



cŕqtb meiR Rššt̄bvi mivK tgšmḡ űetePbvq Avbt̄Z nq | GgZve˘vq meiRi tgšmḡvfiĒK tkYmfVM Avgt̄˘ i mdj fvt̄e meiR Pvl mivqZv Kti |

**AvvithM AskvfiĒK tkYmfVM**

meiRt̄ft̄˘ Avgi v Gt̄ i űefbæAsk thgb– cvZv, KvŪ, dĵ, dj, gj- BZ˘w˘ tLtg\_ wK | AvvithM˘ Ašt̄ki űefbæZv Abjvqx meiR Pvlvev˘ cŕqvRbxq mvi, cimb Ges AšbZ˘cwi PhP BZ˘w˘ i Pvin˘vl űefbænt̄q\_vt̄K | ZvB AvvithM˘ AskvfiĒK tkYmfVM Rvbr\_vKtj Avgi v mdj Zvi mvt̄\_ mivK km˘chŕq̄ cwi Kĩbv cŕqb Ges meiRi Pvlvev˘ KĩZ cwi |

**RxebKvj vfiĒK tkYmfVM**

meiRt̄ft̄˘ Gt̄ i RxebKvj A\_ŕ exR jvMt̄bvi ci nt̄Z bZb exR cvl qv chšl̄ t̄giU mgt̄qi Zvi Zg˘ i t̄qt̄Q | ZvB meiRi RxebKvj vfiĒK tkYmfVM Rvbr\_vKtj km˘chŕq̄ cwi Kĩbv MšY I ev˘bvq̄b, km˘ I exR msMšni mivK mgq űbaŕ Y Kiv mn̄RB mǣ nq |

**vkKtoi Mfxi ZvfiĒK tkYmfVM**

űefbæmeiR Mt̄Qi vkKtoi aib I űe˘bz. űefbænt̄q\_vt̄K | Avi GB vkKtoi aib I űe˘bz I Dci űbfP Kti fig-KIŕYi Mfxi Zv Ges mvi I tmP cŕqVM e˘vcbv űfbæzi nt̄q\_vt̄K | ZvB vkKtoi űv, ŕYi Dci vfiĒ Kti meiRi tkYmfVM meiR Pvl ˘ŕZv evot̄Z mivv˘ Kti |

**Pvlvev˘ cxvZvfiĒK tkYmfVM**

vkQymKQymeiR Avt̄Q th, t̄jv GKB cwiert̄i AšfP nI qv mŕĒj | Gt̄ i Pvlvev˘ cxvZv űfbæzi | thgb Ut̄gt̄Uv I Avj y ZvB kvK-meiRt̄K Zvt̄ i Pvlvev˘ cxvZi Dci vfiĒ Kti tkYmfVM Kiv nt̄qt̄Q | Gt̄Z űfbævfbævte cŕZvU kvK-meiRi Pvlvev˘ cxvZv gt̄b bv ti tL tkYvfiĒK meiRi Pvlvev˘ cxvZv gt̄b ivLvĩ mnR mĵhVM miv nt̄qt̄Q |

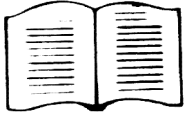
**KvŪi cKvZ. I űe˘bzvfiĒK tkYmfVM**

meiRi ˘˘vk MVb Ges A½R ep̄xi cKvZ. mæŕŪ mg˘K Ávb dmj Drcv˘t̄bi ceRZP meiRi ˘˘vk MVb I A½R ep̄xi cKvZi Dci vfiĒ Kti ˘Zvi tkYmfVM Rvbr\_vKtj mn̄RB meiR Pvl i Rb˘ Rvq ˘Zvi, jvMt̄bvi cxvZ, MvQ nt̄Z Mt̄Qi ˘i-Zi, mvi cŕqVM, AšbZ˘cwi PhP, dmj msMš BZ˘w˘ KvR mōZvte Kiv hvq |

ZvcgvĪv mn˘ Kivi ŕlgZvi  
Dci űbfP Kti meiRi  
tkYmfVM Rvbr\_vKtj  
eQt̄i űefbæmgt̄qi  
ZvcgvĪvi Zvi Zg˘ Abjvqx  
meiR Pvl Kiv mǣ nq |

**ZvcgvĪv mn˘ Kivi ŕlgZvfiĒK tkYmfVM**

űefbæmeiR űefbæZvcgvĪvq fvt̄jv Rbŕq Ges Gt̄ i űefbæZvcgvĪv mn˘ Kivi ŕlgZvi t̄fZti I Zvi Zg˘ t˘ Lv hvq | vkQymeiR Avak VŪv mn˘ KĩZ cvt̄i | vkQyAvevi nij Kv VŪvq fvt̄jv Rbŕq | Avevi vkQymeiR Mig Avenl qv cŕ˘ Kti | ZvB ZvcgvĪv mn˘ Kivi ŕlgZvi Dci űbfP Kti meiRi tkYmfVM Rvbr\_vKtj eQt̄i űefbæmgt̄qi ZvcgvĪvi Zvi Zg˘ Abjvqx meiR Pvl Kiv mǣ nq |



