

## Appendix B: Database Structure

### Peaks Table (PEAKS)

There is one record for each peak in the PEAKS table. The 4-character PEAKID field is the key field (unique identifier) for each record. The record format is:

<u>Field</u> <u>Description</u>	<u>Field</u> <u>Name</u>	<u>Data</u> <u>Type Length</u>	
Peak ID	PEAKID	C	04
Peak name	PKNAME	C	70
Peak name 2	PKNAME2	C	70
Location	LOCATION	C	70
Height (m)	HEIGHTM	N	04
Height (ft)	HEIGHTF	N	05
Himal	HIMAL	N	02
0 – Unclassified			
1 – Annapurna	11 – Kanti/Palchung		
2 – Api/Byas Risi/Guras	12 – Khumbu		
3 – Damodar	13 – Langtang		
4 – Dhaulagiri	14 – Makalu		
5 – Ganesh/Shringi	15 – Manaslu/Mansiri		
6 – Janak/Ohmi Kangri	16 – Mukut/Mustang		
7 – Jongsang	17 – Nalakankar/Chandi/Changla		
8 – Jugal	18 – Peri		
9 – Kangchenjunga/Simhalila	19 – Rolwaling		
10 – Kanjiroba	20 – Saipal		
Region	REGION	N	01
0 – Unclassified			
1 – Kangchenjunga-Janak	5 – Annapurna-Damodar-Peri		
2 – Khumbu-Rolwaling-Makalu	6 – Dhaulagiri-Mukut		
3 – Langtang-Jugal	7 – Kanjiroba-Far West		
4 – Manaslu-Ganesh			
Peak open (Y/N)	OPEN	L	01
Peak unlisted (Y/N)	UNLISTED	L	01
Trekking peak (Y/N)	TREKKING	L	01
Trekking peak year	TREKYEAR	C	04
Peak restrictions	RESTRICT	C	70
Peak host countries	PHOST	N	01
0 – Unclassified			
1 – Nepal only	4 – Nepal & China		
2 – China only	5 – Nepal & India		
3 – India only	6 – Nepal, China & India		
Peak climbing status	PSTATUS	N	01
0 – Unknown			
1 – Unclimbed			
2 – Climbed			
Peak notes	PEAKMEMO	M	10
First ascent year	PYEAR	C	04
First ascent season	PSEASON	N	01
First ascent expedition ID	PEXPID	C	09
First ascent date	PSMTDATE	C	06
First ascent country	PCOUNTRY	C	70
First ascent summiters	PSUMMITERS	C	210
First ascent comments	PSMTNOTE	C	140
Peak chronology references	REFERMEMO	M	10
Peak photo references	PHOTOMEMO	M	10
Total length			775

## Expeditions Table (EXPED)

There is one record for each expedition in the EXPED table. The 9-character EXPID field is the key field for each record. The record format is:

<b>Field Description</b>	<b>Field Name</b>	<b>Data Type Length</b>		
Expedition ID	EXPID	C	09	
Peak ID	PEAKID	C	04	
Year	YEAR	C	04	
Season	SEASON	N	01	
0 – Unknown				
1 – Spring	3 – Autumn			
2 – Summer	4 – Winter			
Host country	HOST	N	01	
0 – Unknown				
1 – Nepal				
2 – China				
3 – India				
Climbing route 1	ROUTE1	C	55	
Climbing route 2	ROUTE2	C	55	
Climbing route 3	ROUTE3	C	55	
Climbing route 4	ROUTE4	C	55	
Principle nationality	NATION	C	20	
Leadership	LEADERS	C	70	
Expedition sponsor / name	SPONSOR	C	70	
Success on route 1 (Y/N)	SUCCESS1	L	01	
Success on route 2 (Y/N)	SUCCESS2	L	01	
Success on route 3 (Y/N)	SUCCESS3	L	01	
Success on route 4 (Y/N)	SUCCESS4	L	01	
Ascent numbers for route 1	ASCENT1	C	25	
Ascent numbers for route 2	ASCENT2	C	25	
Ascent numbers for route 3	ASCENT3	C	25	
Ascent numbers for route 4	ASCENT4	C	25	
Success claimed (Y/N)	CLAIMED	L	01	
Success disputed (Y/N)	DISPUTED	L	01	
Other countries	COUNTRIES	C	160	
Approach march	APPROACH	C	80	
Date arrived at base camp	BCDATE	D	08	
Date reached summit	SMTDATE	D	08	
Time reached summit	SMTTIME	C	04	
Nbr of days to summit / high-point	SMTDAYS	N	03	(calculated)
Total number of days	TOTDAYS	N	03	(calculated)
Date terminated	TERMDATE	D	08	
Reason terminated	TERMREASON	N	02	
0 – Unknown				
1 – Success (main peak)				
2 – Success (subpeak, foresummit)				
3 – Success (claimed)				
4 – Bad weather (storms, high winds)				
5 – Bad conditions (deep snow, avalanching, falling ice, or rock)				
6 – Accident (death or serious injury)				
7 – Illness, AMS, exhaustion, or frostbite				
8 – Lack (or loss) of supplies, support or equipment				
9 – Lack of time				
10 – Route technically too difficult, lack of experience, strength, or motivation				
11 – Did not reach base camp				
12 – Did not attempt climb				
13 – Attempt rumored				
14 – Other				
Termination details	TERMNOTE	C	140	

