

The **HIMALAYAN DATABASE**



The Expedition Archives of Elizabeth Hawley

**Program Guide for
Windows**

Himal 2.0

Richard Salisbury



The Himalayan Database

November 2017

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The Himalayan Database
Ann Arbor, Michigan
www.himalayandatabase.com
himal@himalayandatabase.com

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Introduction

The Himalayan Database is a compilation of records for all expeditions that have climbed in the Nepalese Himalaya. The database is based on the expedition archives of Elizabeth Hawley, a longtime journalist based in Kathmandu, and it is supplemented by information gathered from books, alpine journals, and correspondence with Himalayan climbers.

The original data covered all expeditions from 1905 through 2003 to more than 300 significant Nepalese peaks. Also included were expeditions to both sides of border peaks such as Everest, Cho Oyu, Makalu, and Kangchenjunga as well as to some smaller border peaks. Data on expeditions to trekking peaks were limited to early attempts, first ascents, and major accidents.

Since initial publication via CD, the data has been updated twice annually with updates that are freely available for download from the Himalayan Database website at www.himalayandatabase.com.

Each expedition record contains detailed information including dates, routes, camps, use of supplemental oxygen, successes, deaths, and accidents.

Each expedition record contains biographical information for all members listed on the permit as well as for hired members (e.g., Sherpas) for which there are significant events such as a summit success, death, accident, or rescue.

Each expedition record also contains literature references to major journals, magazines, books, and published expedition reports.

The amount of data that has been collected through 2017 is truly comprehensive. The data record summary is as follows:

Peaks records	450+
Expedition records	9600+
Member records	70,000+
Literature records	10,000+

The records in the Himalayan Database will be of considerable significance to climbers planning expeditions, to journalists and mountaineering historians needing ready access to historical records, and to medical researchers elucidating patterns of accidents, fatalities, and supplemental oxygen use.

The Himalayan Database Project Is Born

In 1991 Richard Salisbury led the American Annapurna IV expedition. When he met with Elizabeth Hawley in Kathmandu in April, her deep knowledge and notes of previous expeditions to Annapurna IV impressed him.

He asked whether she had considered transferring her records to a computer database and offered to assist her in this task.

Hawley initially declined his offer as she was already working periodically with a Nepali computer science student who had designed a rudimentary database and had begun entering data for the Everest expeditions. Shortly thereafter, he left for the United States to pursue a graduate degree with a promise to return to Nepal to finish the project.

However, the Nepali student did not return to Nepal, but instead took a permanent job in the United States and abandoned the task. So Salisbury and Hawley reconnected, and the Himalayan Database project was born.

Hawley's original database was redesigned by Salisbury, and Neeta Karmacharya, a Nepali data-entry clerk, was hired to begin the long task of entering all the accumulated Hawley data. Neeta worked half days from 1993 through mid-1996. Then Namita Shrestha took over and has continued to the present.

The data entry proved challenging in terms of the amount of data to be entered as well as the effort required to cross-check the data with various published books and journals and the frequent need to contact climbers for clarification. From 1993 to 2004, Neeta and Namita have spent more than 1000 hours per year on data entry, totaling about 11,000 hours.

The database design, computer support, and data verification effort by Salisbury has totaled more than 8000 hours during that same period. Thus the total project time is approaching 20,000 hours.

And this does not include the countless hours spent by Elizabeth Hawley collecting the original data during the last 40 years!

Elizabeth Hawley

After departing from her editorial job at *Fortune* magazine in New York in 1957, Liz Hawley began traveling extensively throughout Eastern Europe, the Soviet Union, and Asia and first visited Nepal in 1959. She became very interested in the Nepalese and their rapid emergence into the modern world after the restoration of the monarchy. She returned in 1960 to take up permanent residence in Kathmandu and soon began working as a correspondent for the *Reuters News Agency*.

One of her early assignments was to report on the 1963 American Everest expedition. This task required her to interview the team leader and members and to collect detailed records of the progress reports sent back to Kathmandu by the team. In future years she continued to interview for *Reuters* the expeditions that came to Nepal.