**mvi gg©**

- Div<sup>mc</sup> ZivÉK tkYnefvMi dtj meiRi Div<sup>mc</sup> ZivÉK `enkó` Rvbr tMtQ Ges Gt` i cöZiUtk GK brtg cU\_exi meP tPbr I Rvbr mæ nqtQ |
- tgšmg Ges Avvi thvM` AskivÉK tkYnefvM Rvbr \_vKtj meiRi Pvlver` Ges km`chq cwi Kí br ev`évb mnR nq |
- RiebKvj wfvÉK tkYnefvM meiRi km`chq cwi Kí br ev`évb Ges km` I exR msMni mWk mgq ubaP tY mnvqZv Kti |
- wkKtoi Mfvi ZivÉK tkYnefvM Rvbr \_vKtj meiR Pvlver` mvi I tmP cöqvM e`e`rcbr `qZvi mvt\_ mæúbaKiv mæ nq |
- Pvlver` cxwZivÉK tkYnefvM cöZiU meiRi Pvlver` cxwZ mnR gtb ivLtz mirvh` Kti |



## cıfVĒi gj`ıqb 2.1

### 1. mZ` ntj 0m0Ges ıg\_`v ntj 0ıg0ıj Lıj|

- K. Dıw`c ZvıĒK tkYıneb`ıtmi dtj th tKıv meıRtK cıL`exı meP GK bıtg tPbv m`e ntqtQ|
- L. UtgtUv Ges tMıj Avj yGKB cıı evtı i AšfP meıR|
- M. cvZı Ges gj-RıZıq meıRı AšbZP`cıı PhP`GKB ai tbi |

### 2. ıb`ıb cıY Kııb|

- K. cıL`extZ c0q ..... ıU cıı evtı i AšMZ c0q evı kZ meıRı cRıwZ i tqtQ|
- L. Avgt` i t`ık ..... Gi AvıK mSL`K meıRı PıIver` c0ıj Z AvtQ|
- M. Avj y UtgtUv GKB cıı evtı i AšfP nı qv mtEıI Gt` i ..... cxıZ ıfıb0

### 3. mıVK DĒıı cıfk ıVK ıPı (ı) ıı b|

- K. meıRı Dıw`c ZvıĒK tkYınefıM ıKtımi Dci ıfııĒ Ktı Kıv nq ?
1. PıIver` c0ıj ıı Dci
  2. Rj evqıYZ Pııı`ıı Dci
  3. Dıw`c ZvıĒK `evkt0`ıı Dci
  4. PıIver` i tgšmgı Dci
- L. tKıv&tkYıneb`ıı Rıbv\_ıKtıj mdj meıR PıIver` i Rb` fıg KıP MfııZı ıı`ı Kıv mıR nq ?
1. Dıw`c ZvıĒK tkYınefıM
  2. RıebKıj ıfııĒK tkYınefıM
  3. ıKtııı Mfıı ZıfııĒK tkYınefıM
  4. tgšmgıfııĒK tkYınefıM
- M. tKıv&tkYınefıM Rıbv\_ıKtıj meıR dmtj i exR mSM0ıı mıVK mgq ıbaıı Y Kıv hıq ?
1. meıRı tgšmgıfııĒK tkYınefıM
  2. Dıw`c ZvıĒK tkYınefıM
  3. PıIver` c0ıj ııfııĒK tkYınefıM
  4. RıebKıj ıfııĒK tkYınefıM

### 4. GK K\_ıq ev evtK` DĒı ıı b|

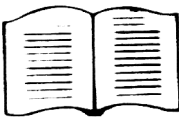
- K. cıL`extZ AvbııııK kıKmeıRı KZıU cRıwZ i tqtQ ?
- L. tKıv tkYınefıM Rıbv\_ıKtıj meıR PıIver` mıı I tıP c0ıqıM e`e`ıcbv` ııZıı mıt\_ m`ıb0Kıv m`e nq ?
- M. meıRtK tıvU KqıU tkYıxtZ fıM Kıv ntqtQ ?