<u>Description</u>	<u>Name</u>	<u>Type Length</u>	
Expedition high-point (m)	HIGHPOINT	N	04
Traverse (Y/N)	TRAVERSE	L	01
Ski / snowboard descent (Y/N)	SKI	L	01
Parapente descent (Y/N)	PARAPENTE	L	01
Nbr of high camps above BC	CAMPS	N	02
Amt of fixed rope (meters)	ROPE	N	04
Nbr of members	TOTMEMBERS	N	02
Nbr of members on summit	SMTMEMBERS	N	02
Nbr of member deaths	MDEATHS	N	02
Nbr of hired personnel (above BC)	TOTHIRE	N	02
Nbr of hired personnel on summit	SMTHIRE	N	02
Nbr of hired personnel deaths	HDEATHS	N	02
No hired personnel used (above BC)	NOHIRE	L	01
Oxygen used (Y/N)	O2USED	L	01
Oxygen not used (Y/N)	O2NONE	L	01
Oxygen climbing (Y/N)	O2CLIMB	L	01
Oxygen descending (Y/N)	O2DESCENT	L	01
Oxygen sleeping (Y/N)	O2SLEEP	L	01
Oxygen used medically (Y/N)	O2MEDICAL	L	01
Oxygen taken, not used (Y/N)	O2TAKEN	L	01
Oxygen use unknown (Y/N)	O2UNKWN	L	01
Other summits	OTHERSMTS	C	252
Campsite details	CAMPSITES	C	252
Route details	ROUTEMEMO	M	10
Accidents	ACCIDENTS	C	252
Achievements	ACHIEVMENT	C	252
Trekking agency	AGENCY	C	50
Commercial route (Y/N)	COMRTE	L	01
8000m standard route (Y/N)	STD RTE	L	01
Route info with primary exp (Y/N)	PRIM RTE	L	01
Mbr info with primary exp (Y/N)	PRIMMEM	L	01
Literature info with primary exp (Y/N)	PRIMREF	L	01
Primary expedition ID (if any)	PRIMID	C	09
Internal consistency check	CHKSUM	N	08
Total length		2045	

## Members Table (MEMBERS)

There is one record for each member of any expedition in the MEMBERS table. The 9-character EXPID plus the 2-character MEMBID field is the key field for each record. Records are created for each member on the climbing permit, for each hired member (often a Sherpa) who summited or died on the expedition, and for other noted hired participants (sirdars or those involved in special situations). The record format is:

<u>Field Description</u>	<u>Field Name</u>	<u>Data Type Length</u>	
Expedition ID	EXPID	C	09
Expedition member ID	MEMBID	C	02
Peak ID	PEAKID	C	04
Year	MYEAR	C	04
Season	MSEASON	N	01
First (given) name	FNAME	C	35
Last (family) name	LNAME	C	35
Sex	SEX	C	01
Age	AGE	N	02

