%EFNpEHAS%"-D%T?SFFN@h- , 2(/35/*SE?TAS?YS?ESTT%

%

L)n2G\2:2'"<%WS%=S<% \S%VS% \5/#)3<%9S%c2'2"a<%7S% ; S%^'"**<%0S%WS%V)' , 23<%^S%8S%=3\$)'*)3<%BS%0S% ! '/3*<%WS%
&)..G ; -\$5)<%US% ! 426QP)44<%+S%8S% ! '\$-)S%E?TYS%L" , 12'. ,)3.24-a)0421Tm00421052.0756TmTm03\$)'*3-3G%US.-35%#)2*.*S%

0L)n2G\2:2''<%WS%=S<%c2'2"a<%9S<%!-44<%US<%V2"<%q\$<%jC-.)<%;S%=S<%ZZZ<%=')4423"<%=S<%;2,236/4":2<%8S<%K-44)#<%
BS%;S<%!)'#<%BS%O\$<%L"3'2\$<%US%+S<%!426QP)44<%US<%\6"2<%LS%O\$<%c-,<%fSGUS<%;)2'\$"3<%&S%\S<%8-1."3<%US%7S<%
=\$Q-3*<%WS%\S<%&)..G;-\$5)<%WS<%!"\$.)<%+S%8S%E?TNS% ^/,%232.",-624%1"1)'.-)*%23\$, -6" M-24(/36.-"324%
2**),M#%1", ".)%4-53"6)4/4"*%)\$)6"3*.'/6.-"3%23\$%6"4"3#%*/M*-.)36)%"(%2%P"\$G())\$-35%M)).4)S%N
M S%\UZL;`!Z`8GT@?Y?>HAS%C..1*Dhh"\$-S"5hT?ST?A@h*YTFHYG?TNG?A@YG##%
%
0!426QP)44<%US<%O\$<%V2)4)P2.)'*<%23\$%O\$%

!426QP)44<%US%TNN@S%=-'%\$-*1)'*)\$%*1"'')*% "(%U#X" , #6).)*\$%Z3D S

I

A

P

\5/#)3<%\S%VS<%7SG`S%7/C%23\$%US%!426QP)44S%E?TTS%S
T :AT S

% \5/#)3<%7/C%r%!426QP)44S%1S%>NFG>N>S%Z3D%

\$.:)'*(-62.-"3S%1S%EATGE>NS%Z3D%V2'1)'%0<%7)M)'5%`S%+\$*S%BC)%`'-5-3*%"(%=44%BC-35*S%L"1)3C25)3D%
U/3Q*522'\$%Z7!\%N>@@>HE@TNNAT

0=\$2 , *<% ; \$%&\$<

Z3:-.)\$%7# , 1"*-/ , %71)2Q)'S%V"*.%23\$%5)"5'21C-624\$*-.'-M/-."3%"(%^/4(%L"2*.%P"\$G"..."35%(/35-S%U7=<^2-3)*:44)<K4"\$2<%=/5/*.%TN@F%IP-.C%;S%8S%^-4M)'.*"3J%I=M*.'26.JS%

%

Z3:-.)\$%7# , 1"*-/ , %71)2Q)'S%K/3524%-3.)'(26)*D%)6."12'2*-.)*%('2'.C'"1"\$S%U7=<= , C)'*.<%U2**26C/*)..*<%=/5/*.%TN@H%I=M*.'26.JS%

Z3:-.)\$%7# , 1"*-/ , %71)2Q)'S%Z3(4/)36)%"(2'.C'"1"\$S%*-1)*24%"3.C):"4/-. "3%"(%/35244-)%6#64)*S%K/3524G-3*)6.%-3.)'26.-"3*D%%2% , -3-G*# , 1"*-/ , <%93:-)'*.-#%"(%`')5"3<+/5)3)<`')5"3S%=1'-4GU2#%TN@>S%