### cw 2.2 meiRi maviY tkYnefM



#### GB cw tkʔl Avciḇ

- Pvl ev tḡšmḡgi Dci wfiÉ Kti cʔyZ meiRi tkYnefM eYḇv KiḡZ cviḡeb |
- RxebKvḡj i ʔiḡqḡZji Dci wfiÉ Kti cʔyZ meiRi tkYnefM mʔtŪ ej ḡZ cviḡeb |
- Zvcgʔv mn̄ Kivi ḡḡZwiÉK meiRi tkYnefM eʔLʔv KiḡZ cviḡeb |
- Pvl ev cʔwZwiÉK meiRi tkYnefM eYḇv KiḡZ cviḡeb |
- AvriḡvM̄ Astki Dci wfiÉ Kti meiRi tkYnefM Dḡj L KiḡZ cviḡeb |
- Kvʔi cKwZ l ve ʔiZi Dci wfiÉ Kti meiRtK tkYnefʔ³ KiḡZ cviḡeb |
- wKtoi Mfxi ZwiÉK meiRi tkYnefM eYḇv KiḡZ cviḡeb |



#### tḡšmḡgiÉK tkYnefM

wfiÉK-meiR eQḡi wfiÉK-meḡḡḡ Pvl Kiv nq | Rbḡḡḡ tḡšmḡgi Dci wfiÉ Kti kvK-meirʔK wfiÉK tkYnefʔ³ Kiv nḡqḡ |

**kvZKvḡj xḇ ev iwe meiR** t th mKj meiR kvZKvḡj (Atʔvei - gvP) Pvl Kiv nq Zvʔ iḡK kvZKvḡj xḇ ev iwe meiR ej v nq | kvC tMvʔi wfiÉK-meḡḡḡ, Avj y ḡj Uḇ, UtḡḡUv, wKḡ, gUi iḡU, MvRi, exU, wḡwó Avj yBZʔw̄ kvZKvḡj xḇ meiR |

**MʔŠKvḡj xḇ ev Luid meiR** t th mKj meiR MʔŠKvḡj (Gvcj - tḡP) Pvl Kiv nq tḡ, ḡj vḡK MʔŠKvḡj xḇ ev Luid meiR ej v nq | KḡovRvZvq meiR, WvUv, cKvK, KPzei eU, tXam BZʔw̄ meiR MʔŠKvḡj Pvl Kiv nq |

**Dfḡ-tḡšmḡg meiR** t te, b, gwi P, tXam, j vj kvK BZʔw̄ meiR Dfḡ tḡšmḡg RŠḡḡḡ hvq | A\_ʔ eQḡi th tKvḇ ḡḡḡ Pvl Kiv hvq | Gme meiRtK Dfḡ-tḡšmḡg meiR eḡj |

#### RxebKvḡj wfiÉK tkYnefM

RxebKvḡj A\_ʔ exR ecḡbi ci nḡZ Avevi bZḇ exR cvl qv chʔl ḡḡḡ Dci wfiÉ Kti kvK-meirʔK tkYnefʔ³ Kiv nḡqḡ | GB cKvi tkYnefM wfiÉK t

**GKeIRxeb meiR** t Awakisk kvK-meir GKeIRxeb, A\_ʔ GK eQḡi ḡḡḡ B ḡḡ i Rxeb Pḡ tk l nq | tḡvḡvḡ, wj ḡḡḡ, wKDKvḡUw̄ BZʔw̄ cw̄i eḡḡi Awakisk meiR, thḡḇ– UtḡḡUv, j vD, wḡwó Kḡov, Pvj Kḡov, wSʔv, wKḡ BZʔw̄ meiR G tkYxfʔ |

**wʔelRxeb meiR** t GB tkYxi meiR, ḡj v cŪḡ tḡšmḡg Lvʔ vḡvM̄ Ask (ḡj–, KvŪ, cvZv) ʔwi Kḡi Ges GB me Astk mwÁZ Lvʔ wZvq tḡšmḡg Abḡj Avenv l qvq meiR MʔQ cḡḡÁix ʔwi KiḡZ mvvḡh̄ Kḡi | eḡvKvC, kvj Mḡ, l j KvC, tḡḡR BZʔw̄ wʔ-elRxeb meiR |

**eúelRxeb meiR** t th ḡḡḡ kvK-meir ʔ tḡšmḡgi teḡḡ ḡḡ tetP vḡK, tḡ, ḡj vḡK eúelRxeb kvK-meir eḡj | GB aḡḡbi kvK-meir i fDci ʔ Ask kvZKvḡj ḡv v hvq | wKŠ ḡḡ i fḡḡḡ Ask tetP vḡK | kvZ tkḡl Avevi bZḇ MʔQ i RŠḡḡḡ | Av v, nḡj, ḡḡKPz kZḡḡ BZʔw̄ G tkYxi AŠḡḡ meiR |