Hawley has interviewed nearly all the teams that have passed through Kathmandu, normally both before and immediately after their climbs. Thus she gained information on successes, failures, accidents, and deaths. Because of her deep knowledge of the mountains and routes, she is often called upon to evaluate controversies. She has met all the major climbing personalities who have come to

Nepal. In recent years, several able helpers have assisted her as the number of expeditions per season has increased. Her home office is lined with rows of wooden filing cabinets filled with detailed, hand-written notes from her interviews.

In addition to her work with *Reuters*, Hawley worked extensively with Jimmy Roberts, founder of the original Mountain Travel trekking agency. Roberts, an avid mountaineer, was of great help to her in understanding the world of mountaineering. In 1982 she started submitting expedition reports through Michael Cheney of the Himalayan Club to the *Himalayan Journal* and the *American Alpine Journal*. After Cheney's death in 1988, she assumed his contacts and continued submitting expedition reports to the *HJ*, the *AAJ*, and numerous other journals and magazines in Europe, North America, and Asia.

In 1998 in Switzerland Hawley received the King Albert Memorial Foundation Award for her outstanding services to the mountaineering world.

In 2003 she received two awards. The first was an honorary Queen's Service Medal from the New Zealand government for her work as an executive officer for Sir Edmund Hillary's Himalayan Trust and for her service as the Honorary Consul of New Zealand. Her second award was the first Sagarmatha National Award from His Majesty's Government of Nepal for promoting mountaineering and adventure tourism in Nepal.

Richard Salisbury

Richard Salisbury traveled to Nepal in 1978 to trek to Everest base camp. This started a long love affair with Nepal that has brought him back more than 30 times for trekking, climbing, and mountaineering research.

Salisbury has guided ambitious treks over the high passes of Tesi Laptsa, Amphu Laptsa, West Col, and Sherpani Col as well as the western regions of Dolpo and Mustang. In 1984 he joined with the Nepal Mountaineering Police in the Sagarmatha Cleanup Expedition, the first environmental cleanup project on Everest. In 1991 Salisbury organized and led the American Annapurna IV expedition.

In his life away from Nepal, Salisbury worked for 28 years at the University of Michigan as a computer programmer and database consultant.

