



लघु वनोपज सम्पदा प्रबंधन विधि





ଓଡ଼ିଆ ଭାଷାରେ ଲଗୁନା ଉପାଦାନ ପ୍ରବନ୍ଧନ ବିଧି

ମୁଦ୍ରଣ : ଓଡ଼ିଆ ଭାଷାରେ ଲଗୁନା ଉପାଦାନ ପ୍ରବନ୍ଧନ ବିଧି
 ଲେଖକ : ବିକାଶ ରାଥ
 ଉପାଦାନ : କିଷ୍ଟୋନ ଫାଉଣ୍ଡେସନ୍
 ମୁଦ୍ରଣ : ପର୍ଫେକ୍ଟ ପ୍ରିଣ୍ଟ & ଗ୍ରାଫିକ୍ସ ପ୍ରାଇଭେଟ୍ ଲିମିଟେଡ୍
 ପ୍ରକାଶନ : ଅପ୍ରେଲ ୨୦୧୩
 ଉପାଦାନ : ଲଗୁନା ଉପାଦାନ ପ୍ରବନ୍ଧନ ବିଧି
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 ପ୍ରକାଶନ : ଅପ୍ରେଲ ୨୦୧୩

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Uelag Jevestape mektoe Hyadeve efede



Uelag Jevestape mektoe Hyadeve efede

Uelag Jevestape mektoe e Heef Yee-ee Deej Gmekel IeelHe³e

nceej er Jev Hyadeve efede³ellcellmeceev³ele³ Fceej leer uekoka³ er Deej FDeve uekoka³ er keles ner cek³e Jev GHeo ka³ jAHe cellcevee peeteer niw Deej uekoka³ er keles O³eeve cellj Kekolj ner Hyadeve J³eJemLee³ellkaler peeteer niw uekoka³ er ka³ DeueeJee Dav³e meYeer Jev GHepeellkales meceev³ele³ i³ej-kale-p Jev GHepeW/ GHeoell(Non-Wood Forest Products or Non-Timber Forest Products) ³ee uelag ieece Jevestape (Minor Forest Products) ka³ eHe cellcevee peeteer niwpeyeeka³ Jemteedekalle³ en niweka³ Fmemes De³i e japeiteej eteuelee niw Deej uekoka³ er ka³ GHeove Deej s³kele nes ka³ kolej Ce Ielbi Helles Deej yeebe pames Jev GHepe eJ³edll mes ka³elaler De³e Yee eteuelee niw mJelalleee mes Henues Fceej leer uekoka³ er Deej FDeve uekoka³ er ka³ DeueeJee Dav³e meYeer Jev GHepe meceev³ele³ pames eka³ Halue / Halue / Helteelmes uekoka³ KeetrepeellDeej Jev³eepeede GHeoellpames eka³ neLeceelle, Hee³e³edllka³ HeKe Deedo kales uelag Jev GHeo kaler me³er cellmecevee eka³ee i³e³ee Lee Deej Fme Meyo kale kole³eKeeme kolevdeer cenIJe verakLee~ Fme elueS Jev Hyadeve cellFme Meyo ka³ menpe Fmlceeeve neee Lee~ Hej Hegpeye meved 1996 cellHnee (PESA) Deedee³eece ueeiet niDee Ieye mes Fme Meyo kale efedeeka³ efedlleeLecenIJeHeCek nes i³e³ee~ Fme Deedee³eece cellmte³ eHe mes yee³ee i³e³ee eka³ uelag Jev GHepe eJ³edllHej mJeeceelJe kale Deedekolej Deedemet³e³e #ede ka³ ieece meYee Deej mece³e³e mlej ka³ He³ee³e³ele meblLee kale j nisee~ eka³leg Fme Deedee³eece cell mJeeceelJe kale Deedekolej” Delelee “uelag Jev GHepe” kales mte³ jAHe mes Hej Yee³e³e³le verak eka³ee i³e³ee, pees Gmekeler Deedee³eele ka³cepeej er Leer Jev efeyeeie ka³ elueS ³en efedee kale kolej Ce Yee yee i³e³ee ka³pedlka³ uelag Jev GHeoellHej Gmekeler efeyeeieCe j ntee Lee Deej Gmemes De³i er De³e Yee ne³er Leer, peyeeka³ ieece meYee ³ee He³ee³e³ele ka³ mJeeceelJe Deedekolej j nves ka³ kolej Ce Deedee³eele nee³e nes kaler meYeeJeeve ka³ meLe meLe peheue cellHeveedMekolej er iedleedee³edllkaler Deedee³eele Yee yee³ ief&Leer FmeelueS j ep³e mej kolej ellves Deheves mlej Hej uelag Jev GHepe eJ³edllkaler Hej Yee-ee osok³ meved 1998 cellme³e³e, He³ee³e³e³ Ce IeLee Jev cellcevee³e, Yeej te mej kolej cek³e me³e³e³e, ceO³e HioMe mej kolej kales elueKee eka³ “Jev mektoe kales efeyee nee³e Hen³eeS uekoka³ er ka³ DeueeJee mabe³er kaler peeves Jeeueer Jev GHepe oJ³e uelag Jev GHepeellka³ jAHe cellceev³e nee³e”~ ceO³e HioMe mej kolej ves Fme cellDeeies peee³ e³ee eka³ uelag Jev GHepe eJ³edllka³KeetrepeellDeej peheueer peevelej ellka³ osok³ Mecevee verak n³el³ otnej er Deej Je-ek 2000 cellDee³e³ Me³ mej kolej ves Skal mabokute-Hete (resolution) peej er kalj ka³ uelag Jevestape eJ³e kales Hej Yee³e³e³le kaler Deej Henues meep Deej yeeo cellveer Jevestape eJ³edllkales uelag Jev GHepe eJ³e kaler me³er cellpeee³ e³ee Deej Gve Hej Hebellye³e ni e e³ee Sjab He³ee³e³le ka³ efeyeeieCe cellj Kee~ Fmemes Deueie DeeeDee³e HebelW peee³ er yefi ³ee³ yale, i me³, ueeKe, iee³eb, i eue Deej kalto GHeoellkales i³ej kale-p Jev GHepeellGHeoellcellmecevee³ele ka³ j ka³ Fve Hej Hebellye³e ueeie e³ee~

Deleale caW Fmekoher efedekeka Hefj Yee-ee ve neres ka kolej Ce, Dehtveer F^{er} e leLee magfoDee ka Devonej uelag Jev Gtpe eJ³eeW keles Hefj Yeeete kaj ves keler kelesMelle meYeJe nreter Leer- ekahleg Jev DeDokelej DeDDee³eece- 2006 mes Fmekoher dnllele yeoue ie³er Deaj uelag Jev Gtpe eJ³eeW keles J³eeW keles leLee Gef^{er}ele Hefj Yee-ee Hruuer yaj efoue ie³er- Fme DeDDee³eece keler Oeeje 2-Pe callyelae³ee ie³er eka e

“ieeDe Jev Gtpeo” ka Deleiale Hekoek efoue ka meYer iaj -Fceej Ier Jevestipeo nQ eferecallyeame, Peaz^{er} PeKeez^{er} 1, p/p, yelle, Iameej², kalesee, Meno, ceese, ueeKe, Iebit³ee kallot Helle DeameOeepe Haeles Deaj peaz^{er} er yati³ee efoue, kalvo Deaj Fmeer Hekoek Dev³ee Gtpeo medceduele nQ

HaluemJe^{er}He, Yeej Ieape Jev DeDDee³eece-1927 caW GuuesKele yeeDe keles ueekae^{er} er ka meceka#e ceeeves kele HeJeOeeve keles Jev DeDokelej ef³eece ves H³eeK³eeve eka³ee nW- Fmekoher Deleefj kalle p/p kales Yee uelag Jev Gtpe eJ³eeW keles Jev DeDokelej DeDDee³eece ka Devonej Meesteeve eka³ee ie³er- ³eeDee Fme me^{er}er callheoHe efoue ka meYer iaj -kale-p Jev Gtpe eJ³eeW keles Jev DeDokelej DeDDee³eece ka Devonej Meesteeve eka³ee ie³er, leLeeF FmecalMeno, Iamej Deaj ueeKe pameer GtpeaW keles Yee Meesteeve eka³ee ie³er, pees Deht³ee#e jAHe mes HeoHe Gtpe Deaj H³ee#e jAHe mes HeCeer Gtpe nQ Fmekoher mairinCe mes Jev³ee peedeW keles mag#ee ka Helle Keteje vernekesee- Fme Hekoek pernaBekal Kaabe Sjab keles mehejove (FAO) ves iaj kale-p Jevestipe eJ³eeW keles Jev leLee Dev³ee Je#eeDee mes GtpeayDe Je#eeW mes Helle ueekae^{er} er ka Deleefj kalle Deaj meYer Hekoek ka Dev³ee peedeW keles mece^{er}er ka jAHe caW Hefj Yeeete kaj ka GmeceW Jev³eepeedeW keles onreble keles Yee Meesteeve ceeeve, Jev DeDokelej DeDDee³eece ka Devonej ekaW leg Je#eeW keles Gtpe eJ³eeW keles nW uelag Jevestipe Gtpeo mece^{er}ee ie³er, Deleed Fmecal Jev³eepeede ka mej#eCe magfoM^{er}ele keler ie³er-

Hanee DeDDee³eece DeDemef^{er}ele #eeW keles ef³eece nW ueeiet nW Deaj GmeceW meYer Hekoek ka uelag Jevestipe eJ³eeW Hej mJeeceJe kele DeDokelej ieece meYee keles Heoive eka³ee nW peyeekal Jev DeDokelej DeDDee³eece, pees omle ka meYer #eeW keles ef³eece ueeiet nW en leeeDekeleefj³eeW keles Hefj chafj ka jAHe mes meheer le- “uelag Jevestipe GtpeoW Hej DeDokelej Heoive eka³ee nW Deleed pees Jevestipe Hej chafj ka jAHe mes meheer le eka³ee verneK peete nW Gme Hej Jev ef³eece Yee Dehtvee DeDokelej keler oJee kaj mekaIer nW

oereW Hane Deaj Jev DeDokelej DeDDee³eece Jev mehoee ka mej#eCe Deaj Hyeðeve Hej cenJe ef³eece nW omejs MeyoedW keles ef³eece caW mameOeevedW ka DehteseCe^{er}ee Deaj ef³eeceW keles Gt³eeise keler J³eeJemLee verne nW- Fme Hekoek, Fve mehoee DeW keles mece^{er}eele mej#eCe Deaj Hyeðeve meheer ef³eece peve mece^{er}eeW keles Gt³eeise Je yee peete nW