**Kvŭi cKwZ.I we`lZwfiEK tkYwefM**

Kvŭi cKwZ.I we`lZtK weŧePbvq ti tL meiRtK wbeŧŧc tkYwef<sup>3</sup> Kiv ntqtQ|

exiar meiRi Kvŭi imvj  
Ges eqm evovi mvt\_ mvt\_  
wKQyKQytŧtŧ AvsukK  
Kvŭj nq|

**exiã meiR** t GB tkYxi meiRi Kvŭi imvj Ges eqm evovi mvt\_ mvt\_ wKQyKQytŧtŧ  
AvsukK Kvŭj nq| GKtkYxi exiar LvŧUv Ges Lvov\_vtK| thgb- tMvj Avj y Avevi Ab`  
tkYxi exiar Kvŭi `xNŧ gwi Dci w`tq Mwtq ev tKiv Avktqi Dci fi Kti ewx cŧB nq|  
G\_s,tj vtK tKvgj j Zv (Vine) meiRI ej v nq| thgb, Prj Kgov, j vD, wS½v, wkg BZ`w |

**jYmeiR** t Kvŭj cKwZi, AvKvŧi tQvU I cwiYZ eqtm Gt`i cŧvb Kvŭi etj wKQy\_vtKbv|  
tMvov ntZ cŧZ kvLvckvLv we`li Kti tSttc cwiYZ nq| D`vni Y t te\_b, gwi P|

**Kvŭj j Zv** t Kvŭj j Zv `xNŧcŧwvi Z ntq\_vtK| D`vni Y t mxZv j vD|

**eŧŧ meiR** t GKK Kvŭi weikó epr Kvŭj Div<sup>m</sup>c | D`vni Y t mivbv, eKdž |



**mvi gg©**

- Prtli tgšmŧwfiEK meiRi tkYwefM ntjv kvZKvjxb, MŧŧKvjxb Ges Dfq tgšmŧx meiR|
- Rxb Kvŧj i `wqZi Abjvŧi meiRtK GKelRrxx, wŧelRrxx I euelRrxx tkYxtZ fM Kiv ntqtQ|
- fŧŧYtŧhM AskwfiEK meiRtK cvZv, Kvŭi, dž, dj, gj- Ges exRRvZxq meiRtZ wef<sup>3</sup> Kiv ntqtQ|
- wKktoi Mfxi ZwfiEK meiRi tkYwefM ntjv Mfxi gj-x, gvSvi x Mfxi gj-x I AMfxi g j x meiR|
- `wK MVb I we`lZ. Abjvqx meiRtK exiar, jY, Kvŭj j Zv Ges eŧŧtkYxtZ wef<sup>3</sup> Kiv ntqtQ|





### cW 2.3 meiRi Diwmc ZwiEK tkYnefM



#### GB cW tkI AvciB

- meiRi Diwmc ZwiEK tkYnefM i fcti Lv eYBv Ki tZ cvi teb |
- GKexRcIx meiRi eM<sup>9</sup> cwi evti i big ej tZ cvi teb |
- wDexRcIx meiRi eM<sup>9</sup> cwi evti i big ej tZ cvi teb |