Birth date	BIRTHDATE	D	08	
Year of birth	YOB	C	04	
Calculated age	CALCAGE	N	02	(calculated)
Citizenship	CITIZEN	C	25	
Status	STATUS	C	25	
Residence (city / country)	RESIDENCE	C	70	
Occupation	OCCUPATION	C	70	
Leader (Y/N)	LEADER	L	01	
Deputy leader (Y/N)	DEPUTY	L	01	
BC / Advanced BC only (Y/N)	BCONLY	L	01	
Not to base camp (Y/N)	NOTTOBC	L	01	
High-altitude support member (Y/N)	SUPPORT	L	01	
Disabled (Y/N)	DISABLED	L	01	
Hired local staff (Y/N)	HIRED	L	01	
Sherpa (Y/N)	SHERPA	L	01	
Tibetan (Y/N)	TIBETAN	L	01	
Success (Y/N)	MSUCCESS	L	01	
Success claimed (Y/N)	MCLAIMED	L	01	
Success disputed (Y/N)	MDISPUTED	L	01	
Solo (Y/N)	MSOLO	L	01	
Traverse (Y/N)	MTRAVERSE	L	01	
Ski / snowboard descent (Y/N)	MSKI	L	01	
Parapente descent (Y/N)	MPARAPENTE	L	01	
Speed ascent (Y/N)	MSPEED	L	01	
Exped. high-point reached (Y/N)	MHIGHPT	L	01	
Personal high-point	MPERHIGHPT	N	04	
1st summit / high-point date	MSMTDATE1	D	08	
2nd summit date	MSMTDATE2	D	08	
3rd summit date	MSMTDATE3	D	08	
1st summit / high-point time	MSMTTIME1	C	04	
2nd summit time	MSMTTIME2	C	04	
3rd summit time	MSMTTIME3	C	04	
1st ascent route	MROUTE1	N	01	
2nd ascent route	MROUTE2	N	01	
3rd ascent route	MROUTE3	N	01	
1st ascent number	MASCENT1	N	03	
2nd ascent number	MASCENT2	N	03	
3rd ascent number	MASCENT3	N	03	
Oxygen used (Y/N)	MO2USED	L	01	
Oxygen not used (Y/N)	MO2NONE	L	01	
Oxygen climbing (Y/N)	MO2CLIMB	L	01	
Oxygen descending (Y/N)	MO2DESCENT	L	01	
Oxygen sleeping (Y/N)	MO2SLEEP	L	01	
Oxygen used medically (Y/N)	MO2MEDICAL	L	01	
Oxygen use reason	MO2NOTE	C	60	
Death (Y/N)	DEATH	L	01	
Date of death	DEATHDATE	D	08	
Time of death	DEATHTIME	C	04	
Death type (cause)	DEATHTYPE	N	02	
0 – Unspecified				
1 – AMS (acute mtn sickness)	7 – Avalanche			
2 – Exhaustion	8 – Falling rock / ice			
3 – Exposure / frostbite	9 – Disappearance (unexplained)			
4 – Fall	10 – Illness (non-AMS)			
5 – Crevasse	11 – Other			
6 – Icefall collapse	12 – Unknown			
Death height (m)	DEATHHGT	N	04	
Death classification	DEATHCLASS	N	01	
0 – Unspecified				
1 – Death enroute BC	5 – Descending from summit bid			
2 – Death at BC / ABC	6 – Expedition evacuation			
3 – Route preparation	7 – Other / Unknown			
4 – Ascending in summit bid				

<u>Description</u>	<u>Name</u>	<u>Type</u>	<u>Length</u>
AMS-related death (Y/N)	AMS	L	01
Weather-related death (Y/N)	WEATHER	L	01
Injury (Y/N)	INJURY	L	01
Date of injury	INJURYDATE	D	08
Time of injury	INJURYTIME	C	04
Injury type (cause)	INJURYTYPE	N	02
0 – Unspecified			
1 – AMS (acute mtn sickness)	7 – Avalanche		
2 – Exhaustion	8 – Falling rock / ice		
3 – Exposure / frostbite	9 – Disappearance (unexplained)		
4 – Fall	10 – Illness (non-AMS)		
5 – Crevasse	11 – Other		
6 – Icefall collapse	12 – Unknown		
Injury height (m)	INJURYHGTM	N	04
Death & injury notes	DEATHNOTE	C	252
Member notes	MEMBERMEMO	M	10
Necrology	NECROLOGY	M	10
Summit Bid	MSMTBID	N	01
0 – Unspecified			
1 – No summit bid			
2 – Aborted below high camp			
3 – Aborted at high camp			
4 – Aborted above high camp			
5 – Successful summit bid			
Summit bid termination reason	MSMTTERM	N	02
0 – Unspecified			
1 – Success			
2 – Success (subpeak, foresummit)			
3 – Bad weather (storms, high winds)			
4 – Bad conditions (deep snow, avalanches, falling rock/ice)			
5 – Accident (death or injury to self or others)			
6 – Altitude (AMS symptoms, breathing or unwell)			
7 – Exhaustion, fatigue, weakness or lack of motivation			
8 – Frostbite, snowblindness or coldness			
9 – Other illnesses or pains			
10 – Lack of supplies, support or equipment problems			
11 – O2 system failure			
12 – Route difficulty, intimidation or insufficient ability			
13 – Too late in day or too slow			
14 – Assisting, guiding, supporting or accompanying others			
15 – Route/camp preparation or rope fixing			
16 – Insufficient time left for expedition			
17 – Did not climb or intent to summit			
18 – Other			
19 – Unknown			
Himalayan Club number	HCN	N	03
Internal consistency check	MCHKSUM	N	08
1st summit notation	MSMTNOTE1	N	02
0 – None			
1 – Flight-assisted descent			
2 – Flight-assisted ascent			
4 – Re-ascent from high camp			
2nd summit notation	MSMTNOTE2	N	02
3rd summit notation	MSMTNOTE3	N	02
Death route	DEATHRTE	N	01
Total length			767

