## Determination of species within the $\emph{H.}\ \emph{bifidum} ext{-}$ group

| Species                                           | pseudodollineri                                    | bifidum                                            | subcaesium                                  | obscurisquamum                                              | ammobium                                  |
|---------------------------------------------------|----------------------------------------------------|----------------------------------------------------|---------------------------------------------|-------------------------------------------------------------|-------------------------------------------|
| involucre –<br>type of hairs                      | pale, short, crispate                              | pale, short, crispate                              | pale, short, crispate                       | dark, short or longer, straight or curved, but not crispate | bright, long, strongly crispate           |
| glandular hairs –<br>colour<br>quantity<br>length | yellow or black<br>lacking or very sparse<br>short | yellow or black<br>lacking or very sparse<br>short | yellow<br>moderate to many<br>± long        | black<br>moderate to many<br>± long                         | yellow<br>lacking or very sparse<br>short |
| stellate hairs –<br>type                          | short-, many-rayed                                 | long-rayed                                         | long-rayed                                  | long-rayed                                                  | long-rayed                                |
| stellate hairs – quantity                         | many to few                                        | many (to few)                                      | (many) moderate to few                      | moderate to few (lacking)                                   | (many) moderate to few                    |
| leaf upper side                                   | mostly glabrous                                    | glabrous (Jura) or sparsely hairy                  | hairy                                       | glabrous or hairy                                           | hairy                                     |
| distribution area                                 | Alps                                               | Alps, Dinarides, Tatra Mts.,<br>Scandinavia        | Alps, Dinarides, Tatra<br>Mts., Scandinavia | Alps, Tatra Mts., Scandinavia                               | Alps, Tatra Mts.?                         |
| acidity of habitat                                | calcicolous                                        | calcicolous                                        | ± calcicolous                               | acidophytic, <u>also</u> on limestone                       | ± calcicolous                             |