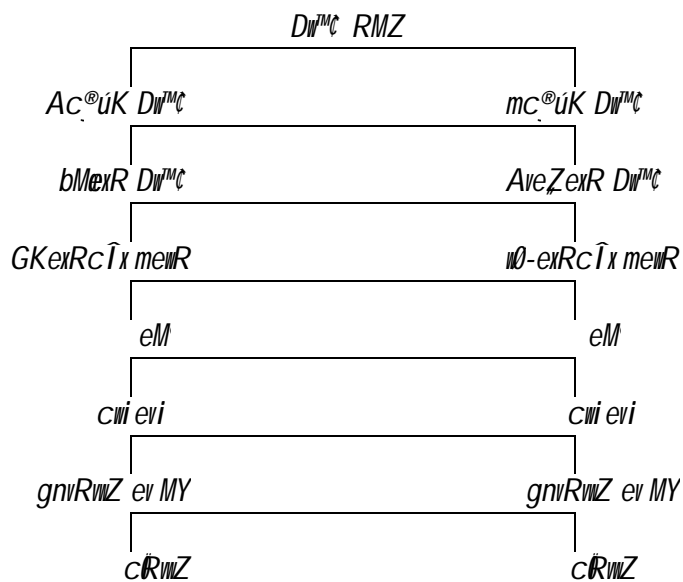
#### meiRi Diwmc ZwiEK tkYnefM I bigKiY

Diwmc RMZ tK me<sup>9</sup> t<sup>g</sup> `jlv DcRM tZ fVM Kiv ntqtQ | thgb, Acyuk Diwmc (Cryptogams) Ges mc<sup>9</sup>uk Diwmc (Phanerogams) | evsj vt`tk meiR intmte Pvlver` nt`Q Ggb me,tjv Diwmc B mc<sup>9</sup>uk | mc<sup>9</sup>uk meiR tK Avevi `jlv nefvM fVM Kiv ntqtQ | G nefvM `jlv ntjv bMexR Diwmc (Gymnosperm) Ges AveZexR Diwmc (Angiosperm) | meEKvi kvK-meiR tk tlv<sup>3</sup> fvtMi Ašf<sup>9</sup> | AveZexR meiR `jlv tkY tZ nef<sup>3</sup> | h\_v, GKexRcIx (Monocotyledon) meiR Ges wDexRcIx (Dicotyledon) meiR | GKexRcIx Ges wDexRcIx meiR h\_v t<sup>g</sup> KZK,tjv etM<sup>9</sup>(Order) Ges eM<sup>9</sup>K KZK,tjv tM<sup>9</sup> ev cwi evti (Family) fVM Kiv ntqtQ | cOZ`K cwi evitK KZK,tjv gnrvmZ A\_er MY (Genus) Ges cOZ`K gnrvmZ tK cRvmZ Species), DCCRvmZ (Sub-species) Ges Diwmc ZwiEK Riv intmte fVM Kiv ntqtQ |

Diwmc` i Diwmc ZwiEK ev`  
eAvnbK big j` wUb fvl v  
ntZ tbqv | ZvB tKv t<sup>g</sup>  
MrtQi` eAvnbK big wj LtZ  
ntj BUwj K Kvq` vq (Wvb  
w` K evKiv Kti) wj LtZ nte |

th tKv Diwmc` i Diwmc ZwiEK bvtgi `jlv Ask\_v tK | cOg Ask H Diwmc` i gnrvmZi big Ges wDZxq Ask cRvmZi big | MrtQi Diwmc ZwiEK ev` eAvnbK big j` wUb fvl v ntZ tbqv | ZvB tKv t<sup>g</sup> MrtQi` eAvnbK big wj LtZ ntj BUwj K Kvq` vq (Wvb w` K evKiv Kti) wj LtZ nte | tmvRv A<sup>9</sup> t<sup>i</sup> wj Ltj gnrvmZ I cRvmZi bvtgi wbtP wfbwrfbwrfvte` VM tUtb w` tZ nte | Bst<sup>i</sup> wR ev ti v gub A<sup>9</sup> t<sup>i</sup> eAvnbK big wj LtZ nte | evsj v ev Ab` tKv t<sup>g</sup> fvl v wj Ltj Zv f<sup>j</sup> etj MY` nte | D`vniY` t<sup>g</sup> t<sup>g</sup> R Gi Diwmc ZwiEK bvtgi cOg Ask ev gnrvmZ ntjv Allium Ges wDZxq Ask ev cRvmZ ntj cepa | mzi v t<sup>g</sup> R Diwmc ZwiEK big Gfvt<sup>e</sup> wj LtZ nte Allium cepa ev Allium cepa.

wbt<sup>9</sup> Diwmc RM tZi tkYnefM i GKUv i fcti Lv t` Lv t<sup>g</sup> v ntj v:



#### kvK-meiRi eM<sup>9</sup> Ges cwi evi mgr

## GKexRcT̂x meiR

eM<sup>®</sup> Gwi qvtj m (Ariales)

cwi evi - Gfi um (Araceae)

GB cwi evi i AŠMŽ meiRmgR ntj v gļx KPz cmb KPz cĀgļx KPz Mti v KPz `g KPz tgšj wF KPzgvb KPž

GKexRcT̂xmeiRi eM<sup>®</sup>tj v  
ntj v Gwi qvtj m,  
Wvqm̂Kwi qvtj m|  
wj wj qvtj m|

- eM<sup>®</sup> Wvqm̂Kwi qvtj m (Dioscoriales)  
cwi evi - Wvqm̂Kwi tqum (Dioscoreaceae)  
GB cwi evi i meiR ntj v- tgšU Avj y
- eM<sup>®</sup> wj wj qvtj m (Liliales)  
cwi evi - wj wj tqum (Liliaceae)  
GB cwi evi i meiR, tj v ntj v- tccqR, imb, kZgj-x|