The AGE and BIRTHDATE are blank in the public version of this table.

## Literature References Table (REFER)

There is one record for each reference in the REFER table. The record format is:

<u>Field</u> <u>Description</u>	<u>Field</u> <u>Name</u>	<u>Data</u> <u>Type Length</u>	
Expedition ID	EXPID	C	09
Expedition Reference ID	REFID	C	02
Reference type	RTYPE	N	02
1 – Book			
2 – Journal			
3 – Magazine			
4 – Report / Brochure			
5 – Website			
6 – Himalayan Database Report			
7 – Hawley Archives			
8 – Other			
Journal / magazine type	RJRNL	C	04
AAJ – American Alpine Journal			
AAN – Asian Alpine E-News			
AJ – Alpine Journal (UK)			
ALP – Alpinist Magazine (USA)			
CAJ – Canadian Alpine Journal			
CLIM – Climb Magazine (UK)			
CLMB – Climbing Magazine (USA)			
DAV – Deutsche Alpenvereins Jahrbuch			
HCN – Himalayan Club E-Newsletter			
HIGH – High Mountain Magazine (UK)			
HJ – Himalayan Journal			
HMJ – Himalayan Mountaineering Journal			
IM – Indian Mountaineer			
IWA – Iwa To Yuki (Rock and Snow)			
JAC – Japanese Alpine Club (Sangaku)			
JAN – Japanese Alpine News			
KAF – Korean Alpine Federation Journal			
KAN – Korean Alpine News			
MENS – Men's Journal (USA)			
MM – Mountain Magazine (UK)			
MW – Mountain World (Berge der Welt)			
NGS – National Geographic Magazine (USA)			
NZAJ – New Zealand Alpine Journal			
OTH – Other Magazine or Journal			
OUT – Outside Magazine (USA)			
ROCK – Rock & Ice Magazine (USA)			
SMT – Summit Magazine (USA)			
VERT – Vertical Magazine (UK)			
Author (s)	RAUTHOR	C	140
Title/URL	RTITLE	C	252
Book publisher	RPUBLISHER	C	70
Book publication date	RPUBDATE	C	04
Language	RLANGUAGE	C	30
Journal / magazine citation	RCITATION	C	30
Yakushi 1994 number	RYAK94	C	05
Reference notes	RNOTES	M	10
Total length			558

The field data types are:

- C – character
- N – numeric
- D – date
- L – logical (true or false / yes or no)
- M – memo

Dates are expressed in either “dd/mm/yyyy” or “mm/dd/yyyy” format, depending on the setting of the **Set Date Format** command in the **Setup** submenu of the **File** menu (see Appendix D).

## Member Names

Member names from countries that use the Cyrillic alphabet (Russia, Bulgaria, etc.) and from countries that use Chinese, Korean, or Japanese alphabets often have variations in their Roman-alphabet spellings due to differences in the transliteration schemes used.

When searching for these names, you may have to try different alternatives or give only short substrings in the search fields.

Normally for Chinese and Korean names, the family name precedes the given name, and for Japanese names, the given name precedes the family name. But some Chinese with Christian first names give their name using the given name first in the Western style (often these are Chinese from Hong Kong, Malaysia, or Singapore).