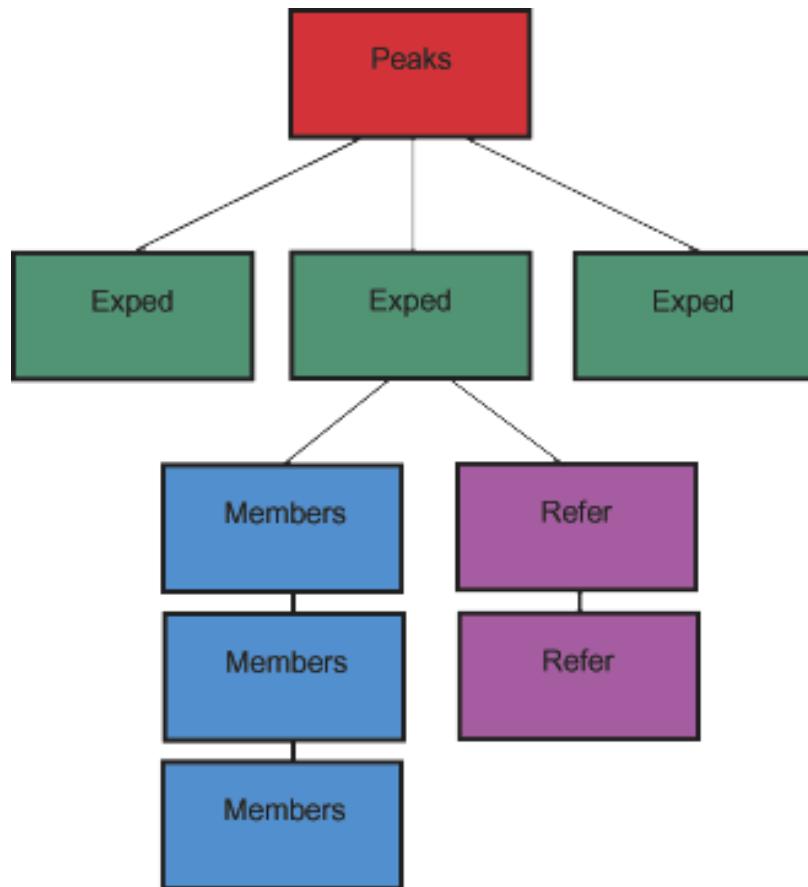
Billi Bierling

In 2016 Hawley retired from active participation in the project and was succeeded by Billi Bierling, her long-time assistant since 2003. Bierling has been an active climber and guide in Nepal and has summited several of the 8000m peaks including Everest, Manaslu, Lhotse and Makalu. Bierling is a journalist by profession and also works part-time with several groups from the United Nations and the Swiss Development Agency.

Himalayan Database Organization

The heart of the Himalayan Database is comprised of three separate tables, one for all the mountaineering peaks of Nepal, one for all the expeditions that have climbed in Nepal or on its border peaks, and one for the members of those expeditions. A fourth table has been added for literature references for those expeditions.

The relations between these four tables is shown pictorially:



The **Peaks** table describes the mountaineering peaks of Nepal, one record for each peak. There are more than 450 records in this table.

The **Exped** table describes each of the climbing expeditions. There are more than 9600 records in this table.

The **Members** table describes each of the members on the climbing team and hired personnel who were significantly involved in the expedition. There are more than 70,000 records in this table.

The **Refer** table describes the literature references for each expedition, primarily major books and journal and magazine articles. There are more than 10,000 records in this table.

The data structures are described in greater detail in Appendix B.

The Himal Program

The **Himal** program is a Microsoft Visual FoxPro™ application that:

- Views and searches the data
- Generates viewable and printed reports
- Generates export files for Microsoft Excel
- Performs data analyses on aggregate data

Expeditions can be viewed individually by specifying a peak, year, and season or combination thereof.

Simple searches on expeditions and members can be performed on selected fields of the database using criteria such as:

- Peak name
- Success or death
- Oxygen use
- Member age, gender, or citizenship

For example, one can easily search for the names of all women who reached the summit of Cho Oyu in spring 1999. A formal search expression language is also provided to perform more complex searches across all fields of the database.

The Himal program provides a robust set of commands for data analysis (e.g., success or death rates). Analyses may be performed on each of the peaks or groups of peaks using varying criteria such gender, ascents, deaths, oxygen use, and members versus hired personnel. The results may be categorized by:

- Peak altitude range
- Expedition years and seasons
- Member age ranges
- Citizenship

For example, one can calculate success rates by age groups for Everest or calculate death rates by climber citizenship for all peaks over 8000 meters.

Preset reports are also available for listing peak and season data and statistical summaries for expeditions, members, ascents, and deaths. Special reports are also provided for number of climbers above base camp, for women's expeditions, and for Nepalis, Sherpas, Tibetans, and Indians who have climbed 8000-meter peaks.

Most results generated by the preset reports and the associated statistical summaries can be exported as Microsoft Excel™ spreadsheets for further analysis.

Computer System Requirements

The Himalayan Database requires a PC running Windows XP, Windows 7, 8, 8.1 or 10. The Himalayan Database may also be used on Intel-based Macintosh computers with OS X 10.6 or greater (see Appendix K and L and the Himalayan Database website for instructions). The instructions for installing the Himalayan Database program are given in Appendix D.

Before using the database, familiarize yourself with the peak and expedition naming systems described below.

Displaying the Data

A 4-character peak ID identifies all peaks in the database. Some of the more common peak IDs are:

AMAD	Ama Dablam
ANN1	Annapurna I
ANN2	Annapurna II
CHOY	Cho Oyu
DHA1	Dhaulagiri I
EVER	Everest
KANG	Kangchenjunga
LANG	Langtang Lirung
LHOT	Lhotse
MAKA	Makalu
MANA	Manaslu
NUPT	Nuptse
PUMO	Pumori
YALU	Yalung Kang