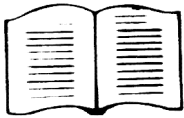
## weRcT̂x meiR

- eM<sup>®</sup> Ggv̂ti b\_vtj m (Amaranthales)  
cwi evi - Ggv̂ti b\_t um (Amaranthaceae)  
GB cwi evi i meiR ntj v - j vj kvK, Wwlv|
- eM<sup>®</sup> e`vmj vtj m (Basellales)  
cwi evi - e`vmjtj um (Basellaceae)  
GB cwi evi i meiR ntj v - cBkvK (mv`v), cBkvK (j vj)|
- eM<sup>®</sup> tKwi l dvBj vtj m (Caryophyllales)  
cwi evi - tP̂v̂cWtqum (Chenopodiaceae)  
GB cwi evi i meiR ntj v - cij skvK, exU, e\_gv kvK|
- eM<sup>®</sup> K̂v̂umRUvtj m (Compositales)  
cwi evi - K̂v̂umRU (Compositae)  
GB cwi evi i meiR ntj v - exav tj Uz, Aevav tj Uz|
- eM<sup>®</sup> tev̂v̂Rbv̂tj m (Baraginales)  
cwi evi - Kbfj f̂tj um (Convolvulaceae)  
GB cwi evi i meiR ntj v - wgió Avj yKj wg kvK|
- eM<sup>®</sup> ti vWvtj m (Rhoedales)  
cwi evi - μ̂v̂t̂cwi (Cruciferae)  
GB cwi evi i meiR ntj v - exavKuc, d̂zKuc, têKuj, I j Kuc, kvj Mg, gj-v|
- eM<sup>®</sup> ŵDKvi v̂Uvtj m (Cucurbitales)  
cwi evi - ŵDKvi v̂Uum (Cucurbitaceae)  
GB cwi evi i meiR ntj v - wgió Kgov, Pvj Kgov, kmv, ev̂x, Zi gR, j vD, wS½v, ax̂j, Kij v, Kv̂t̂ivj, cUj, wP̂P̂½v|
- eM<sup>®</sup> wj wj ŵgv̂v̂vtj m (Leguminosales)  
cwi evi - tj ŵgv̂v̂m (Leguminosae)  
GB cwi evi i meiR ntj v - gÛi i ŵ, wkg, ei eU|
- eM<sup>®</sup> gvj f̂vtj m (Malvales)

cwi evi - gvj t̄f̄im (Malvaceae)  
GB cwi ev̄t̄i i menR nt̄j v - t̄Xam, P̄K̄vBi |

- eM<sup>⊗</sup> t̄c̄r̄t̄j t̄ḡmb̄qv̄t̄j m (Polemoniales)  
cwi evi - t̄m̄v̄j v̄t̄b̄im (Solanaceae)  
GB cwi ev̄t̄i i menR nt̄j v - Avj yte<sub>3</sub>b, Ut̄ḡt̄Uv, gwi P (igwó), gwi P (Sij) |

- eM<sup>⊗</sup> Avḡt̄ej v̄t̄j m (Umbellales)  
cwi evi - Avḡt̄ewj t̄d̄wi (Umbelliferae)  
GB cwi ev̄t̄i i menR nt̄j v - M̄v̄Ri |



**mvi gg<sup>⊗</sup>**

- D̄w̄m̄c̄ RMZ̄t̄K mc̄ȳúK I Ac̄ȳúK GB t̄j̄v̄ D̄c̄RM̄t̄Z̄ f̄v̄M̄ Kiv nt̄q̄t̄Q |
- mc̄ȳúK D̄w̄m̄c̄ i t̄j̄v̄ w̄ef̄v̄M̄ nt̄j v bM̄ex̄R I AveZ̄ex̄R D̄w̄m̄c̄ |
- AveZ̄ex̄R D̄w̄m̄c̄ t̄K GK̄ex̄Rc̄t̄x̄ Ges w̄0-ex̄Rc̄t̄x̄ D̄w̄m̄c̄ t̄k̄Ȳx̄t̄Z̄ f̄v̄M̄ Kiv nt̄q̄t̄Q |
- GK̄ex̄Rc̄t̄x̄ menR Ges w̄0-ex̄Rc̄t̄x̄ menR̄t̄K h\_v̄μ̄t̄ḡ KZK<sub>3</sub>t̄j v ēt̄M̄<sup>⊗</sup> eM̄t̄K KZK<sub>3</sub>t̄j v cwi ev̄t̄i, cwi evi t̄K KZK<sub>3</sub>t̄j v ḡn̄v̄R̄w̄Z̄t̄Z̄ Ges c̄0Z̄<sup>⊗</sup>K ḡn̄v̄R̄w̄Z̄t̄K KZK<sub>3</sub>t̄j v c̄R̄w̄Z̄t̄Z̄ f̄v̄M̄ Kiv nt̄q̄t̄Q |
- th t̄K̄v̄t̄b̄v̄ menRi t̄ēÁmbK b̄v̄t̄gi c̄0g Ask̄uU nt̄j v Z̄vi ḡn̄v̄R̄w̄Z̄i b̄v̄g Ges w̄Z̄x̄q Ask̄uU nt̄j v c̄R̄w̄Z̄i b̄v̄g |
- menRi t̄ēÁmbK b̄v̄g B̄st̄īw̄R Āt̄i B̄Ūw̄j K K̄v̄q̄v̄q̄ w̄j L̄t̄Z̄ n̄q A\_ev̄ B̄st̄īw̄R Āt̄i t̄m̄v̄R̄v̄ K̄t̄i w̄j t̄L ḡn̄v̄R̄w̄Z̄ I c̄R̄w̄Z̄i w̄b̄t̄P Avj v̄v̄ Avj v̄v̄f̄īt̄e t̄v̄M̄ t̄Ūt̄b̄ w̄t̄Z̄ n̄q |