%

&4)32'##71)2Q)'S%`'-5-3*%"(%-3:).)M'2.)%12.C"5)3*D%K/35-S%7"6-).#%('Z3:).)M'2.)%&2.C"4"5#<L"44)5)%&2'Q<%U2'#423\$<%=/5/*.%TN@N%IP-.C%0S%U244"6CJS%

%

Z3:-.)\$%7# , 1"*-/ , %71)2Q)'S%B2X"3" , ##23\$%1C#4"5)3#%"(%P D% , "4)6/42'%) :-\$)36)S%B2X"3" , ##23\$%!-"4"5#%"(%C)%O %7# , 1"*-/ , <!2\$%j-3\$*C)- , <j)*.%^)' , 23#<%=/5/*.%TNN?%IP-.C%WS j S%712.2("2<0S%U244"6C<23\$%WS j S%B2#4"J%I=M*.'26.JS%

%

Z3:-.)\$%7# , 1"*-/ , %71)2Q)'S%0-*1)*24M-"4"5#%"(%C)%"1C-"* , 2.-\$%(/35-S%B2X"3" , ##23\$%!-"4"5#%"(%C)%O %7# , 1"*-/ , <!2\$%j-3\$*C)- , <j)*.%^)' , 23#<%=/5/*.%TNN?%IP-.C%0S%U244"6CJ%I=M*.'26.JS%

%

Z3:-.)\$%7# , 1"*-/ , %71)2Q)'S%='.C'"1"\$G ,)\$-2.)\$S%*-1)*24%-3%6"1"1C-4"/*(/35-S%K"/.C%Z3.)'32.-"324U#6"4"5-624%L"35')**<;)5)3*M/'5<j)*.%^)' , 23#<%=/5/*.(G7)1.) , M)'%TNN?%IP-.C%0S%U244"6CJS%

%

Z3:-.)\$%7# , 1"*-/ , %71)2Q)'S%&C#4"5)3).-6*#*.) , 2.-6*%"(2*6" , #6.))*S%K/3524%V"4" , "'1C"L"3()')36)< \)P1"'.<`')5"3<%=/5/*.%TNNES%

%

Z3:-.)\$%7# , 1"*-/ , %71)2Q)'S%Z.)'2.-:)%5)' , -32.-"3%-3%2'.C'"1"\$G2**"6-2.)\$%(/35-S%U7=<%&".423\$<`')5"3<= /5/*.%TNNE%IP-.C%0S%U244"6CJ%I=M*.'26.JS%

%

Z3:-.)\$%7# , 1"*-/ , %71)2Q)'S%U"1C"4"5-624%6"3:)')5)36)%2 , "35%2'.C'"1"\$S%*-1)*)*\$%(/35-%*./-\$)%/*-35%642\$*-.6%2324#*-*%"(% , "4)6/42'%\$2.2S%!-'-.*C%U#6"4"5-624%7"6-).#G7#*.) , 2.-6*%=**"6-2.-"3<c)P<+35423\$< \ :) , M)'%TNNE%IP-.C%WS j S%712.2("2JS%

%

Z3:-.)\$%7# , 1"*-/ , %71)2Q)'S%U"4)6/42%'*#*.) , 2.-6*%"(/3-./3-62.)%1)-.C)6-24%2*6" , #6.))*S%K-'*-%

Z3.)'32.-"324%j'"Q*C"1%"3%=*6" , #6.)%7#*.) , 2.-6*S%&2'-*<%K'236)<U2#%TNNA%IP-.C%WS j S%712.2("2JS%

%

Z3:-.)\$%7# , 1"*-/ , %71)2Q)'S%U"4)6/42%'\$2.2*).*%23\$%M'"2\$%.2X"3%*2 , 14-35%-3%) .)6.-35% , "'1C"4"5-624%6"3:)')5)36)S%K-'*.%Z3.)'32.-"324%j(%)-2m/TQ*C%Qq0.24000.242(j)475-%*./\$Zm/TT81Tf[(Z3)2(:)2(-)1(.))21cmBTTMNE2m4.0T