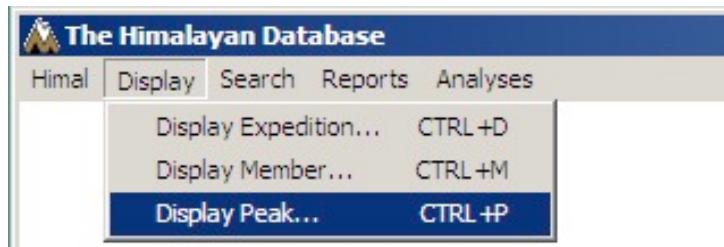
Several peaks are known by both a foreign name and a local name. Some of the more common are:

EVER	Everest	Sagarmatha, Chomolungma
FANG	Fang	Baraha Shikhar
GIME	Twins	Gimmigela East
GIMM	Twins	Gimmigela Main
GLAC	Glacier Dome	Tarke Kang
IMJA	Island Peak	Imjatse
JANU	Jannu	Khumbhakarna
KIRA	Tent Peak	Kirat Chuli
MAK2	Makalu II	Kangchungtse
NGOJ	Tenzing Peak	Ngojumba Kang
NGO3	Hillary Peak	Ngojumba Kang III
ROCN	Roc Noir	Khangsar Kang
PYRM	Pyramid Peak	Pathibhara Chuli
SPHN	Sphinx	Pathibhara Phurba

A complete listing of all the peaks in the database, along with alternative names, is given in Appendix A.

Displaying Peaks

Use the **Display Peak** command in the **Display** menu to display additional peak identifiers and peak information.

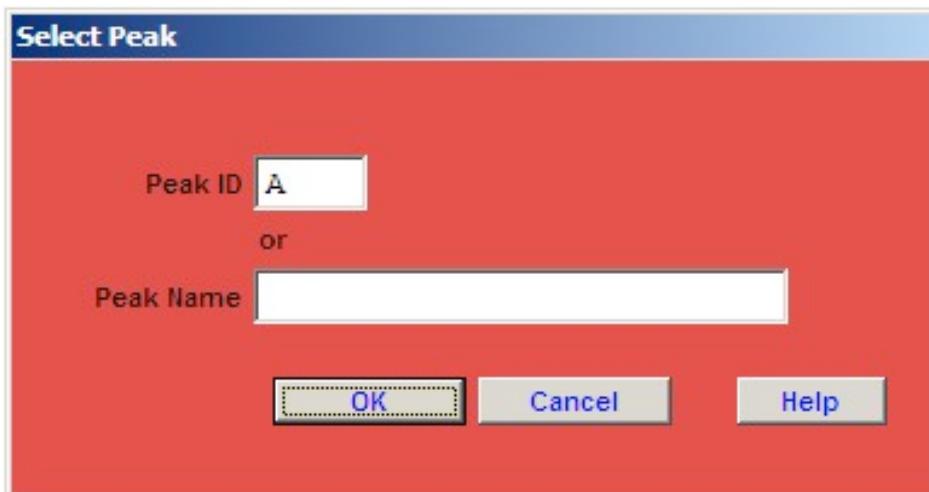


You may either select the command by pulling down the menu or use the **CTRL+P** keyboard shortcut. The keyboard shortcut is indicated to the right of the command name in the menu for those commands that have shortcuts.

In the Select Peak dialog box, enter either the peak ID or the peak name (or a portion thereof). If you enter a portion, you will get listing of peaks that match your entry, for example:

ANN1	displays Annapurna I
ANN	displays all peaks with IDs starting with "ANN" (the Annapurnas)
Langtang Ri	displays Langtang Ri
Langtang	displays Langtang Lirung, Langtang Ri, and Ghenge Liru (Langtang II)
Tent	displays the two Tent Peaks (Kirat Chuli, Tharpu Chuli) (Tent Peak is an alternate name for these two peaks)

Using the Peak Name field is most useful when you are unsure of the Peak ID. For example, to get a listing of all peak IDs starting with A, enter "A" into the Peak ID field in the Select Peak dialog box:



This will then display the Select Peak grid:

Select Peak

"o" indicates open peak, "t" indicates trekking peak

Peak ID	Hgtm	Peak Name	Alternate Names
ACHN	6055 o	Aichyn	Aychin, Ashvin
AGLE	6675 o	Agole East	Angole East
AMAD	6814 o	Ama Dablam	Amai Dablang
AMOT	6393 o	Amotsang	Amatson
AMPG	5630 o	Amphu Gyabjen	
AMPH	6740 o	Amphu I	
AMPM	6202	Amphu Middle	Amphu North
ANID	6808 o	Anidesh Chuli	White Wave Peak
ANN1	8091 o	Annapurna I	
ANN2	7937 o	Annapurna II	
ANN3	7555 o	Annapurna III	
ANN4	7525 o	Annapurna IV	
ANNE	8026 o	Annapurna I - East Smt	
ANNM	8051 o	Annapurna I - Middle Smt	
ANNS	7219 o	Annapurna South	Annapurna Dakshin, Moditse
APIM	7132 o	Api Main	
APIW	7076 o	Api West	
ARDN	6034 o	Ardang	
ARNK	6034 o	Arniko Chuli	Araniko Chuli
ASAJ	6265 o	Asajya Tappa	

Double-clicking on a Peak ID line (e.g., ANN1) displays that peak's screen:

Peak Name & 1st Ascent		Peak Notes	Peak References
Peak ID	ANN1		
Peak Name	Annapurna I	Hosts	Nepal
Alt Names			
Location	Annapurna Himal		
Height	8091 (m)	26545 (ft)	Himal Annapurna
			<input type="button" value="▼"/>
Region	Annapurna-Damodar-Peri		
Restrictions			
Climb Status	Climbed	<input checked="" type="checkbox"/> Open	<input type="checkbox"/> Unlisted
		<input type="checkbox"/> Trekking	Trekking Peak Year <input type="text"/>
First Ascent			
Year	1950	Season	Spring
			<input type="button" value="▼"/>
	Date (mmm dd) Jun 03		
Countries	France		
Summiters	Maurice Herzog, Louis Lachenal		
Smt Notes			
Exp ID	ANN1-501-01	<input type="button" value="Display First Ascent"/>	

Displaying Expeditions

A 9-character ID identifies all expeditions and is given in the form

pppp-yyss-nn

where “pppp” is the peak ID, “yy” is the last two digits of the year, “s” is the season, and “nn” is the expedition number. The seasons are numbered as 1=spring, 2=summer, 3=autumn, and 4=winter. For example,

ANN1-701-01

is the expedition ID for Chris Bonington’s Annapurna South Face expedition in the spring of 1970 and

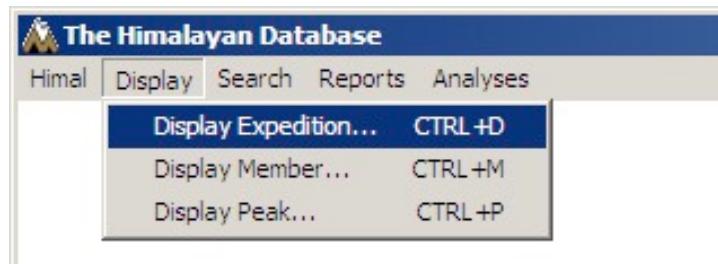
EVER-843-05

is the very controversial Dutch Everest expedition in autumn of 1984 (there were a total of six expeditions to Everest that season), and

KANG-091-05

is the spring of 2009 Kangchenjunga expedition on which Edurne Pasaban of Spain became the first woman to complete the 14 8000ers.

Use the **Display Expedition** command in the **Display** menu to display an expedition or a list of expeditions.



For example, to display all of the Everest expeditions of the spring of 1996, enter the EVER peak ID and the year/season range in the Select Expedition dialog box:



Other combinations also can be used in the Select Expedition dialog box. You may enter a combination of a peak ID, a year and/or season range, a nation, a sponsor, an agency, a host country or a region. For example:

EVER	displays all Everest expeditions (a very long list)
1980 Winter	displays all winter expeditions in 1980
1960 to 1969	displays all expeditions in the 1960s
KANG, India	displays all Indian Kangchenjunga expeditions
EVER, Brice	displays all Everest expeditions led by Russell Brice
EVER, IMG	displays all IMG Everest expeditions

The **Help** button in the lower right corner of this dialog and most other dialogs provides additional information about using the options.

