

**TAMSIRT TIS UKUZ**

**Taydiwin tigejdanin n tesniremt**

**Tikti γef teydiwin n tesniremt deg kra n tmura**

Tayda i s-yettunefken i tesniremt, temgarad almend n talliyin d tmura n umadal.

**1- tasniremt yuyden yer tesnilest**

Iswi-ines d asegnu n yirman deg tussniwin akked tayulin-nniđen. Tban-d deg yimahilen n Eugen Wüster.

**2- tasniremt yuyden yer tsuyelt**

Ad tt-naf deg tuddsiwin tigraylanin akked tmura ilan atas n tutlayin tunsibin.

**3- tasniremt yuyden yer useggem amutlay**

Tasniremt d allal yettawin yer usemres n tutlayt deg yal tayult. D tayda-ya i s-fkan i tesniremt n tefransist (Kibek), tin n tbaskit d tkađalunit (Spenyul).

## **1.4. Taydiwin tigejdanin n tesniremt**

Mgaradent tmura deg wayen yerzan amkan i teṭṭef tesniremt d teyda i s-fkant i urmud-a. Tayda n tesniremt teteddu almend n tmella tasertant-tadamsant akked tmella tamutlayt n yal tamurt. Teteddu day almend n yiswiyen i s-yettunefken i tesniremt. Yiwen umesnirem am Pierre Auger (Cabré 1998, sb. 37-39) yebda tuddsaa d yirmad n tesniremt deg tmura n umadal almend n kradet n tsekkiwin :

### **1.4.1. Tasniremt yuyden yer tesnilest**

Deg unekmar asnilsan, tasniremt ttwalin-tt d allal n taywalt d usenfali. Tayda-ya tban-d zik deg umezruy n tesniremt. Tuy-d azar deg yimahilen imezwura n Eugen Wüster. Ad tt-naf tufrar-d deg yirmad n tesniremt n tmura n Lurup Talemmast (Lalman d Luṭric) akked Lurup n Usamer (Rruss d tmura i s-d-yezzin). Tbedd yef umenzay n usegħnu n yirman. Ama deg unnar ussnan ney deg tayulin-nniżen (tadamsa, idles, tadbel, ...), asegnu ila azal d ameqqran imi yessifsus taywalt. Iswi n usegħnu n yirman d tmiḍranin, d tukksa n wuguren n taywalt i d-tttagħġarr yimassanen ney imeskaren deg tayulin-nsen tuzzigin.

### **1.4.2. Tasniremt yuyden yer tsuyelt**

Deg tmura yessemrasen snat n tutlayin tunsibin ney ugar, am Kanada, Bilgik, Sswis..., armud asniran yeqqen atas yer tsuyelt. Deg tmella-ya, tasniremt tekkat ad d-taf tifrat i wuguren n usuwel deg wayen yerzan aswir n umawal (irman uzzigen). Tasniremt yuyden yer tsuyelt, d tin day i ndefrent tuddsiwin tigraylanin (Agraw n Tmura Yedduksen, Unesco, Oms, Omc...) imi tasniremt d aferdis agejdan deg usuwel n yiđri森 (gar-asen iđri森 unsiben/izerfanen) seg tutlayin yer tiyad.

### **1.4.3. Tasniremt yuyden yer useggem amutlay**

Tayda tis kradet tban-d deg yisegħasen 1970 deg tmura ideg kra n temyiwanin timutlayin srant ad fkent azal i tutlayin-nsent. Timyiwanin-a (am tefransist deg temnađt n Kibek deg Kanada ney tkaṭalunit d tbaskit deg tmurt n Spenjul) sbeddent-d isenfarek n useggem amutlay i s-yefkan azal ameqqran i tesniremt. Deg tmuqli n wid yekkaten ad beddien azayer d twuriwin i tutlayin-nsen, tasniremt d allal ara tent-yeskecmen deg yal taġult n tudert tartart. Gur-sen, war tasniremt, ur nezmir ara ad nessemres tutlayt deg yal tagħnit n taywalt.

Timgardiwin yellan gar teydiwin γef i d-nemmeslay da safella, ttbinent-d day s umata deg yiferdisen i d-ikeččmen deg yimahilen d tuddssa n tesniremt n yal yiwit deg-sent (Cabré 1998, sb. 43) :

- deg yiswi n umahil asnirman;
- deg tesnarrayt d unadi asnirman;
- deg yimeskaren d wid iqeddcen deg urmud asnirman;
- deg yifarisen isnirmanen.