Hej chafj ka mej#eCe Deaj Hyeðeve efede³eeW keler mece^{er}eeSb

He^{er}ee keleue caW peye Jev Gtpe eJ³eeW Hej J³eeJemeeBekal oyeJe Jeleeeve keler legueve callyenye kelee Lee, Ieye iaj -kale-p Jevestipe (Sve. i er Sth. Hej) DeleLee Je#e H³eepeede³eeW keles mej#eCe leLee Gmekoher Gef^{er}ele H³eeise ka ef³eece H³eeise/ef³eece J³eeJemLee ves j nles nS Yee ef³eece keles Ceellmes Fme ef³eece caW ceo ef³eece leer Leer Jes nQ e-

mece^{er}eeBekal-meheerkeleka ef³eece e peedeJeeo ves Jev mechoe ka Gt³eeise caW SkaI cenJ JethCaI Yeb^{er}kele ef³eeceF^{er} nW- Gme mece^{er}ee SkaI ef³eece mechoe³ee ka ueeise ef³eece kelee kaj Ies Deaj SkaI mechoe³ee ka ueeise omejs mechoe³ee ka kelee verneK kaj Ies Les kepeedeW GveceW mece^{er}eeBekal Deaj OeeBekal ef³eece kelee Yee Lee- Goernj Ce ka ef³eece, Deest^{er} Mee caW ueeKe mairin Deaj Gmekoher Hamekaj Ce kelee kelee ka Jee ueeKej e/mak^{er}eej er mechoe³ee ka ueeise nW kaj Ies Les- HaluemJej AHe, Jevestipe eJ³eeW keles mairinCe meesteele ueeideW Jee nre Lee Deaj Jev Hej kelee oyeJe Hef^{er} Lee- mJelhelee ka yeeo, ³er peedeielee mece^{er}eeSB Oeaj s-Oeaj s-mece^{er}ee mes Dehtvee DehtleJe Kes ef³eece Deaj Dev³ee peede ka ueeise Yee Fme H³eeceW Deeves ueeies- Fme ueeS, ueeKe J³eeJemee³ee Hej oyeJe yee e, kepeedeW ueeKej mechoe³ee ka ueeideW keles meLe meLe Dev³ee mechoe³ee ka ueeise Yee ueeKe J³eeJemee³ee kaj ves ueeies-

1. ef³eece Dehtveer callbrushwood Mayo J³eeJemee³ee keler nW nW mepekele oes Deleatn^{er} 1. Hef^{er} ef³eece keles er/ Ieaz^{er} er/ ef³eece nW nW mece^{er}ee³ee [euer (peeso ekele mesueskej) F^{er}ve ueekae^{er} er ka ef³eece meYer Gt³eeise keler peete nW]; 2. Ieye Peaz^{er} peete - ³er mece^{er}eeBekal kele verneK keles keles Gt³eeise nre uee³ee caW nW Fme ueeS Helece Deleat callher Fme Mayo keles J³eeJemee³ee Gef^{er}ele Hef^{er}ele nre nW

2. Iamej (tussar)

Ooedokoh dte-De e DeeeDeer ka jAHe cellWDeLeLee Dev^{3e} GHe^{3e}de ka dueS pe^{3e}er-yeti^{3e} eebDeLeLee otnejs Jev GHeo eJ^{3e}edWka mahnCe Hej Meemte^{3e} dte-De Lee, pameska meymesHnuusJee kalerHepe kajvee, edeMese edeLe / mee^{3e}e Hej mahn kajvee, Deedo- HhuemJehAHe, peye^{3e}ens pameerF^{3e} e nes mahn Hej Ooedokoh HahleyedWka kolejCe Jev maho Hej kalce oyeJe H^{3e}Lee Lee-

Hej chej ka HLeSDe e kaF&J^{3e}JemLee^{3e}H^{3e}e meYee maho^{3e}e ka ueedWka dueS Ska HLe DeLeLee jaele-efJeepe yee ieF&Leer Deej GmesDeveesmesHkokaheka mahoDeedWkahej mej#eCe eteuelee Lee- GoenjCe ka dueS Yeejtee Hejchej ka Devageej mejmJeleerHepe kajveska yeeo neryej Kee^{3e}ee peelee Lee, Himeo ka jAHe cell^{3e}ee^{3e}ee peelee Lee- mejmJeleerHepe ka mee^{3e}e Hkokahej yej eteuelesn^{3e} epame yej kalce KeevesmesKedmeer neveskaler m^{3e}eeJeeve kalce jnTeer n^{3e} Gmekal Deuelee yeepe H^{3e}Hej kaler neveska kolejCe menpe mesH^{3e}ejAlHbeove nesmekalee n^{3e} r^{3e} Heeme^{3e}ee ka kaF&DeedoJee^{3e}#edeWcaJemes n^{3e} Deee Kee^{3e}ee peelee Lee, ekallegpeye Deee^{3e}ej kaler J^{3e}Jeme^{3e}ee yee^{3e}e, Ieye DeH^{3e}ejHkale Deee mahnCe ka dueS He^{3e}edulee jaele efJeepe kaler GHe^{3e}ee kaler ie^{3e}er Deej H^{3e}ejAlHbeove Heveedete n^{3e}Dee (Tel^{3e}e meape^{3e}e : ‘duet^{3e}’, peicoalt^{3e})-

Meemkalee Hahleyede e edyefi Me kahuu cellWDeDekakale Jev #ede meecaleer Meeme ka Delletike Les- Jev veedle Tel^{3e}e H^{3e}edive J^{3e}JemLee ueed kajveska ceceuescellWmeemkaleeCe yenej kajveej Les- Devokaj jeepe Deej pececeej ellves cel^{3e}eJeeve Jevet^{3e}pe eJ^{3e}edWka kaF&Hkokahej kaler Hahleyede uee^{3e}er Lee- Fve dte^{3e}eeedWkahe Guu^{3e}edive kajveskaler meenme ueedcellWvenakLee- mJeleedee ka yeeo ueedWkahe mJeeDee^{3e}ee eteueer Deej meecaleer J^{3e}JemLee meecalee kajvee oer ie^{3e}er- Jev DeedJekaler jAHe mes OJem^{3e} neves uee^{3e}e epamecellWmagH^{3e}er dMekalej Yee Meed^{3e}ee n^{3e} (kaF&#edeWcaJemej kolej Uej^{3e} Devageas^{3e}le J^{3e}Jeme^{3e}eepeka kaH eF&Yee Jev OJem^{3e} ka dueS kajvee celee cellWpececeej n^{3e})-

peye iedde ka Deeme-Hame JevellmesF^{3e}edee uekaka^{3e}er, lej Tel^{3e}e kaler Deapeej dMekaleer uekaka^{3e}er eteueves cellWdeMese Demag^{3e}Dee n^{3e}f&Ieye kaF&iee^{3e}Jee^{3e}er mJes^{3e} etHkokahe Jevellm^{3e}er mej#ee kajves uee^{3e}es- Deed^{3e}eeke mesmyedle eteuelee n^{3e}weka Jee^{3e}1940 ka omekal ka oej^{3e}ee DeLeLee. FmamesHnuusmeecape^{3e}peka Jev mej#ee ieddeedee^{3e}ee^{3e}Deed^{3e}ee Mee cellWmag^{3e} nes^{3e}ejaler Leer^{3e}- 1970 Deej 1980 omekal ka oej^{3e}ee Jev mej#eCe ieddeedee^{3e}ee^{3e}J^{3e}edWka jAHe mesH^{3e}ueer- Jetevee omle ka Dev^{3e}e YeeedWkahe lej n^{3e} Deed^{3e}ee Mee cellWYear Ska mag^{3e}Leeete meecape^{3e}peka Jev mej#eCe Deej H^{3e}edive (Community Forest Management) He^{3e}edle He^{3e}edulee n^{3e} ekallegFme H^{3e}edive kaler J^{3e}JemLee cellWmeetele cellWveedWkahej mej#ee n^{3e}er kaj^{3e}e kaler^{3e}Lee- ueekalve, mej#ee, H^{3e}edive, mej#eCe Deej edekaleme - ^{3e}esme^{3e}e Ska venekn^{3e} uee^{3e}e Jev kaler mej#ee Iees kajvee mekales n^{3e} ekallegH^{3e}edive J^{3e}JemLee Fme mes Deed^{3e}ee kajvee n^{3e} H^{3e}edive J^{3e}JemLee cellW^{3e}eeve jnlee n^{3e}weka Jev cellWke^{3e}ee Deej ekalveer celee cellWn^{3e}Deej n^{3e}eej er Deed^{3e}ee^{3e}eekelee ka^{3e}ee n^{3e} ka^{3e}ee kajves mes n^{3e}eej er Deed^{3e}ee^{3e}eekelee^{3e}WHej er n^{3e}lber Deej Jev kale vejelmevee venekne^{3e}ee Deej Jev kale edekaleme nee^{3e}- Jev cellWog^{3e}ee GHe^{3e}eej er Jee^{3e} Hepeedle^{3e}eeWkaler mek^{3e}ee yee^{3e}er, iejeye Deej ce^{3e}ueedWkahe Demag^{3e}Dee venekne^{3e}er, Deedo Sines kaF&edee^{3e}eeWHej ede^{3e}eej kajvee n^{3e}er H^{3e}edive ^{3e}eepevee Deej dte^{3e}ee yeeves n^{3e}-

kaF&meecape^{3e}peka Jev mej#eCe Deej H^{3e}edive He^{3e}edle^{3e}eeWcellW uekaka^{3e}er kales kall^{3e} kajvee yee^{3e}er ie^{3e}er H^{3e}edive J^{3e}JemLee Deed^{3e}eekele jAHe mes kaler kajvee n^{3e}er Deed^{3e}eekele mee H^{3e}ee kaler vee cevee n^{3e} ekalve uekaka^{3e}er uees mes Devageedle eteue^{3e}er Deej ekalveer celee Iekal Devageedle n^{3e} Gmekal dueS ekalveer Ovejed^{3e}ee Yeejevee kajvee nee^{3e}, Deedo- uekaka^{3e}er ka Deuelee, Dev^{3e}e Jevet^{3e}pe GHeoedWka H^{3e}ee edeMese O^{3e}eeve venek^{3e}ee peelee n^{3e} kalnek^{3e}kalnek^{3e}eeve Hej kajvee dte^{3e}eeCe nesmekaleer n^{3e}-