### cıfVĖi gj`ıqb 3.1

#### 1. mZ` ntj 0m0Ges ıg\_`v ntj 0ıg0ıj Lıy|

K. mKj cKvi meıR AveZexR Dıw`ı i Ašıf`ı |

L. ıvsj v`ık PıI veıf` GKexRcTıx Ges ı0exRcTıx meıR i tıqtQ|

M. Dıw`ı i `eÁıvbK bıg BstııR fıvı t\_ık tıı qv ntıqtQ|

#### 2. ıb`ıb cıY Kiıb|

K. meıRi Dıw`ı ZıvĖK bıgı c0ıg AskıU ntj v Zıı ..... bıg Ges ı0Zıq AskıU ntj v ..... bıg|

L. Dıw`ı ZıvĖK bıg ..... Aıııı ıj Lı nq|

M. KPıvZıq meıR ..... exRcTıx meıR|

#### 3. mıK DĖıı cıfK ıK (✓) ıı b|

K. kıK-meıRi exR tKıv&ıe fıııı AšıM?

- |                |           |
|----------------|-----------|
| 1. AveZ        | 2. bııı   |
| 3. AveZ I bııı | 4. AcıııK |

L. Mıııı Dıw`ı ZıvĖK bıg tKıv&ıııı mgšıı MııZ ?

- |                    |                    |
|--------------------|--------------------|
| 1. gııııı I cııııı | 2. tıııı I cııııı  |
| 3. eıııı tıııı     | 4. tıııı I gıııııı |

M. tKıv&ııı ııııı GKexRcTıx meıRi Ašıf`ı ?

- |               |                  |
|---------------|------------------|
| 1. Compositae | 2. Cucurbitaceae |
| 3. Cruciferae | 4. Araceae       |

#### 4. GK K\_ıq ıv ıfK` DĖı ıı b|

K. Kıııı RıvZıq meıR tKıv&ııı ııııı Ašıf`ı?

L. Aıııı tKıv&ıııı meıR?

M. Kıııııııı meıR tKıv&ııı ııııı Ašıf`ı?

**cw 2.4 maviY kvK-meiRi eisj v BstiiR I Diwmc ZwiEk bvg**

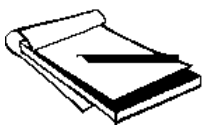


**GB cw tkfI Avcib**

- eisj v` tk Pvl KZ .meiRfbakvK-meiRi mavi Y bvg ej tZ cvi teb|
- kvK-meiR\_ t j vi BstiiR bvg Dtj L Ki tZ cvi teb|
- cöZiU kvK-meiRi Diwmc ZwiEk bvg i j wce x Ki tZ cvi teb|

<u>eisj v bvg</u>	<u>BstiiR bvg</u>	<u>Diwmc ZwiEk bvg</u>
glaKPzcmBKPy	Taro	<i>Colocasia esculenta</i>
`g KPz	Cocoyam	<i>Xanthosoma nigra</i>
tgšj wf KPz	Cocoyam	<i>Xanthosoma atrovirens</i>
gvb KPz	Giant Taro	<i>Alocasia indica</i>
I j KPz	Elephant foot	<i>Amorphophallus campanulatus</i>
tgfU Avj y	Winged yam	<i>Dioscorea alata</i>
tgš Avj y	Chinase yam	<i>Dioscorea esculenta</i>
tcqur	Onion	<i>Allium cepa</i>
i mb	Garlic	<i>Allium sativum</i>
kZgj-x	Asparagas	<i>Asparagas officinalis</i>
WvUr	Amaranth	<i>Amaranthus lividus</i>
j vj kvK	Red Amaranth	<i>Amaranthus gangeticus</i>
btU kvK	Notey shak	<i>Amaranthus viridis</i>
cB kvK (miv)	Indian spinach	<i>Basella alba</i>
cB kvK (j vj)	Indian spinach	<i>Basella rubra</i>
cvi s kvK (t` kx)	Spinach	<i>Beta bengalensis</i>
cvi s kvK (weft` kx)	Spinach	<i>Spinacia oleracea</i>
exU	Beet	<i>Beta vulgaris</i>
e_gv kvK	Bathua	<i>Chenopodium album</i>
tj Um (Aerav)	Leaf lettuce	<i>Lactuca sativa var. crispa</i>
tj Um (erav)	Head lettuce	<i>Lactuca sativa var. capitata</i>
uqiw Avj y	Sweet potato	<i>Ipomoea batatas</i>
Kj gx kvK	Swamp cabbage	<i>Ipomoea aquatica</i>
eravKwC	Cabbage	<i>Brassica oleracea var. capitata</i>
dj KwC	Cauliflower	<i>Brassica oleracea var. botrytis</i>
tefKij	Broccoli	<i>Brassica oleracea var. italica</i>
I j KwC	Knol-khol	<i>Brassic oleracea var. gongyloides</i>