Since Tibetans normally do not have a family name, their complete name is specified in the given name field in the MEMBERS table and the family name is blank. However, some Tibetans, mainly from India, use Bhotia (or a variant) as their family name.

Nepalis who come from the hill communities also do not have family names. In these cases, their tribal name is used in the family name field (Sherpa, Tamang, Gurung, Rai, etc.).

Some Indonesians are known only by one name, which is given in the family name field.

Spanish family names usually consist of two parts, the second part being a maternal name. Both parts are given if known, even though the climber may use only the first part.

Spanish Basque names also may have transliteration variations.

## Nationalities and Citizenships

The NATION and COUNTRIES fields in the EXPED table and the CITIZEN field in the MEMBERS table use the name of the country at the time of the

expedition. Several countries have changed names due to political changes; hence, when searching for country names you may have to search using more than one name. Some of those that have had name changes are:

<u>Former Name</u>	<u>Current Name</u>	<u>Year of Change</u>
Czechoslovakia	Czech Republic	1995
Czechoslovakia	Slovakia	1995
W Germany	Germany	1990 (Autumn)
USSR	Belarus	1993
USSR	Estonia	1993
USSR	Georgia	1993
USSR	Kazakhstan	1993
USSR	Latvia	1993
USSR	Lithuania	1993
USSR	Russia	1993
USSR	Ukraine	1993
USSR	Uzbekistan	1993
Yugoslavia	Croatia	1992
Yugoslavia	Macedonia	1992
Yugoslavia	Serbia	1992
Yugoslavia	Slovenia	1992

The dialog boxes of some commands such as the **Find** and **Simple Search** commands have two fields for entering country names to accommodate this situation.

### Peaks Field Notes

OPEN	The peak is on the Nepal government's approved list of peaks open to mountaineering expeditions.
UNLISTED	The peak is not on any Nepal government list of approved peaks and thus is not legally open for mountaineering. The database contains several such peaks either because they were climbed illegally or were climbed long ago when mountaineering was less regulated. Unlisted peaks are included in the statistical reports and analyses.
TREKKING	The peak is on the Nepal government's approved list of trekking peaks. Trekking peaks are not included in the statistical reports and analyses after the year they were listed (see TREKYEAR). A few peaks such as Cholatse and Langshisa Ri that were once open have now been reclassified as trekking peaks.
TREKYEAR	The year that the peak was added to the Nepal government's list of trekking peaks.
PHOST	The international location of the peak (inside or outside of Nepal, or on the border).



PEAKMEMO	Miscellaneous peak information, including alternative summit heights given by other sources:																		
	<table> <tr> <td>HMG-MT</td><td>- Nepal Gov't Ministry of Tourism</td></tr> <tr> <td>HMG-Finn</td><td>- Nepal Gov't map series (Finnish survey)</td></tr> <tr> <td>Nepa</td><td>- Himalayan Maphouse map series (Nepal)</td></tr> <tr> <td>Shangri La</td><td>- Shangri La map series (Nepal)</td></tr> <tr> <td>Schneider</td><td>- Schneider map series (Austria)</td></tr> <tr> <td>Alpenvereins</td><td>- Alpenvereinskarte map series (Austria)</td></tr> <tr> <td>Japan MMW</td><td>- Mountaineering Maps of the World (Japan)</td></tr> <tr> <td>Leomann</td><td>- Leomann map series (UK)</td></tr> <tr> <td>Kielkowski</td><td>- Monographs by Jan Kielkowski (Poland)</td></tr> </table>	HMG-MT	- Nepal Gov't Ministry of Tourism	HMG-Finn	- Nepal Gov't map series (Finnish survey)	Nepa	- Himalayan Maphouse map series (Nepal)	Shangri La	- Shangri La map series (Nepal)	Schneider	- Schneider map series (Austria)	Alpenvereins	- Alpenvereinskarte map series (Austria)	Japan MMW	- Mountaineering Maps of the World (Japan)	Leomann	- Leomann map series (UK)	Kielkowski	- Monographs by Jan Kielkowski (Poland)
HMG-MT	- Nepal Gov't Ministry of Tourism																		
HMG-Finn	- Nepal Gov't map series (Finnish survey)																		
Nepa	- Himalayan Maphouse map series (Nepal)																		
Shangri La	- Shangri La map series (Nepal)																		
Schneider	- Schneider map series (Austria)																		
Alpenvereins	- Alpenvereinskarte map series (Austria)																		
Japan MMW	- Mountaineering Maps of the World (Japan)																		
Leomann	- Leomann map series (UK)																		
Kielkowski	- Monographs by Jan Kielkowski (Poland)																		
REFERMEMO	Sources of general information about the peak (information for specific expeditions is given in the literature record for each expedition).																		
PHOTOMEMO	Sources of photographs for the peak.																		