Fme mee^{3e}ee uekaka^{3e}er ka Deuelee Dev^{3e}e Jevet^{3e}pe eJ^{3e}edWka mej#eCe ka meele meele Gveka edekaleme ka H^{3e}ee Yee O^{3e}eeve ed^{3e}ee peavee^{3e}ens ka^{3e}edWka edeMese jAHe mes ceemece H^{3e}ej Jete^{3e} Deej yee^{3e}ee ka peavee kaH eF&ka kolejCe i^{3e}ej-kale-p Jevet^{3e}pe GHeoedWka GHeove Deej Deekolej cellWke^{3e}er Dee jner n^{3e}Deej kaF&Jev GHeoedWkahe i^{3e}ejedlelee Ie^{3e} mekaleer n^{3e}- Fmekal Deed^{3e}ee kalle, Jev Deed^{3e}eekele Deed^{3e}ee^{3e}ee-2006, pele ede^{3e}eeDee Deed^{3e}ee^{3e}ee-2002 Deej Hame Deed^{3e}ee^{3e}ee Deedo He^{3e}ee^{3e}ee^{3e}ee Hej ee^{3e}ee jAHe mes Jev mahoDeedWkahej mej#ee^{3e}ens n^{3e} Fve Deed^{3e}ee^{3e}eeedWkahe Devageej meecape^{3e}peka Jev mahoDeedWkahe mJeeDeed^{3e}eekele epave meecape^{3e}ee kales eteue^{3e}ee, Gve ka dueS Fme mahoDeedWkahe G^{3e}eele Deej melele H^{3e}edive ^{3e}eepevee Deed^{3e}ee^{3e}eekele n^{3e}- Deed^{3e}ee n^{3e}ee Deieues DeO^{3e}ee^{3e}ee cellWmeecape^{3e}ee Hej Deed^{3e}eele melele ueleg Jevet^{3e}pe H^{3e}edive ^{3e}eepevee^{3e}ee^{3e}eevees kaler edeDe Hej^{3e} ee^{3e}ee kajvee

ueleg Jevet^{3e}pe mechoe H^{3e}edive edeDe

3. omle kaler kajvee Dev^{3e}e H^{3e}ee cellWYear Fmeer lej n^{3e} ee^{3e}ee^{3e}ee Dev^{3e}e J^{3e}JemLee (pameska GHeoedWkahe kaler Jev H^{3e}ee^{3e}ee) ka Delletike meecape^{3e}peka Jev mej#eCe Tel^{3e}e H^{3e}edive Mag^{3e} n^{3e}f&Lee-

• mecape^{3e} Hej DeeDeefj le melele Svei eSHaAHer HeyeDeve ^{3e}eepevee leWeej kaj ves keler eDeeDe

Jeve meji #ekal mecape^{3e} / Jeve DeeDekolej Oeej ka DeHves eRe^{3e}alleCeeDeare Svei eSHaAHer meheDeveeWkaler meLekele Deej J^{3e}eeJeneefj ka melele HeyeDeve ^{3e}eepevee yevees ka eueS veer^{3e}DeejKe ceWJeeCete HeBe ^{3e}ej Ce^{3e}ee eDeeDe^{3e}eeWkales mJeekelej kaj mekaItes n⁰ kaj DeMe Iekal Gve eDeeDe^{3e}eeWkales Year Jeve HeyeDeve ^{3e}eepevee ka meLe meLe Heefj eMLeekal HeyeDeve (eco-system management) ^{3e}eepevee yevees ka eueS Year mJeekelej eka^{3e}ee pee mekaItes n⁰ epemekaler Ska ehmme Svei eSHaAHer HeyeDeve ^{3e}eepevee nes mekaItes n⁰

• Henuee ^{3e}ej Ce e Heefj eMLee^{3e}eeW keler eDeeMueseCe (Situation analysis)

meymes Henues n⁰ceW Svei eSHaAHer meheDeveeWka GH^{3e}eeie keler eDeeDeJed Deej Deet^{3e}eeefj ka ce^{3e}eekevee kaj ve ^{3e}eehS, pames eka ka^{3e}ee ka^{3e}ee Jeev^{3e}eepe meeceier meliehn le nes n⁰ ka^{3e}eeW Deej eka meka Uej meliehn le netee n⁰ ^{3e}ee meliehn ka eka me Pa^{3e}eeer ka n⁰ (pames eka iej eye, ceehuee, pevepeele^{3e}ee kelyeeueeF & meech, Deeb) Deej Fmeer Hej keler n⁰ Iekal Deej ka^{3e}ee WeeVegJ Meue n⁰ keler kaj lee n⁰ (mecape^{3e}/ meech/J^{3e}eekele; eJ^{3e}eeveeje), ka^{3e}ee Fmekal eueS Gvekele Smee keler F & keler veer DeeDekolej / eDeeMeseDekelej / Hej chefj ka DeeDekolej / i ti n⁰ ka^{3e}ee Sme meliehn Ce mes eka meer Ska Jeve mehe ^{3e}ee Hej e Hepeeele^{3e}eeW Hej keler F & Hele eka me HeYeLe He^{3e}ee lee n⁰ Jeve mehe kaler j n⁰ le n⁰ (ve^{3e} netee n⁰ ^{3e}ee YeDe^{3e}ee ceWve^{3e} nes Jeeue n⁰) DeLeJee ^{3e}ee Jeev^{3e}ee eJ^{3e}ee meliehn le netee kaj He^{3e}ee j n⁰ le n⁰ lees Fmekale kelej Ce ka^{3e}ee n⁰ F^{3e}eeeb)~ Fme eDeeMueseCe keler GTM^{3e}ee n⁰ HeyeDeve ^{3e}eepevee Hej HeYeLe ^{3e}ee eueves Jeeues ka F & ce n⁰ JeeCe^{3e}ee e^{3e}ee keler Hen^{3e}eevee~

• omeje ^{3e}ej Ce e meheDeveeW keler Deekeluve (Resource inventory)

Deye n⁰ceW DeHves Jeev^{3e}eepe eeDeeWceW n⁰ GHueyDe Jeev^{3e}eepe GH^{3e}eeW keler Deekeluve kaj ve n⁰ meLevee Jeev^{3e}eeW ka^{3e}ee Jeev^{3e}eepe GH^{3e}ee eueves n⁰ (meliehn / GH^{3e}eeie keler O^{3e}ee eka^{3e}ee eJeeve), Fveka He^{3e}eeW He^{3e}ee s (eJ^{3e}eeveeje) eka me eMLee ceW n⁰ (yer^{3e}ee i e^{3e}ee ye^{3e}ee He^{3e}ee, ceO^{3e}eece Deekolej keler He^{3e}ee, GH^{3e}ee T / iej - GH^{3e}ee T, ^{3e}ee DeLeJee Hej eves Deeb), He^{3e}ee keler Hepeeele^{3e}eeW keler Jee^{3e}ee keler Deevegeeekele GH^{3e}eeve #eelee (mek^{3e}ee ceW eka le eue, eka. iee. / i ve, ^{3e}ee He^{3e}eevee ye^{3e}ee ueeW ka Deekolej ceW n⁰ lees He^{3e}ee keler ye^{3e}ee ceW Gme eJ^{3e}ee keler mek^{3e}ee leLee Deekolej) eka le veer n⁰ eka me keler meliehn Ce J^{3e}ee Jeevee eka He^{3e}eepevee ka eueS n⁰ eka me keler le j uet keler ka eueS netee n⁰ Deej eka me keler oseeW ka eueS netee n⁰ eka me Hepeeele^{3e}eeW (Jee^{3e}eeW keler mek^{3e}ee) ^{3e}ee GH^{3e}eeve ee^{3e}ee ues yeame/leame Jee^{3e}eeW ceW ye^{3e}ee e n⁰ ^{3e}ee le i e n⁰ eka le vee ye^{3e}ee n⁰ ^{3e}ee eka le vee le i e n⁰ keler mee uee^{3e}ee nes i^{3e}ee n⁰ keler mee Jee^{3e}ee oye^{3e}ee nes i^{3e}ee n⁰ keler mekaItes e^{3e}ee DeJemLee ceW n⁰ keler Demeg eHee (vulnerable) nes i^{3e}ee n⁰ Deeb~ Fmeme n⁰ ceW YeDe^{3e}ee ceW n⁰ ce^{3e}ee HeyeDeve ^{3e}eepevee ceW eka me Hepeeele^{3e}eeW eDeeMese O^{3e}eeve oses keler pej Aj le n⁰ Gmekaler Hen^{3e}eeve ceW ceo euevee~

^{3e}ee eDeeMese O^{3e}eeve oses keler pej Aj le n⁰ eka le oseeW keler vece meevee nes n⁰ Year, Ska omej s mes keler HeDee nes mekaItes n⁰ Deej Deueie Deueie vece nes n⁰ Year oseeW keler n⁰ Hepeeele keler nes mekaItes n⁰ FmeueS, mener Hepeeele^{3e}eeW keler pevees ka eueS Jee^{3e}eekele vece keler DeeJem^{3e}eekele n⁰ oKees ceW meevee ueieles n⁰ eka le eHeve Hepeeele keler nes ka kelej Ce i eDeeDe ceW Deueie Deueie nes mekaItes n⁰ eHej, ee^{3e}ee Deej peueJee^{3e}ee ceW Hej Jeele keler kelej Ce Ska Hepeeele keler He^{3e}eeW Deueie Deueie meLevee ceW n⁰ veve eHeve i eDeeDe eDeeMese HekeIti kaj mekaItes n⁰ FmeueS, He^{3e}eeW kee peeDeeW keler Hen^{3e}eeve Jee^{3e}eekele He^{3e}eeve nes n⁰ ce^{3e}ee~ Goenj Celee oKees ceW Deueie ueieles n⁰ Year meheDee (*Rauvolfia serpentina*) Deej ye^{3e}ee e^{3e}ee keler (*Rauvolfia tetraphyla*) Ska n⁰ Hej Jeej ka n⁰ peyeekele Gveka i eDeeW ceW kaj i Hekele Year He^{3e}ee pelee n⁰

• leemeje ^{3e}ej Ce e GH^{3e}eeve leLee Hej eJ^{3e}eeve keler DeO^{3e}eeve (Yield & regeneration studies)