Z3:-.)\$%7# , 1"*-/ , %71)2Q)'S%V).)'6C'3##-3%(/3524%-())%6#64)*S%ZULF< [236"/:)'<!'!'-.*C%L"4/ , M-2<=
= /5/*.%TNNY%IP-.C%CS%W"3)*%23\$%WS% j S%712.2("2J%I=M*.'26.JS%

Z3:-.)\$%7# , 1"*-/ , %71)2Q)'S%7/1'2"\$-324%642**-(62.-"3%"(C)%2*6" , #6).)*-3(())\$%(' , % , "4)6/42'%23\$%
".C)'%6'-.)'-2D%4-6C)3-a)\$%23\$%3"3G4-6C)3-a)\$%1#')3" , #6).)*S%ZULF< [236"/:)'<!'!'-.*C%L"4/ , M-2<= /5/*.%
TNNYS%

%

Z3:-.)\$%7# , 1"*-/ , %71)2Q)'S%+:"4/.-"32'##%*- , 14-(-62.-"3%"(C)%4-())%6#64)*%("M4-52.)/(3524%2**"6-2.)*%
2'.C'"1"\$*S%Z3.)'32.-"324%93-"3%"(U-6'"M-"4"5-624%7"6-.)*)L"35')**)*<U#6"4"5##0:-.*-3<&'25/)<
La)6C% ;)1/M4-6<W/4##%TNNY%IP-.C%CS%^S%W"3)*%23\$%7S%LS%L2**2'J%I=M*.'26.JS%

%

Z3:-.)\$%7# , 1"*-/ , %71)2Q)'S%&C#"5)3##%"(C)% , #6)4-24%(/35-_%23%):24/2.-"3%"(, "4)6/42'%23\$%
 , "'1C"4"5-624%\$2.2S% [Z%Z3.)'32.-"324%U2'-3)U#6"4"5##7# , 1"*-/ , %12% ,)).35%"(C)!'-.*C%U#6"4"5-624%
7"6-).#JS%&"'.* , "/.C<%9ScS<%W/4##%TNNF%I=M*.'26.JS%

%

Z3:-.)\$%7# , 1"*-/ , %71)2Q)'S%

%
Z3:-.)\$%7# , 1"*-/ , %71)2Q)'S%`3)%C/3\$')\$%/3\$)*6'-M)\$%#)2*.*%(' , %.C)%5/.*%"(M)).4)*S%+3." , "4"5-624%
7"6-).#%"(=% ,)'-62<%K"' .%82/\$)'\$24)<%K4"'-\$2<% \ " :) , M)'%E??E\$%IP-.C%7SG`S%7/C<%23\$%V\$% [%U6V/5CJ%
I=M*.'26.JS

j "\$G' '..35%M2*-\$" , #6).) *%2** "6-2.)\$%P-.C%Q
TN@A%IP-.C% ; S%8S%^-4M)' . * "3JS%

%82 , S%=7 ! <%82(2#)..) <%8" /- *-232<%=1'-4%

%

L /4. /'24%*./ \$-) *%("P "\$G' '..35%M2*-\$" , #6).) *%(' " , %C)%7"3" '23%0) *) .S%%U7=<%= ,) * <%Z" P2<W/3)%TN@A%
IP-.C% ; S%8S%^-4M)' . * "3J%I=M* . '26.JS%

%

%
7.)'4%\$*.'-M/.'-3*%*/11''.%1C#4"5)3).-6%1426) ,)3.%"(\$:-)'*(/3524%642\$)*\$U7=<4%73"PM-'\$<4%9.2C<4%W/4##
E??N%IP-C%WS%0\$ j))).%23\$%US%=M'-4J%I=M*.'26.JS%