### **Expeditions Field Notes**

CLAIMED	The expedition's claim of success has been disproved or is not generally recognized by the mountaineering community. Claimed successes are not counted as successes in the statistical reports and analyses.
DISPUTED	The expedition's claim of success is either unverified, has been disputed by another party (but the evidence is insufficient to not recognize the ascent), or is of a controversial style (such as using a helicopter during the ascent). In some cases, the ascent has been marked as disputed because the summit party disappeared and thus the ascent cannot be verified. Disputed successes are counted as successes in the statistical reports and analyses.
ASCENT1...4	The team ascent number(s) for this expedition. These numbers are not maintained for recent ascents of Ama Dablam, Cho Oyu, and Everest as they have lost their significance since many teams are now summiting together.
SMTDATE	The date that the expedition summited the peak the first time or reached its high point.
SMTTIME	The time of day that the expedition summited the peak for the first time. The time is given in or converted to Nepal Standard Time (NST) when known. Chinese Standard Time (CST) is two hours and fifteen minutes (2:15) ahead of NST. Indian Standard Time (IST) is fifteen minutes (0:15) behind NST. This treatment of time is used for all time-based fields in the database.

TERMREASON	The primary reason that the expedition was terminated (there also may be other reasons as indicated in the TERMNOTE field).
SKI	Skis or a snowboard was used during part of the descent of the peak by at least one member of the expedition (can be anywhere, not just from the summit).
PARAPENTE	A parapente or hang-glider was used during part of the descent of the peak by at least one member of the expedition (can be anywhere, not just from the summit).
TOTMEMBERS	The number of members on the expedition. For expeditions in Nepal, this is usually the number of foreign members listed on the permit or, in the case of Nepali expeditions, the number of members who are not hired. For expeditions in China (for which the permit total includes hired members), this number excludes hired members where known, except in a few cases of very large Chinese military expeditions, for which the number is inclusive of both hired and non-hired members.
SMTMEMBERS	The number of members who summited the main peak. This excludes those expeditions marked as CLAIMED but does include those marked as DISPUTED.
TOTHIRED	The number of hired personnel who went above base camp or advanced base camp.
SMTHIRED	The number of hired members who summited the main peak. This excludes those expeditions marked as CLAIMED but does include those marked as DISPUTED.
NOHIRED	There were no hired personnel above base camp. This field is needed to indicate that a value of zero in the TOTHIRED field is a true zero, not missing data.
O2USED	Oxygen was used by at least one member of the expedition.
O2NONE	Oxygen was not used by any members of the expedition.
O2CLIMB	Oxygen was used for climbing by at least one member of the expedition.
O2DESCENT	Oxygen was not used for climbing, but was used only in descent on part of the route by at least one member of the expedition.

O2SLEEP	Oxygen was used for sleeping by at least one member of the expedition.
O2MEDICAL	Oxygen was used for medical purposes by at least one member of the expedition.
O2TAKEN	Oxygen was brought for emergency use, but was not used by any members of the expedition.
O2UNKWN	The use of oxygen is unknown for this expedition.
ROUTEMEMO	Miscellaneous route information. Generally these are the original reportage notes of Elizabeth Hawley in reverse chronological order.

### Members Field Notes

AGE	The age in years for this member when the date or year of birth is not known ( <i>this field is empty in public version</i> ).
BIRTHDATE	The date of birth for this member ( <i>this field is empty in public version</i> ).
YOB	The year of birth for this member.
CALCAGE	The calculated age for this member, calculated as follows:

{Summit date, Death date, BC date, or Season date} –  
{BIRTHDATE, YOB, or AGE}

The best available information of the following is used:

Summit date, if the member summited  
Death date, if the member died  
Base camp arrival date (if known)  
Season start date:  
    Spring = January 1 + 60 days  
    Summer = January 1 + 151 days  
    Autumn = January 1 + 242 days  
    Winter = January 1 + 333 days

The calculated age is used for all reports and analyses in which the climber's age is a factor.