Fme ^{3e}ej Ce ceW n⁰ ceW n⁰ veve ueeJeev^{3e}ee meeceier GH^{3e}eeve kaj ves Jeeues He^{3e}ee - He^{3e}eeW keler GH^{3e}eeve #eelee / meeece^{3e}ee keler Deekeluve kaj ves ka meLe meLe Gveka Hej eJ^{3e}eeve #eelee Deej meeece^{3e}ee ka^{3e}ee n⁰ Gmekale Deekeluve Year kaj ve n⁰ pames eka, ^{3e}ee n⁰ oe (*Terminalia chebula*) meLevee pebeve ceW euevee n⁰ Deej Gmekaler De^{3e}ee er ce^{3e}ee n⁰ eka le eJ^{3e}ee GH^{3e}eeve Ueme nes j ne n⁰ lees eka le ves n⁰ oe He^{3e}ee ye^{3e}ee n⁰ eka le ves i e^{3e}ee n⁰ eka le ves ceO^{3e}eece Deekolej ka n⁰ Deej eka le ves He^{3e}ee Hej eves n⁰ eka le ves He^{3e}eeve n⁰ Ska He^{3e}ee keler Deevegeeekele Jee^{3e}eekele GH^{3e}eeve #eelee eka le veer n⁰ ve^{3e}ee He^{3e}eeve keler nes n⁰ (ye^{3e}ee eHej ves ka ye^{3e}ee Gvees Jeeues He^{3e}eeve omej er le j eka le mes eHekeles), Hej eves He^{3e}eeW keler legueve ceW ^{3e}ee Jee^{3e}eeW keler mek^{3e}ee eka le veer n⁰ Deeb eDee^{3e}ee mecePevee nesee^{3e}ee Hej Hekele Jee^{3e}eeW keler mek^{3e}ee yer^{3e}ee n⁰ eka le eJ^{3e}ee Jee^{3e}eeW keler mek^{3e}ee yer^{3e}ee kece n⁰ ee eJeekele veer n⁰ le Jee^{3e}eeve ee^{3e}eeve n⁰ oe euevee n⁰ kaj eDeeDe

ueeJeev^{3e}ee meheDeve HeyeDeve eDeeDe

kañ yeco Jen verekceue mekalee, kañeeKa YeeDe^{3e} e cellHajj Hekale Je#eallCe j peaves kañ yeco Gmekake mLeeve Yej ves kañ dueS He³eallHe Hadeall verek#eall- yeebe kañ dueS Gmekaker vef&kakaeu^{3eall}(shoots) keler meK^{3ee}, Gmekal calue cellHe^{3eall} e ceete^e cellaceEer Yej er mJ&nw^{3ee} verek (kañeeKa He³eallHe eceEer ve nes mes ve^{3e}er kakaeu^{3eab} efekakaeu^{3e}es keler mabeeJeeve kalce nes mekaleer n), kalye Hadee Dee^{3es} Les Deegj kalye Deees keler maVeJeeve nW(kañeeKa Hadee DeevesHej yeebe cej peetes n), Deedo ef-e^{3eall}Hej O^{3e}eve j Keveer nee^{3e}er- Hej ves Hea^e kalce kañ ves mes^{3e}efo Gmekal kañee[mes ve^{3e}er MeeKee efekakaeu^{3e}es nO(coppice ^{3ee} kañee[efekaj Ce) lees^{3er} n O^{3e}eve cellJ Kevee nee^{3e}er akañ Hea^e kalce peceave kañ Heme ^{3ee} Leee^e e THj kañee ve^eeeh³S leeeKa kañee[mes MeeKeeSbDe^{3e}Y er lejn mes Detkañje le nes- p^{3ee}ee THj kañee ves mes De^{3e}Y er Detkañje Ce verek#euee^{3e}- Smeer GHej kañee er ie^{3e}er leee^{3e} GPeer p^{3e}(high stump) keler meK^{3ee} kañ Deekaeu^{3e} kañ yee nee^{3e}er Deegj Gmekakes ve^{3e}s mes kañee ve^e nee^{3e}- Fmemes Gmekaker De^{3e}Y er Jeef< nee^{3e}er- mabeOer pames kajir Headeb efetej-ejetej nekañ GHees nODeegj Hadee Jeie^e ceñ j DeLeJee pames GHe³eallHe ueies Gvekaker Deamelee meK^{3ee} kañ Deekaeu^{3e} kañ yee nee^{3e}- ^{3e}efo ceamece kañ Devegeej efelMese Hakej kañ Headeb#euee^{3e} nO lees ceamece Deekaeu^{3e}er akañ^{3ee} pee mekalee nW- ^{3e}efo Jes efelMese \$eYeg cellpevce nes kaj cej peetes nO lees Je-ee\$eYeg cellkealeves efuee^{3e}es nO^{3e} Meete \$eYeg cellkealeves Gmekake Deekaeu^{3e} kañ yee nee^{3e}- Fmemes akañee \$eYeg cellpe^{3e}s Headeb#euee^{3e} efuee^{3e}es nO Gmekake Helee ueie^{3e}ee leeeKa nce Gme \$eYeg cellmeieñ Ce Hej jakañ ueiee mekalee-

uelog Jevetkepe mechee HeYadeve efede

Pelee E³ej Ce : meieñ Ce HeYeeJe kañ Deekaeu^{3e} (Assessment of harvest impacts)

Fme E³ej Ce cellnce uelog Jev GHeode^{3e} meieñ Ce kañ HeYeeJe kalme j ntee nW(De^{3e}Y e^{3e} yegje) Gmekake Yee Deekaeu^{3e} Deegj efelMesseCe kañ Ws- Deegjer ueloo (climber) oñee s Hea^e-Heade^{3e}Hej pecekaj j ntes nO pamees Hea^e keler mJemLe efekame verek nes mekalee- ^{3e}efo oñee j alkales nee^{3e}er Hen³e³eves Jeeves Smes Heade^{3e} alkales kañee do^{3e}ee pae³ lees Jeeve Hej Gmekake kafe³ & HeYeeJe verek Hea^e lee nW- pees ueloo S BHea^e kañ efekame kalce jakañ mekaleer nD Gvnln³ e^{3e}ve yeeñe nes mekalee nW- Hej ilag kajir Hepee^{3e}e^{3e}eb efyeukajue GHe^{3e}e^{3e}er nes mekalees nO Deegj mene^{3e}akañ Je#eallke efekame cellnee^{3e} verek Hen³e³e^{3e} nO Fme^{3e}ueS, Jee Jedote Dee^{3e}e^{3e}ee kañ ogj eve Gvnln³ e^{3e}ve verek peevve^{3e} ee³h³S- tekt keler Pee^{3e} kañ ef&(bush cutting) me^{3e}eej Celee Skañ mekelej efcekañ HeYeeJe nW- Fme kañ ef&mes GHee^{3e} Deegj iefeeJee lee yee^{3e} ves cellceoo efuee^{3e}er nW- tekt Helee meieñ Ce kañ kafe³ & nee^{3e}er kañ HeYeeJe verek nW- Heaj Hekale yeebe (leee^{3e}/e^{3e} Je-ee^{3e}ke) kalceve kañ ves mes Heade^{3e} HeYeeJe Hea^e lee nW- Fme lejn keler yeebe Detveer ca³ lee Kees o^{3e}er nW Deegj peh^{3e}ue cellDee^e Hee^{3e}ves keler De^{3e}Y er mee^{3e}ve nes mekalee nW pees Jeeve kañ dueS Deeh^{3e}lekañ nW- akañ teg kañ^{3e}er yeebe Deegj Gmekaker kakaeu^{3e}e^{3e} keler kañ ef&yeebe kañ Hadee Deeh^{3e}lekañ nW Gmemes yeebe keler Jeef< efjeie^e peeleer nW Deegj GHee^{3e}ve #eece^{3e} kalce nes peeleer nW- í eue kañ yee^{3e} kañ meieñ Ce kañ kañee Ce oñee kañ Devekka Yee^{3e} cellceee uekaka^{3e} er (*Litsea glutinosa*) Deegj *Persea marcrantha* pameer Je#e Hepee^{3e}e^{3e} cell keler emLeele mekale efave DeJemLee cell nW Deegj efuee^{3e}He kañ kañeej Hej Hen³e³e ieF&nw- Gmeer Hakej DeedeKa calue meieñ Ce kañ kañee Ce me^{3e}ab^{3e}ee keler emLeele yeg er lejn mes HeYeele nW- uelog Jevetkepe e³e³e³kañ meieñ Ce mes Detveer Hepee^{3e}e^{3e}Hej efekame Hakej HeYeeJe Hea^e lee nW Fmekal meele meele Jeeve Deegj Jeeleeje Ce Hej efekame Hakej kañ HeYeeJe Hea^e lee nW (pames akañ Dav^{3e} Hea^e-Heade^{3e}Jev^{3e}eepee^{3e}Deegj He^{3e}eeje Ce kalce kalmes HeYeele kañ yee nW kañee kajir efelMee³ Jev^{3e} Hade^{3e} cell/ Hee^{3e}e^{3e}allkañ Kee^{3e} cellkeceer Dee peeleer nW kañee Fmekal kañee Ce ceeeJe- HeMgk^{3e} yee^{3e} me^{3e}e^{3e} yee^{3e} peeleer nW kañee yebj Deegj peh^{3e}ueer me^{3e}ee pames peh^{3e}ueer peevje^{3e} allkale GHe^{3e}Je Fmeer kañee Ce yee^{3e} peeleer nW? Jeeve Hej efelMese Deveye^{3e} j Keves Jeeves meieñ kañ peevetes nO akañ Jeeve cellkeame mee peev^{3e}eej kañee Keelee nW- ^{3e}efo akañ me^{3e}er Heade^{3e} akañ me^{3e}er Jev^{3e}eepee^{3e} kañ Hee^{3e}ee Kee^{3e} nW lees Gme Hea^e kañ Fueekañ cellHeade^{3e} ueiee^{3e}ee Hea^e í ee leeeKa Heade^{3e}allkale meieñ Ce ve nes mekalee- Fme^{3e}ueS Jev^{3e}eepee^{3e}allkañ dueS Det^{3e}Hele Hea^e allkales veje^{3e}meeve ve Hen³e³e Gmekal Hade^{3e} O^{3e}eeve osee Deee^{3e}M^{3e}ekañ nW- Jev^{3e}eepee^{3e}allkale Kee^{3e} me^{3e}e ve³ nes mes JemJeef< jakañ mekaleer nW DeLeJee Jes ceee^{3e} Hej Deekae^{3e} Ce kañ mekalees nO Fme^{3e}ueS yebj - meleer kañ GHe^{3e}Je yee^{3e} j ne nW Deegj mabe^{3e}ete meieñ kañ Deegj oñee s í eece^{3e} cell kalce kalmes HeYeele kañ yee nW (pames ueeKe meieñ nee^{3e}er nW Hej ilag Jeeve efelMese kañ Heade^{3e}allkañ kañee Ce ueeKe J^{3e}e^{3e}ee^{3e} cellkale veeF&Dee^{3e}er nW Deegj Dav^{3e} me^{3e}lee^{3e}allkales kalmes HeYeele kañ yee nW (pames He^{3e}ee^{3e} me^{3e}leeve Jevetkepe meieñ Ce keler ueeFmele Hee^{3e}ve kañee kaj j jepemee kañ j Añ cellkañ Deee kañ yee nW DeLeJee kañee kafe³ & Heme^{3e}kañ Ce FkaleF&mlee^{3e}le nD ee nW DeLeJee kañee kafe³ & m^{3e}e^{3e}er mene^{3e}ekañ mecañ/ meñkañee er me^{3e}ee^{3e} mececañ kañ j Añ mes efelMese kaj iegj - kafe³ Jeeve GHee^{3e}allkale J^{3e}e^{3e}ee^{3e} kañ yee nW Deedo kañ Deekaeu^{3e} kañ yee nee^{3e}- efelMese j Añ mes peue^{3e}ee^{3e}eg Hej Jee^{3e}ee keler emLeele cellFme Hakej Heade^{3e}allkale emLee^{3e} cell nW eepee^{3e}ete j nves Jee^{3e}ee^{3e} Hepee^{3e}e^{3e}allkañ kalce Hen³e³e^{3e}ve, Gvnln³ #ee Hee^{3e}ve kañ yee, Deegj Gvekaker JemJeef< kañ yee ceñ JeeH^{3e}kañ nW-