<u>evsj v bvg</u>	<u>Bst i WR bvg</u>	<u>DwMc ZvEjK bvg</u>
kvj Mg	Turnip	<i>Brassica rapa</i>
gj-v	Radish	<i>Raphanus sativus</i>
Pij Kgov	White gourd	<i>Benincasa hispida</i>
uqno Kgov	Sweet gourd	<i>Cucurbita moschata</i>
Zi gR	Water melon	<i>Citrullus vulgaris</i>
kmv	Cucumber	<i>Cucumis sativus</i>
evsMv/dw	Muskmelon	<i>Cucumis melo</i>
uS½v	Ribbed gourd	<i>Luffa acutangula</i>
ayj	Sponge gourd	<i>Luffa cylindrica</i>
j vD	Bottle gourd	<i>Lagenaria vulgaris</i>
Kij v	Bitter gourd	<i>Momordica charantia</i>
Kvktivj	Teasle gourd	<i>Momordica cochinchinensis</i>
uPvP½v	Snake gourd	<i>Trichosanthes anguina</i>
clj	Pointed gourd	<i>Trichosanthes dioica</i>
t` kx ukg	Country bean	<i>Dolichos lablab</i>
gUi i u	Pea	<i>Pisum sativum</i>
ei eu	Yardlong bean	<i>Vigna sesquipedalis</i>
kvKij y	Yam bean	<i>Pachyrhizus tuberosus</i>
eKdž	Sesbania	<i>Sesbania grandiflora</i>
tXam	Okra	<i>Hibiscus esculentus</i>
Pkž	Red sorrel	<i>Hibiscus sabdariffa</i>
mwRbv	Drum stick	<i>Moringa oleifera</i>
kvcj v	Water lily	<i>Nymphaea nouchalli</i>
mxZv j vD	Giant grandilla	<i>Passiflora quadrangularis</i>
te_ b	Aubergine	<i>Solanum melongena</i>
Avj y	Potato	<i>Solanum tuberosum</i>
uqno gwi P	Sweet pepper	<i>Capsicum annum</i>
Svj gwi P	Hot pepper	<i>Capsicum frutescens</i>
UtgtUv	Tomato	<i>Lycopersicon esculentum</i>
MvRi	Carrot	<i>Daucus carota</i>



**Ablyj b (Activity):** Avcbvi emoi Avtkciřk th meWR AvřQ Zvř i Bst i WR bvg I DwMc ZvEjK bvgmn GKwU Zvřj Kv cřZ Ki ab |



### cuVvEi gj`iqb 2.4

**1. mZ` ntj OmO Ges iQ\_`v ntj OmO vj Lb|**

- K. igiO Avj j DwiMc ZvEjK bvg Ipomoea batatas |
- L. Avj j Bsti iR bvg Potato |
- M. Cucurbita moschata Pvj Kgovi DwiMc ZvEjK bvg |

**2. ib`~vb ciY Kiab|**

- K. iktgi DwiMc ZvEjK bvg ..... |
- L. cUti i Bsti iR bvg ..... |
- M. Raphanus sativus ntj v ..... Gi DwiMc ZvEjK bvg |

**3. mWk DEti i cuK wK (v) w b|**

- K. tccuRi DwiMc ZvEjK bvg tKvbu?

  - 1. Allium cepa
  - 2. Allium sativum
  - 3. Basella alba
  - 4. Basella rubra

- L. Brassica oleracea var. botrytis tKvb&meiRi DwiMc ZvEjK bvg?

  - 1. djKic
  - 2. evaiKic
  - 3. Ij Kic
  - 4. teiKij

- M. Wax gourd tKvb&meiRi Bsti iR bvg?

  - 1. Pvj Kgovi
  - 2. igiOKgovi
  - 3. ZigR
  - 4. jvD

**4. GK K\_iq ev euk` DEi w b|**

- K. Cauliflower-Gi eivj v bvg Kx?
- L. MvRti i DwiMc ZvEjK bvg Kx?
- M. imly-Gi Bsti iR bvg Kx?