Only the YOB and CALCAGE fields are available in the public version of the database. The BIRTHDATE field information is deleted for privacy concerns. The AGE field information is redundant to the CALCAGE field.

BCONLY	The member did not climb above base camp (or advanced base camp in cases where the path from base camp does not require technical climbing skills).
NOTTOBC	The member did not reach base camp.
SUPPORT	The member went above base camp only in a support role (often used for photographers and advisors for women's expeditions).
DISABLED	The member is physically disabled.
HIRED	The person was hired by the expedition. For expeditions in Nepal, hired personnel are not listed on the permit; for expeditions in China, hired personnel are listed on the permit.
MCLAIMED	The member's claim of success has been disproved or is not generally recognized by the mountaineering community. Claimed successes are not counted as successes in the statistical reports and analyses.
MDISPUTED	The member's claim of success is either unverified or has been disputed by another party, but the evidence is insufficient to not recognize the ascent. In some cases, the ascent has been marked as disputed because the summit party disappeared and thus the ascent cannot be verified. Disputed successes are counted as successes in the statistical reports and analyses.
MSKI	The member used skis or a snowboard during part of the descent of the peak (can be anywhere, not just from the summit).
MPARAPENTE	The member used a parapente or hang glider during part of the descent of the peak (can be anywhere, not just from the summit).
MSMTDATE1	The date that the member summited the peak the first time or reached a personal high point.
MSMTDATE2	The date that the member summited the peak the second time on this same expedition. A second or third ascent is counted only if the climber descended all the way to base camp or advanced base before re-ascending to the summit.
MSMTDATE3	The date that the member summited the peak the third time on this same expedition.

MSMTTIME1...3	The time of day that the member summited the peak. The time is given in or converted to Nepal Standard Time (NST) .
MASCENT1...3	The team ascent number for this summit. These numbers are not maintained for recent ascents of Ama Dablam, Cho Oyu, and Everest as they have lost their significance since many teams are now summiting together.
MO2USED	Oxygen was used by this member.
MO2NONE	Oxygen was not used by this member.
MO2CLIMB	Oxygen was used for climbing by this member.
MO2DESCENT	Oxygen was not used for climbing, but used only in descent on part of the route by this member.
MO2SLEEP	Oxygen was used for sleeping by this member.
MO2MEDICAL	Oxygen was used for medical purposes by this member.
DEATHTYPE	The primary cause of death.
DEATHHGTM	The altitude at which the death or the accident leading to the death occurred. For example, if the member died at base camp from injuries resulting from a fall at 7000 meters, the death height would be recorded as 7000.
DEATHCLASS	<p>The classification of death:</p> <p>1 = Death en route to or from base camp</p> <p>2 = Death at base camp</p> <p>3 = Death during the route preparation phase before a summit bid commences</p> <p>4 = Death during the ascent phase of a summit bid whether successful or not</p> <p>5 = Death during the descent phase of a summit bid</p> <p>6 = Death during the route evacuation phase after all summit bids are completed</p> <p>7 = Other or unknown classification of death</p>
AMS	AMS (high-altitude acute mountain sickness) was either the primary or a contributing cause of death. For example, this would indicate that AMS was a contributing factor leading to a fatal fall (the primary cause of death).
WEATHER	Severe weather or storms were either the primary or a contributing cause of death. For example, this could indicate that severe weather was a contributing factor leading to an unexplained disappearance or a fatal fall.

MSMTNOTE1 Summit notes for the first ascent.

0 = None

1 = Flight-assisted ascent

2 = Flight-assisted descent

4 = Re-ascent from high camp

These values are additive, e.g.:

3 = Flight-assisted ascent and descent

6 = Re-ascent from high camp with flight-assisted descent

The summit note fields are located in the same place on the Member screen as the ascent number fields. If summit note are present, the member note fields are visible; otherwise the ascent number fields are visible. You can the toggle visibility of these two fields by right-clicking on the field label above.

MSMTNOTE2 Summit notes for the second ascent.

MSMTNOTE3 Summit notes for the third ascent.

DEATHRTE The route number in use by the deceased climber.

### **Literature Reference Field Notes**

RLANGUAGE The language for a non-English publication or the original language of the publication if transcribed to English.

RYAK94 The catalog number from the *Catalogue of the Himalayan Literature*, Yoshimi Yakushi, Hakusuisha Publishing Co., Tokyo, 1994 (often referred to as the “Yakushi number” of the publication).