Heelpjeeb'ejCe : mece^{3e} mece^{3e} Hej elreijeveer Deej melienCe Hej elre³elleCe (Periodic monitoring and harvesting adjustments)

Gh³edjalle 'ej Ceallmes Deiej ^{3e}s Helee 'euce ekah edeYewo Hakelej ka JeevtepedlWka melienCe mes edeYewo Hakelej keler Je#e Hipeedle³edlHej Heleekalue HeYeje Hej Lee nW DeLelee ceapebe Gllheove He³edlle vene³nW^{3e} eblaj Yeel^{3e} ka elueS He³edlle Hej vene³nW lees Gmes C³ka cell j Kekal j ncellmelienCe Hej kaF&HalleYedle ueieeve neise epenemes melienCe Hej elre³elleCe j Kee pee mekalt^{3e} Deej Heleekalue HeYeje kahes yab ekah^{3e} pee mekalt^{3e}- Fme HalleeYebe kale DeDeej ke^{3e} neise, Gmekaler 'e'ek Deieues De³ee^{3e} cellneiseer- ^{3e}ed Smeer HalleeYebe Hipeedle³edl kahes ye'eves Deej Hapepedlele kalj ves cellHe³edlle vene³nW lees kohellece Ghee^{3e} mes Gllheove kalj ve neise DeLelee Je#ej edCe kalj ve neise- ^{3e}smeye Skah HeYejeer dreijej eever edeDe mes nW mede nW kaJewe elre^{3e} yewe oves mes kekece vene³nW, Hej llognceboKeeve neise kahneBleka HalleeYebe HeYejeer / Gh³ee^{3e}er nQ Deej ^{3e}ed HeYejeer / Gh³ee^{3e}er vene³nW lees DeJem³ekah mece#ee kalj ka eldehalee ka kolej Ce kahes Han'eeve kalj leovegeej j Ceveedle³edl cellmelienCeve kalj ve neise- Hipeedle³edl keler edeYewotee ka Devegeej dreijej eever keler dfevelte nes mekalt^{3e}er nW pames ekah meue He lles keler dreijej eever edeDe elceener cellkalj ves mes ueYeoe³ekah nes mekalt^{3e}er nW kaF&HalleYebe Fmekale melienCe Hej s Je-ek'Yeje neise nW otnej er Deej lobb He lles keler dreijej eever Skah Je-ek'cellSkah yeej nes mes Yeer 'eueiseer ka³edlWka ³en Skah edeMese ceamece cellneiseer nW Fmekah Deueeje, Je#ej edCe Deej Hej -HalleYebe medeOake pameer Jave edekaheme iedleedle³edl Jave meheOveedlWkeler yen le j me j #ee cellmene³elee kalj mekalt^{3e}er nQ

ueleg Jeevtepedl mecht^{3e} HeYejeve edeDe

ka³ir edeMese O³eve oves Jeeueer yeelW³e

- Fme ^{3e}epvee ka madYe&cellmedeDele mece^{3e}edl kahes edeYewotee yeelW³e O³eve oves keler pejjAle nW
 - ↪ Hej Ye cellnW ncellW'en le^{3e} kalj ve neise ekah ³en meJ#eCe / edeMeseCe / ^{3e}epvee GhueyOe meYeer Hipeedle³edl keler iaj -kale-p Jeeves GllheoveWkale De³ee^{3e}ve ka elueS kalj Ws^{3e} ekalmeer edeMese Hipeedle³edl ka elueS kalj Ws (pees cen lJethCe&nW Deej peuoer 'eehS)- ^{3e}ed ncejs cevele leLee Deedleka meheOve meceete nW leye ka³ir Heleedle³edl Jeeueer Hipeedle³edl W³e O³eve ed^{3e} pee mekalt^{3e}er nW
 - ↪ ncejer ^{3e}epvee cevele meheOve Deej Deedleka mece^{3e}ekah kales O³eve cell j Kekalj yeveer 'eehS-
 - ↪ ^{3e}epvee keler Yee-ee nLveepe Yee-ee cellnveer 'eehS, leedka ueeie menpe mes mecePe mekalt^{3e} edaj Yeer kales^{3e} meej edle (Executive summary) Delepeer Yee-ee cellvee^{3e} pee mekalt^{3e}er nW
 - ↪ ^{3e}edle ³en ^{3e}epvee Jave Yette ka elueS yeveer nW leedle Jave ka yeer j GhueyOe cen lJethCe&Je#e Hipeedle³edl ka elueS Yeer Fmekaler edeMee nes mekalt^{3e}er nW cenQDee, Fceueer leLee kalmee pames Je#e iaj -JaveYette cellYeer oKees kahes edeueles nQ Deej drepeer Deedlekelej keler Yette Hej j ns Je#edlHej Yeer edeMese O³eve oves 'eehS- Oeave Kete DeLelee veeue ka ekehej WkaF&DeeueePe HeallGieles nQ DeJem³ekah nes lees Fme ede-^{3e} Hej J³eJemLee kalj veer neiseer-
 - ↪ Fmekah Deedle³edl keler Dev^{3e} ka³ir ede-^{3e}edl kahes peed^{3e} ves keler mej kolejer ^{3e}ee koleveer DeJem³ekalt^{3e}er nW lees Gme Hej Yeer He³edlle jAle mes ede'eej ekah^{3e} peeve 'eehS-
 - ↪ ³en ^{3e}epvee yeveles mece^{3e} Jave melienCe edeMese³edlWka Hej chedj ka 'eeve Deej Devyeje kahes Dehve^{3e}ee peeve 'eehS, DeJem³ekah Jekedrekele C³ka kahese Yeer Dehve^{3e}ee peeve 'eehS- ueedlWka Devegeej kolep iagej (*Ficus hispida*) Hej ka Halue vene³nW nQ ekalt^{3e}eg Jeemlele celliegej Halue ka Debj Skah Halue neise nW 'eeve Hej chedj ka nes ^{3e}ee Jekedreka, peye ncellmece^{3e} ^{3e}ee Gwele yevele nW leye Gmes ienCe kalj ve 'eehS- Jekedreka C³ka mes Dege ^{3e}ee jeue (Sal resin) Je#e kale ceue nW^{3e}ee Jep^{3e}ek'Jemleg nW Hej llogncejer Hej chedj e Gmes yeer er Pe-xee ka mele oKeler nW epemekah kaF&DeeDeej nW Deej ^{3e}es C³ka ceue ka jAle cellWoKees keler C³ka mes edeM³e yen lHej nW
 - ↪ ^{3e}edle Hepe 'ej CeallWkale Guueke ekah^{3e} ee i^{3e}ee nW edaj Yeer Jeemlele cellOes^{3e} ee oves mes Deedleka 'ej CellSkah mele J^{3e}ernej ^{3e}ee^{3e} nW (#ede' cell (pames otnej e, lemeje Deej 'eal^{3e}ee)- ekalt^{3e}eg Hej h^{3e} & kahcevegeej yeveer 'eehS leedka Skah Gh³edjalle ede-ka-ek'Hej Hen'eeves cellmene³elee edeueiseer-



☞ 3eDo Heliidkake melien nese niw leeskelaseue Heli le3eWDeaji kaldu3eab lea3e vee yab kajj vee neise epememes Heliidkakekafnele nes mekall- yekalje Deaji yekaljer 3es kaldu3eab Deaji kelaseue Heliidkakes n0pues Jeve kab dueS nedrekelej kab niw- FmeudeS pebeue celliyekaljer 3ej eF&Hj Haliyede ueie3eer peeler niw (jLe, 2008)-

☞ 3eDo Haliue melien eka3ee peele niw lees kajj kaldu3eab Deaji Haliue FOej -GOej (edeeYewe doMeeDeelWaj) i e3e vee 3eethS leekal Haliueellmes yeape GIHeove eka3ee pee mekall (jLe, 2008)-

☞ 3eDo Haliue Skelidete eka3ee peeve niw (3eDo Haliue Je#e mes vees veneRedej lee niw Deaji lea3e peele niw) lees yeape mes Hagee GIHeove kab dueS kajj Haliueellkales edeeYewe doMeeDeelWaj i e3e do3ee peeve 3eethS epemes eka yeape mes Hagepebeue nes mekall eer niw-

☞ 3eDo i eue melien eka3ee peeve niw lees leves kab THj mes vees kaler Deaj efi uekalevee 3eethS Deaj Skal Deaj ner efi uekalevee 3eethS- Deedekaltee Skal 3eethS Yeeie ner melien eka3ee peeve 3eethS- kapekka HeliS Ueje melien te Deernej i eue kab ceo3ece mes calue lekal Hn3elee niw JeHeape Deekalej kab jAHe efi uekales mes DeLelee p3eoe efi uekales mes calue lekal Deernej ve Hn3eves kab kelej Ce H3e cej peele niw-

ienje kati eje yab nese 3eethS- i eue drekeleues kab yeoo, drekeleues ie3es Yeeie kalues HeliS 3ee Yehne mes DeeJeHe nese 3eethS leekal 3en kalcepeej Yeeie kela3e s3ee Dea3e mecam3ee Deellmes ye3e mekall ee niw- epeve Haliueellmes ieeb drekaleues n0 drekaleues ie3es Yeeie H3j leepe ieesej 3ee kela3eW/ H3ak mes DeeJeHe kajj vee 3eethS (jLe, 2008 ; kalar mi ese H3eGI Meve, 2009)-