%
7.2M4)%Z* ". "1)%&'"M-35%"(% ; \ =%6" , M-3-35%1C#4"5)3).-6% , -6'"2''2#*%23\$%7)6"3\$2'#Z"3%U2**%
71)6.'" ,).'#%I323"7ZU7J%. "%4-3Q%6" , 1"*.-"3%23\$%(/36.-"3%-3% , -6'"M-24%*#*.), *\$%b2:-)'%U2#24-<4%&.)'%cS%
j)M)'<4%+"-3%8\$!' "\$-\$->4%B"\$%\$%q\$0)723.-*<4%942*%c2'2"a<4%2'#%8\$%=3\$)'*)3<4%U)')\$-C%U\$% ! 426QP)44<4%
7.)1C23-)% ; \$% ^ ' ' * * <4%7C24-3-%U2M)'#<4%&2/4%0\$%V")1'-6C<4%Z23%0\$%V/.6C)"3<4%23\$%W)33-()' %&)..G ; -\$5)\$%0" +<4%
^)3" , -6%76-)36)% j "'Q*C"1<4% ^B8%=P2'\$))% j "'Q*C"1<4%='4-35."3<4% [-'5-3-2<4%>GT?%K)M'/2'#E?T?S%

%
=KB`8%7.'/6./'24%23\$%!'-"6C) , -624%02.2M2*)D%23%-3('' , 2.-6*%') * "/'6)%"'"/3524%*/M6)44/42'%23\$%
M-"6C) , -624%\$2.2\$%B\$%c\$%=' /3% c / , 2'<4%B') : "'% j)33M4" , <4%02:-\$%WS%U682/5C4-3<4%&.)'%U\$%8).6C)'<4%U2'-.a2%
=M'-4<4%U)')\$-C% ! 426QP)44<4% ; "M)' .% j S% ; "M)' * "3\$%U-33)* ".2%7/1)'6" , 1/-.35%Z3*.-./.)%EF.C%=33:-)'*2'#%
;)*)2'6C%+XC-M.-"3<4%93:-)'*.-.#%"(%U-33)* ".2<4%A?%=1'-4%E?T?S%

%
C D%2%\$:-)'*)%642\$)%2**"6-2.)\$P-C%M2*-\$- , 2.2G())\$-35%M)).4)*\$%9'M-32<4%V\$%7\$G`S%
7/CS<4%WS%WS%8/235*2G2'\$S<4%23\$%U\$% ! 426QP)44\$%U7=<4%K2-'M23Q*<4%=42*Q2<4%AT%W/4#GF%=/5/*.%E?TTS%
%

%
^ /4(%6"2*%.2'M24G2**"6-2.)\$%#)2*.*D%/3\$)'*./-\$)%\$25)3.*%"(% , -6'"M-24%#"\$"62'M"3%\$)5'2\$2.-"3%23\$%
1").)3.-24%C/ , 23%12.C"5)3*\$%S%=4M/<4%7S<4%U

!))4)*%23\$.C)-'##)2*%2**"6-2.)*(', %M2*-\$-62'1%C2M-.2.*%\ 7K%0+!G?YT>T@?%!!"\$-:)'*-.##7/':)#*%
23\$%Z3:)3."'-)*JS%E??YGE??NS%ŠYFE<?E>S%IWS% [S%U6V/5C%23\$%7SG` S%7/C<%L "&Z*JS% ; +9%7/114) ,)3.*%."% \ 7K%
0+!G?YT>T@?<%E??F<%ŠTF<???_%E??H<%T?<???_%E??><%ŠF???_%E??@<%ŠH???_%E??N<%ŠH???S%
%

Are any Australian yeasts efficient fermenters of xylose to ethanol? NSF EPSCoR LINK
proposal. 2012-2013. \$2,000. US% !426QP)44<%&Z<%23\$%V\$%9'M-32<%L "&Z

Digitization TCN: The Macrofungi Collection Consortium: Unlocking a Biodiversity Resource for
Understanding Biotic Interactions, Nutrient Cycling and Human Affairs. NSF. E?TTGE?THS%
Š