☞ ieeb dre-kal-e3e kab mece3e 3en O3eave j Kavee neise eka mleeYeedekal #ecele mes p3eoe ieeb drekaleues mes H3e kalar peadeve Dee3eg kalce nes peeler niw Deaji ieeb kalar iageJel lee cellYeer kalceer nes mekall eer niw- epevneles ieeb dre-kal-e3e kab dueS Deedekal kalar jAHe mes Dea3e s3ee Iagj i seka3es n3s kajj ueg3ee kajj e3ee H3e kalcecej Ceemave DeJemLee kale CM3e oKee neise Jes Fme yeete kalce De3i er lej n mes mecepe mekall es n0- 3eDo mLee3eer jAHe mes melien eka3ee peeve niw lees H3e kalce De3i er neuete kall j Kavee neise- cak3elee Meatekaleue kab oejave, dre-kal-e3e kela3e H3e neise 3eethS- Jeevab3eever meliese kajj cej oelme kab Devepeej melien kajj ves Jeeuee J3eekale kalce Dehever TH3eF& kab Devepeej lave kab H3eaa Yeeie H3j 1 3ee 1.5 F3e ienje Skal i o kajj vee 3eethS, Deaji Gmea lej n HaliW3e3eer Yeeie H3j Hn3ues meka3es ie3es i o mes 2.5 H3e TH3j 3ee vees omeje i o kajj vee 3eethS- megen kalar me3e eka3e j CeW H3e e do Mee kab i o Deaji Demlee3eue me3e eka3e eka3e j CeW H3e e do Mee kab i o kalce meka3e kajj mekall ee niw- peye lekal ieeb kalar iageJel lee Deaji ceete cellkaleF&ejejele veneR Deef&niweye lekal ieeb kale dre-kal-e3e eka3ee pee mekall ee niw- 3eDo Skal yeej iageJel lee cellwajejele kale mekall ee (pames ieeb H3euee nese, Deaji dove Haliueove Hejeen cellkalece) ebeuelee niw lees dre-kal-e3e yab kajj e3ee paeS Deaji H3e kalce kajj ebevekkal dueS ebepece do3ee peeve 3eethS- peye lekal kati eF&kale mLeeve Yeje veneR niw yeje lekal H3e mes dre-kal-e3e veneR nese 3eethS (jLe, 2008)-

☞ kajj uel kalar ieeb Skal cen J3eC&Jewe GIHeo niw- epame H3e kalar ieeveeF&leare H3e niw Gme H3e mes ieeb melien Ce kajj vee 3eethS- peceare mes kalce mes kalce leare H3e niw TH3j i o kajj vee 3eethS Deaji ieeveeF&kal e3e meye mes i o kajj vee neise- leare-3ej H3e kalar ieeveeF&kal dueS oes i o, H3e H3e kab dueS leare i o, i e H3e kab dueS 3ej i o Deaji Gmemes Deedekal kalar ieeveeF&H3j Depej n F3e kab Dellejeue cellSkal Skal i o eka3ee pee mekall ee niw- i oellkale Deekalej DeO& JeHekelej nes mekall ee niw Deaji 3eethS eF&kalce mes kalce i e F3e leLee i e j eF&oes F3e lekal nes mekall eer niw- o3ejeS leLee leamejs Je-ekall i o Hn3ues Je-ekall kela3es ie3es i o mes H3e mes ceer- Deedekal TH3eF&H3j nes mekall ee niw- 3eDo H3j eves i o Yejev kalar e3e leale cell niw lees Gme H3j kajj kajj vee veneR 3eethS- 3en oKee ie3ee eka melko efi uekal Jeeves H3e kalar leapevee cell uueue efi uekal Jeeves H3e mes Deedekal ieeb GI mepebe nes n0 (kaleJees iecme, Deobveekalle)-

Dea3e ieeb Hapeel e3e ekkal dueS Deueie Deueie lej eka Deheve3es pee mekall es n0 eka3e gceam uekal dre3e ce meYeer cell uueiet neise (ieeueeF&kal Devepeej i oellkalar mek3ee)-

iegeue H3e kalar ieeveeF&leare H3e ve nes n3s Yeer Gmemes Ge3e ceete cell ieeb melien eka3ee pee mekall ee niw- Fmekal dueS e3e kafelele veF&lekalvee e3e ekkal H3e eka3ee peeve DeeJem3eekal niw Deaji Gwele GI kela3e Ceellkales H3e eka3ee peeve 3eethS- pames eka ' ebe3e ieuape 3eekal', paeS paeS Kece kalce kajj ves cell ceo kajj lee niw (meeDeej Ce 3eekal kalar leapevee cell) (vee3e3ej, Deobveekalle)- SL e3e H3e

(ethophon) Skel Sme j mee³edreka HbeLe&nwpeesHae dkkeler Jee< cellmeno³ete kaj leer nly iedh GImepete cellceoo kaj leer nWDeej Hae ka mLeepeJe kahes yee³es j Kees nS GHeove cellJee< ka meeLe meeLe i so kahes peuoar HbeLeka dueS Yee ceoo kaj leer nW ³en Skel kahelice eJ³e nWpees laves Hej FpekaMee ka peej³es Yee pe mekalle nW ekahtegncaej er meueen nWdre³edete j AHe mes Fmes Fmlaseue ve kaj W neB ³eebo yeej yeej dre-ka-ede ka kolej Ce kahF&Hae kakepeej nesie³ee nWlees Gmekeler leekalle kahes Hgae Haves ka dueS SLeeHbe kah H³eeie kaj yee Gefete nW

↳ Meno mahnCe Deedo Jeehne³edlkahe Skel caK³e HbLee nW Dehves peeve kahes yeepeer ueieekaj ue³eeue mee³edHj ³ee kaj Hene³er ueeie Meno mahn kaj les nQ Gme mekaht HCaehLle³edWcellncejs Hbelyede ³ee edeDe kahes Dehveeve Gveka dueS p³eeoe meYeJe vene³nWkepeelka edeDe Dehvees ka dueS epeteve mee³e DeeJem³eka nW Gvee mee³e Gveka Heme DeYeJe jinlee nW peesuee Hae mes Meno mahn kaj les nQes i Hleskeler Gme Yeeie kahes lea³ve vene³eehnS epemecellDeC [Wpe ueelx jinles nQ Fmekal Dea³eej kalle jeeve caekaKe³edlkahe kahF&vagehme vene³nesee ³eehnS- caekaKe³edlka dueS i Hles cellkajr Meno i eaf eb³ee peeve ³eehnS, Fmemes i Hles kajr ebveelka yeeo Hgae Meno mes Yeej peeS³ee ³eebo i Hles kahes vyees HbeHMele Yeeie cease Ueje DeeJeHe nWlees mee³ee peeS³ee eka Jen Meno mahnCe nWeg GH³egalle nW (ceej meve, 2010)~ epeme Dehle cellMeno jinlee nW Jen oKees cellHbeue nDee (bulgy) ueielee nW Skel nerpeien Hej jns Deveka i HleWcell mes kajr i Hles HbCalee i eaf eb³es peeves ³eehnS-

yalle, i mej, ueeKe Deej Ketyeer pames Jee GHepeelka dueS Deueie Deueie lejeka keler J³emLee nQ Fmekal dueS nceMee Jeekeedrekele lejeka peeves ka dueS Hbe³ee kaj ves keler DeaJem³ekalle vene³nWkepeelka kahF&mLeeve³e edeMese/le Dehves Devejleelka Dea³eej Hej Fme mejeDe cellDeveka peevkekefj ³eeh/ceieabMele Hbeve kaj mekalle nQ epemeka Dea³eej Hej dre³ee ueeiet eka³ee pe mekalle nW

leLee³e, ³en ³eeo j Keee nWka i eaj-kale-p Jee GHepe ka metele GHeove kahes megreedM³ete kaj ves ka dueS kaJue dre³ee ueeiet kaj oree H³eehle vene³nW kepeelka kajr De³e kaj ka Fme Hej HeYeJe [ueles nQ Jee edekelene cellJev³e peedlkahe Yee Dence Yebakele jinlee nW Gvekaer eduee³ve (extinction) Jee GHepe GHeove kahes HeYeDele kaj mekalle nW kahF&kelen HejeieCe J³emLee kahes mejece kaj les nQees kahF&peevelej yeepe kahes edeKejele kaj les nQ ³en oKee ie³ee nWka DeaDekehele #ede cellpeevelej eW³ee Hae³eeUeje Kee³ee nDee Hbeue ka yeepe De³er i er jin mes Dekehej le nes nW kahem³ee HbeGh³ Mee Ueje eka³es ie³es De³eeve mes Hlee ³eeue nW eka Jee #edeeWcelln³oe Hae kalle DeYeJe nes kalle kolej CeWcellpejuee kaj ves Jeeves peevelej (pames eka mej Ce Deej veueie³e) keler kahceer mes nes mekalle nW ohejer Deej, i eaj- ceamecer Jee³ee p³eeoe iceeaka kolej Ce ueeKe Hbeue HeYeDele nes mekalle nW DeLelee i mej Hbeue yeeceej³edlmes HeYeDele nekaj ve-i nes mekalle nQ ³eeDehe Hbekeheleka Dehbe ncejs dre³eeCe mes yeej nW leLee³e ³eelemeje Devejleue Haej edlele yee³es j Keee DeaJem³eka nW ³eekehelebi me ³ee DekehdMe³ee J#e (edeppee³ee eka mce) j ekaCe mes Jeeleje Ce Hej Hbekehele HeYeJe Hae mekalle nW JeevWka Deeme Heme KeedeeWcellj mee³edreka Keee Deej kelen veMeke DeemeWcell GHe³eeie, MaakalMeeueer ceeyeeFue i eaj DeLelee Fueakal Ka i eaj, edeMese j AHe mes Hene³ed [³eeWHej Kavee Deej HbekeCe Hbeueves Jeeves

ueleg Jeekepe mechee HeyeDeve edeDe

medesoveMeeue / Heej medesover Jee GHepe

kahF&HbeWDeej peedeeWhej labe (ecosystem) ka Hbele FLeves medesoveMeeue nes nQ eka ³eebo Hej labe ka m#ce medegreve cell kahF&le³ yee neser nWlees Jes DeaDeke mee³e Tekek peedete vene³jin mekalle³ ³eehnS yee³e Haej edlele eka laves Yee De#eG³Ce j nW ueeKe kelen pames medesoveMeeue nW James ueleg Jeekepe eJ³eeWcellmes Ketyeer, Maueue Sjeb Maueue-kaJeka (lichen) De³eeDeke medesoveMeeue nQ iceeaka ceamece cellpeeo Jee ka Debj eka mner Hae Hej Maueue oKee peete nWlees ³en ceave peeS³ee eka Jeneb kalle leehceve j h³e nW Ketyeer mes DeaDeke veceer kalle Hlee ³eeuelee nW kajr ueeie Keeves ka dueS Ketyeer mahn kaj les nQees kajr ueeie yee³es ka dueS~ ce³ej Hbe Jeeueer Ketyeer oKees cellmepj ueielee nW FmedueS lej keler meppeeJe³ meeceveelka j AHe Fmlaseue eka³ee peete nW Mejeue-kaJeka Skel Sme Hbeve nWpees oue oue nekaj HeLLej ³ee Hae Hej ebKeeF&odes nQ Deej kajr ueeie Gmes DeueDeer ka j AHe cellFmlaseue kaj les n~ ³en HeLLej kahes i ghe³s kaj ves cellWdele ede ede i er yeeves cell ceoo kaj leer nW Jes Jee³eg ceC [ue cellcepe³ee peuee Dehle Deej Haseka HeJeeKa Dea³eej Hej peedete jinles nQ Jee³egC [ue cellmedceete yee ves ka kolej Ce peuee Dehle kahce neser Deej Jee³eg hbekele neser Hej Jeecej peetes nQ Jee keler Jee mledleka mJee m³ee eka lveer De³er er nW Jen Fve medesoveMeeue HbeWDeej peedeeWmes Hlee ³eeuelee nW Jee meje ehele jinlee lees Jes peedete jinles Deej Gvekele edekelene nesie~

GDeedlimes dkekules obbele Heveer Deejj OoDeebka kollej Ce Jev keler Deedeej ka bekabue Deejj mallegue ejezeE peete nWDeej Jev Gtpe eJeeelke Gtpeve Deejj ieeJelLee Kejeve nesmekaltes nO FmedueS mLee³eer Gtpeve Hyedive ³eepeve ka dueS kabueve Jev ka megreDe cellmLue Ghee³eeHj ede³eej kajjvee He³eele veneRnW Jev kalesyeenj mesHyedive kolj vesJeeves kolj kolleHj Yee O³eeve j Kavee ³eehS-Goenj Ce ka dueS, caeyeeFue i eejeWkeler edeDeje ³eekekepe edeeekajj Caellmes ceOeg ceekKe³eeb Hyedivele nede nO ceOeg ceekKe³eeb Deemheme ka mej mees keler KeteeMka Hluellimes cekajj b Skoellete kolj tes nODeejj KeteeHj kelen veemkekeWDeLee Dev³e ede³eeves j mee³eeve ka Gt³eeie Deejj MeekalMeeueer caeyeeFue i eeje mes ceOeg ceekKe³eeb keler i eeleeDee leLee Meno keler ieeJelLee Hyedivele nesmekaltes nO FmedueS ³eehS ka me pe mekalee nWeka ncellJeeWka mLue mej#ee ka meele meele He³eelej Caee mej#ee Hj Yee ede³eej kajjvee DeJem³eka nW Fmekal Deedeej kalle, cenlJehCek Hepeede³eeWkeler Heej emLeedekeler kales Yee mecePeve nW pomes eka ekalme Je#e ka dueS Deedeka i ³ee ³eehS Deejj ekalme Je#e ka dueS Deedeka Odb; pJeej epe Jev (mangrove forest) keler Hepeede (true mangrove) kalme meer nWDeejj Gmekal men³eeer Hae (mangrove associates) kalme meer nW FI³eebo-

kaJi Gt³eeieer Hepeede³eeb nO peps Kayes #ede³ celllyenlHj Hvehetes nODeejj Jeneb yeaz s Hae ueieekalj i ³ee kajj ves mes Gmekal Gtpeve Hyedivele nesmekalee nW (³eneb oKeeve neise Kayes Jev mes ncell peps kaJi eeuelee nW Jen mLeevee peedekele ka dueS Deiej yende cenlJehCek nWDeejj meleve Jev cellWGeve veneReeuelee nW lees epelevee DeJem³eka nW Gevee mer Kayes Jev j Kalle)-

peleueer ka cellmkales lej ka Hae s Kaveer peienellHj j etteCe mes mej #eCe ka meele meele ieeJelLee cellYee Jee< nesmekalee nW

JeeWcellWDeie Hj dre³eeCe j Kavee Yee Fme He<e kele Skal cenlJehCek Yee nW kaHF uese De³ s Gtpeo ka dueS Tabt Pee [er kales peueles nO tes kaJi ueise cenDee malienCe ka dueS Hae ka ve³es Gies eje i eeue³ee cellWDeie ueieeles nO Smeer meYee ede³eebo eeleevee kales yeaz Jee oLee nO peps j ekale peevee ³eehS Deejj ³eebo Deie ueiees keler me³eeve eeuelee nW tes lej lue Deie ye³eeves ka dueS peJij er J³eJemLee kajjvee neise-

Hemeej Ce Hj Yee dre³eeCe j Kavee neise- Jev kole Daakej (i esi e nes³ee yeaz e) Deejj emLeede Hj ³ee dre³eeCe dreYee kajj lee nW ³eebo Jev Daakej cellYende yeaz e nW ka lereg edekalme Meeve emLeede cellW lees kolleeJelLee (rotation) ka Deedeej Hj Skal edeMese Yeeie cellW me³eej Ce meeete j Kae pae mekalee nW ³eebo Jev yende i esi e nW lees ³eej Ce Hj Hae HaeYeeDe DeJem³eka nesmekalee nW

Heleueekalj Ce (thinning) Deejj Jev-Je<ka i eeleeDee³eeWka oajjvee ³ee O³eeve do³ee peevee ³eehS eka DeemOeepe Heedell peef er yeei ³eeb Deejj Dev³e Gt³eeieer HeedellkaH ve pae³eeW Del³eeDeka mebleF&(cleaning) mes Jev DebleGe (weed) mes Yej mekalee nW

Delle cellWvelee mer kalinvee Ge³eele neise eka ³eebo Jev Gtpeo cellmkales mece³eele edee³eeie Hj O³eeve ve do³ee paeS tes ³ee Hyedive J³eJemLee DeOaje j nOee- J³eekelelele legueve cell mece³eehka j Hae mes malieenle Jev Gtpe yende cenlJehCek nW peneb Gtpeve Hj mece³eehka dre³eeCe j nOee nWDeejj mecepe³e keler Deejj mes malieenle neise nW Jeneb epeceasej er yeaz leer nW ka peedka Fleeve oKeYeeve Deejj I³eeie keler Heej Cece ³eebo J³eLe& nes peete nW³ee Gmekale Ge³eele J³eJenej veneR nesmekalee nW lees oKeYeeve Deejj I³eeie kajj ves kele Gtmeen Yee kolce nes paeS ee- FmedueS, lej ka dueS Gt³eeie kajjvee nW lees oKeeve neise eka mener mece³e Hj Deejj mener lej eka mes Gtpeve/malienCe nODee nW³ee veneR ³eebo Gtpeo ye³eeves ka dueS nW lees Gmemes De³ er Dee³e eeuevee Hj O³eeve osee neise- penb kalinR Yee DeJem³eka nes lees Gtpeo cellmkales Hamekalj Ce Deejj mej #eCe keler Heej ³eepevee Yee keler pae mekalee nW Jev Gtpeo kales Deedeka eeveell eka mej #eCe j Kaves Deejj Yedeej Ce ka dueS ieeoee i ee keler J³eJemLee keler pae mekalee nW

Fme Hakej J³eehka leLee meeiee o³ee kalesCe keler mene³eele mes Skal Jev Gtpe mektoe Hyedive edeDe Hmlaje kajj ves mes Yeeleer Heed³eeW kales Skal oal eeLee³ee leLee yenge³ee me³eej Cece eeue mekalee nW Jee mLee cell ³ee Hyedive edeDe peuelee³eej HaeJelLee keler cegeyeevee kajj ka mebeDeveell kales yeeve³ee j Kaves cellWDeejj Gvekeler Jee< cellkaletter Gt³eeieer eme< nesmekalee nW



ମେନେଜିମେଣ୍ଟ ଇଣ୍ଡିକେଟର

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Ueleg Jeevape mecheoe HyeDeve keAer HeAì eWmede'



yea s yea s Hae e ll keler oee Tej ves Jeeveer Smeer uel ee SB
mee Dee j Cel ee kole i do 3 es pee les n O le e ka Hae keler Dea j e Jee
De e r er nes He j l l e g p a e e d e e l e e k e l e r C e k i m e s o K e l l e e s
Smeer uel ee SB Yeer cen l Je j Ke me ka l e e r n e (De v l e e f e l e)
cee u e t (*Bauhinia vahii*) Ska l Smeer uel ee n O l e p e m e k a
H e l l e s D e e j i e u e m e s d r e k e l u e v e s J e e v e e r j m e e J 3 e e l e m e e f e k a
c e n l J e j K e l e s n e F m e u e l e e k e l e s k e l e i v e s m e s Y e e r v e f &
M e e K e e S B e f l i j d r e k e l u e D e e l e e r n e



Fme Deee Oee pe Hae e l l p a m e s k a F & u e l e e 3 e l l S m e e r n O (G o e n j C e l e e
e f e t u e e e) p e e s H a e e l l k e l e s # e e l e H e n f f e e 3 e s e j y e e G v e k e l m e n e j s
T H e j y e e l e s n e O 3 e e v e j K a v e e r m e e e r e k a k p a l e u e c a l l J a v e
J e x l e (silviculture) e l e e D e k a l D e l e i e k e k e l e i - i e l
k e l e r H e k e l 3 e e m e s S m e e r d r e o e k e H e p e e e l e 3 e e b p a m e s k e l i v e
p e e S b

k e l e f k e l e i e u e 3 e s p e e v e s k a k y e e o Y e e r v e f & M e e K e e S B e f l e k a l u e
D e e v e s k e l e r p e e s # e c e l e e (coppicing) M e e u e p a m e s k e j i
H a e e l l c e l l m e e e r n i w J e n k e j i c e l l k e l e l e e s k e j i c e l l p 3 e e o e
n e e e r n i w a p e v e H a e e l l c e l l 3 e n # e c e l e e k e l e n e e e r n i w
G v e k e l e s y e e j y e e j k e l e i v e e G e f e l e v e n e r n i w 3 e n Y e e r
c e n l J e h C e k i n w e k a k p e e e e r k a D e e m e t e m e k e l e r m l e j c e l l m e r
k e l e f k e l e s k e l e i v e s m e s M e e K e e S B D e e r e r D e e j p 3 e e o e
d r e k e l u e l e s n O p e y e e k a T H e j k e l e i v e s (high stump)
m e s 3 e n G l e v e e D e e r e r v e n e r d r e k e l u e l e e p a m e s e k a F m e
e f e l e e l c e l l d o K e e F & i e F & n i w v e e e s m e s d r e k e l u e e r n i f j & v e 3 e e r
M e e K e e S B D e e r e r s t e l l e s m e n p e T B e e F H e j G i t u e y O e k e j e l e e r
n i w e k e l l e g F v e k e l e s p 3 e e o e n e e r e H e n f f e e S e j y e e v e e y e a k v e e r
o v e e r e e e n S -





Skol meecapoepeka Jere keler 3en Kagee Yeeie James lees ueitee nweka Je#ej ebeCe/Jeveekalj Ce ka dueS GH3eeieer nny usakeve O3eeve oses keler yeete 3en nweka Fmeer Kageer peien Hej nar Gieeer nwmLeveepe ueesiedMka kakece cellDee j nar Skol Peze t leame, yeeze tre (*Aristida setacea*) epeme cellmes Skol Hkehej keler Peze t yeveteer nny yee sHeze eW keler i e3ee cellPen leame De3i er lej n Hvehe vernekmekaAeer-

Fme mejeOeer (*Hemidesmus indicus*) Hepeeele keler lej n kaF&Hedellpees dyeKeje nDDee Hbe3es peetes nQ GvekeAer merner vecatellmeheeOeve ka Deekaluve/meJat#eCe cell due3es peeves 3eehS- pes Hbedellceemaceer nes nQ Gveka dueS mJelale' O3eeve j Kveer 3eehS-



Keeer ka dueS peliue ka i er, usakeve Fme cenDDee pames kajr GH3eeieerHae ye3ej ns- Hej cHefj ka kake- Jeveekalj Ce ka 3en GoenjCe 3en Yeer oMeekke nweka peliue keler yeenj Yeer ueleg Jeveekpe keler meheeOeve nes mekaAes nQ epevekehe Deekaluve nesee 3eehS-

kelele me cell kelet[keles veer es mes kelet e peele n[Hej Heg í í eF&(pruning) cell meka[T Hej er Yeeie cell edel Meskelej pees MeeKee SBnQ Gvekeles kelet eoS peeles nQ (pollarding) leekal veer kelesuee MeeKee direkelue DeeS, pees ueeKe Deej í mej keles kelet eW keles meje < ne kelesee DeeS~ Fme e[e]e celli mej Gieeeskele eueS í í eF&keles n[í & Depeje Hej oKe jns n[Fme Hkelelej keles ceveJekel e n[í e#e[GHeove, íe[e]e í ee Deej Hej ceCe keles e[e]eCe cellj Keves keles cell Deeles n[



peceere meske[í T Hej keles meje Hej Fme e[e]e í celli mej keles keles meceve j He mes Heuee keles meke[ee íe[ee n[GHeove Hej Jeleekak[í O[eeve oses Jeeveer yeel eW n[wepevekeles Deceue cell uees mes GHeove keles merner me[#eCe, íe[e]e í ee keles Devej #eCe, íe[ee ueeYeoe[ekele ed[et Ceve cell merner e[ee eteueleer n[Fmekeler megreed M[e[ee mes meheveve keles me[#eCe keles yes n[Hej ueeYe eteueleer n[

DeeweDeer e íe[e]e í e[e]e Fme yee[eepe[eer/ Jee[eepe[eer (epiphytic) Deekel[keles Hej peedeer Deekel Me- yeeie mes Deueie peeveer e[ee n[keles kelele Jee[eepe[eer Heed eW Deepe[ee[eer Hej keles keles í mevee vonek[Hej í eeles n[Sines keles í Heed e[nes mekeleer n[pees Jeleeeve mece[e cell Hej Lekele[ee íe[ee ueie mekeleer n[ekele í e[yee[ee cell Fvekeles GHe[ee í ee íe[ee nes mekeleer n[





Meeue Heliellkales Deiej Heliuee³ee Leeueer kaã jAHe cell
 eñueueF&kaãj oer peeS, lees FmecellKeeueer Heliuee kaãer
 legueuee cellp³eeoe Dee³e lees peãjAã eñueueer nã ueekeue
 Fmemepeñuee kaãeYeer GHkelej eñueueer nãkaãeãkaã Leeueer
 yeueuee cellpees mece³e ueieueer nã Jen peñuee Hej oyeuee
 keãce kaãj leer nã. Deiej ceMeeare kaãe GH³eeie kaãer peeS,
 lees Leeueer³ee oeeuee kaãe Deekelej meãj j nreesnã Oeej kaãer
 kaãã eF&ieeueekelej j nã leer nã Deej Fmeme Deeeoee Yeer
 yeãã leer nã.

Teããt Heliuee kaãer Peeãã -kaãã eF&mes Gikaãã TeLee p³eeoe
 Heliueellkaãer GHeeoee nã. Teããt Peeãã eã cellDeeie ueiee
 oeeuee mes Yeer De³ã s Heliuee Deeeer nã Hej Heã Deeeie Skaã lees
 Heãj JeãMe kaãe eãeS eñueueeMekalej eã nã. Heãj Peeãã -
 kaãã eF&cellMeueuee Jeeueer j eãeieej Fmeme venaã eñueueer-



HeueeMe kaãer Fve Heãueellpamee kaãF&GHs#eie meñueeOee nã
 eãeuekaãer mamer GH³eeie mes eãe³eãeie jAHe mes meãeãer nesee
 Jeeueer meñueeOee Hej oyeuee keãce nã. Deej Gvekaã
 meãj #eCe cellmeme³eie eñueueer nã. (Deãeãeie) meães
 HeueeMe Heãuee kaãer j me kaãe meele Deej e³ã Heããã j
 eñueueeãã j i e³ee ceã meããeeuee kaãe yeo Heãããã Meãã
 ieãeeue-





p³eeoe ueeYe k^oler ueeue^oe abKee kajj Dehtes yeepe ³ee
^oeej e yes^oees Jeeues J³eebaaji ³eeWk^oler yeel^oeeWDee peeves mes
 yengje vegehmeeve nesmek^oleer niwpemes ekaF Fme Tel^oeekelelele
 keeaeue nu^oer k^oler Ke^oer kajj ves mes niF^o meht^oko c^ogeueer,
 DeMJeie^oDee De^oab^o koF^o H^opeee^oee^oeeW k^oler J³eeJ^oemee^opeka
 Ke^oer mes niF^o vegehmeeve Gmeer ueeue^oe k^oler J^oepen mes niF^o

H^oba^ollk^oler i^o eue e^orekeuevee, ^oees Jen j^oMe^oej H^oba^ole^oW
 ka^o j^oAl^oba^ollk^oeeWe nes yengje nee^orekelej ka^o nes meka^oleer
 niWDeiej e^ore^oeeCe ce^olWe j^ons lees- H^oej^oleg^oen Yeer mel^oe niW
 eka^o H^oba^oue Pee^oje i^o keles H^oueed^oni ka^o mes yee^oeeves k^oler yee^oee^oe
 ceuegk^oler j^oMes mes yee^oeevee (De^oba^ojele) De^oveka^o H^okelej mes
 G^oH^oee^oeeer ne^oer niW- Fme^oueS, Fme lejn k^oler J^oave^oeepe
 k^oler me^oien H^oej Ska^o De^oDe H^oba^oleye^oDe uee^oeeves k^oler yee^oee^oe
 e^oemek^oler me^oienvee^oe G^oH^oee^oee me^oYeJe niW Gme^ok^oler De^ovege^ole
 o^oseer ^oee^ohS-



pe^oeeue ce^oWDeeie ka^o e^ore^oeeCe ka^o e^oueS De^oee^oje Mee k^oler
 o^oseie^oee e^opeues ce^oW^oSka^o i^oee^oDe ce^oW^oes i^oee^oDeJeeues ve^oes H^oba^oje er
 niF^o meK^oes H^oel^oee^okeles F^oke^oue kajj Deueie kajj o^odes ni^opees
 eka^o ye^oo ce^oWka^o H^oee^oni yeveves ce^oW^oH^oee^oeeer nes meka^oleer niW-

yekeke j Hæf er peceare Hej meste³eeuelee keler Keler mes ueeKe
 keler Keler ceenueeDeellkele eueS menpe nes mekeleer nri
 O³eeve j nWekal pebeue mes ceenueeDeellkeler megrebe Haj Å-eell
 keler leguevee cellp³eeoe mederovMeaue Deajj peeti ue nleer
 nri ³eDeete kajj Jevetipe kea medienCe kea kelece kolepve
 nes kea kelejCe Haj Å-e kajj tes nQ ueskeve Gmeketes Yee
 ceenueeDeellkele eueS kajj no leka mejece yevae³ee pee
 mekeleer nri (Dellae³e) Hæf Hej peceer nri & ueeKe-



Drawing by: Manas Kumar Biswal, RCDC
 based on Anonymous (undated)

etee³e- ieupe ³ekal Sree Skal GltkajjCe nripeesmeleDeepeer
 Hedekal i eue Deajj ieeb drekeueves cellGt³eeie nleer nri
 ka³i eF&keler Gwele (pames eka Dellae³e) cellto KeeF&ie³eer
 ueeKe kea Glt³eeve cellW³egelle) meDeve Glt³eeie kajj ves
 mes Yee medenvee³e Glt³eeve cellmene³elee dbeuleer nri

yele keler HædeWkeF& peien oguelve nes mekeleer nri Deajj
 Fvekeleer ka³i eF& cellde³ebeCe j nveer ³eehS~ meeDeej Celee
³es HædeWKegeer Oete cellDe³e³i er yee tes nQ Deajj iee³i cell
 Glt³eeve mek³ee keler 20 HædeMele leka ka³i eF& (Jen
 Yee Hæde³ee edekedemele yele keler) me³eCe cellmene³ekal
 nleer nri





ekal'mi ese HkaleG [Meve Ueje ueer nif&Ska Hkalej keler
 Maeeue-kaJeka (lichen) keler eje- (Dellad@ele) pabeue
 celHvaballe Ska Hkalej keler Kageer- ka@edka Fve pames
 Hefj medeeer Hpeeele Ge@ele ma#ce peueJee@ejele emLealle
 ejevee Hveke vernekmekeles FmedueS Fveka DeentelJe mes
 pabeue keler JeemleJe mJemL@e keler Hlee @ueleer ni-

ce@#ejCe kahes jekahvee leLee peue mej#eCe pabeue keler
 medee@ ka@ dueS pejAj er ni- @en veeuee FmedueS yeb
 kahj veskeler DeelM@ekahlee ni- (Dellad@ele) ieeleJeeues Smes
 ni- Ska veeuee Hefj i esi er meer yee@e yeevee jns nO leekka
 peue Deejj ebe@i di er ka@ mej#eCe nesmeke@-



veete-leeue keler ceveke@ He×alle@edW kahes i ee@ kahj Fme
 Hkalej keler [yyee @ee Dav@e ekahmeer Smeer He×alle epemes
 eka@ Hael@e@eka@ medeernkaleW keler MeeseCe keler DeelM@ekale
 j ni@er ni- GvmbH@eyebDele kahj vee Deejj ceveekalle J@eJemLee
 magreelM@ele kahj vee Year Hye@ave keler ce@ee@e leLee HeYeeJe
 yee@eleer ni-



Yeejle mejkelej je-à òpe teécece Deepceetkeke ebeMeve (NRLM) keà Delleieñe oseeW keAke- leLee ueleg Jeeveetepe #ese' ceW ceñruce GDeete³eeW kekes Heéðmeerve oves keà eueS ceñruce ke-ekel meMeekellekajCe Heef³eepevee (MKSP) keker keke³eeW Je³eve kelj jner nñ epemekel mellelue jÀHee³eve ceW meBejelle je-à ñelle keker meñLee ³eSve [eñeer kele eñeMese ³eeieoove jner nñ- ueleg Jeeveetepe melleoe HejedDeve #ese' ceW peve mecepe³e keà eueS eñekeñemele ³en meññeñe eñeeDe-Heñmelekeke Fme men³eeie keà Heef³eece keà jÀHe ceW keker mi eñe HekeGh [Meve keker lekeñveekeler mern³elee mes Deej [emeer Úeje HekeñeMele nñ-



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