You can also display a single expedition using the 9-character expedition ID. For example, to display the Everest IMAX expedition of the spring of 1996, enter its expedition ID, EVER-961-04, in the Select Expedition dialog box:

Select Expedition

Peak ID	<input type="text"/>	<input type="button" value="Select Peak"/>
Year/Season	<input type="text"/> to <input type="text"/>	All <input type="button"/>
Nation	<input type="text"/>	
Leader	<input type="text"/>	
Sponsor	<input type="text"/>	
Agency	<input type="text"/>	
Host Cntry	All <input type="button"/>	
Region	All <input type="button"/>	
or		
Exped ID	<input type="text" value="EVER-961-04"/>	
<input type="button" value="OK"/> <input type="button" value="Cancel"/> <input type="button" value="Help"/>		

Continuing with the first dialog example, EVER 1996 Spring displays the Select Expedition grid below showing all of the spring 1996 Everest expeditions (expeditions preceded by a “+” were successful).

Select Expedition

+ indicates successful expedition; - indicates a fatality on expedition; ± indicates both

	Exp ID	Season	Nation	Leaders
► ±	EVER-961-01	Spr 1996	Taiwan	Gau Ming-Ho (Makalu)
	EVER-961-02	Spr 1996	Norway	Petter Neby
	EVER-961-03	Spr 1996	UK	Malcolm Duff
+	EVER-961-04	Spr 1996	USA	David Breashears
+	EVER-961-05	Spr 1996	Spain	Jose Antonio Martinez
	EVER-961-06	Spr 1996	Yugoslavia	Radosav Nikcevic
+	EVER-961-07N	Spr 1996	Japan	Katsutoshi Ikebe, Mitsuo Uematsu
±	EVER-961-08	Spr 1996	S Africa	Ian Woodall
+	EVER-961-09N	Spr 1996	Russia	Sergei Antipine
±	EVER-961-10N	Spr 1996	India	Mohinder Singh
+	EVER-961-11	Spr 1996	France	Thierry Renard
	EVER-961-12N	Spr 1996	Germany	Goetz Wiegand
±	EVER-961-13	Spr 1996	USA	Scott Fischer
+	EVER-961-14N	Spr 1996	Norway	Jon Gangdal
±	EVER-961-15	Spr 1996	New Zealand	Rob Hall
	EVER-961-16	Spr 1996	UK	Henry Todd
	EVER-961-17N	Spr 1996	Spain	Joan Cardona
+	EVER-961-18N	Spr 1996	UK	Simon Lowe
+	EVER-961-19	Spr 1996	Sweden	Goran Kropp
+	EVER-961-20N	Spr 1996	Japan	Koji Yamazaki
	EVER-961-21N	Spr 1996	Taiwan	Tsai Fong-Bin
-	EVER-961-22N	Spr 1996	Hungary	Sandor Nagy
	EVER-961-23	Spr 1996	USA	Peter Athans

Double-click entry to display expedition

Count = 30

Order

Note in the Select Expedition grid above, the order of the display may be changed via the Order combo box in the lower left corner – the choices are:

Year/Season
Nation
Agency

The information displayed in the rightmost Leaders column may be changed via the Leaders combo box in the lower right-hand corner – the choices are:

Leaders
Sponsor
Agency
Route
Exped Statistics

Double-clicking on the fourth line in the above grid displays the EVER-961-04 Expedition screen:

Expedition

EVER-961-04 Everest (8850m) USA Spring 1996

Name & Nationality	Expedition Details	Route Notes	Accidents & Achievements	Members	Literature
Nationality USA	Year/Season 1996	Spring	Host Cntry Nepal		
Other Cntrys Austria, Spain, India, Japan, UK					
SponsorName Everest IMAX Filming Expedition					
Leadership David Breashears					
Success	Route	Ascent			
R1 <input checked="" type="checkbox"/>	S Col-SE Ridge	241			
R2 <input type="checkbox"/>					
R3 <input type="checkbox"/>					
R4 <input type="checkbox"/>					
<input type="checkbox"/> Success Disputed or Unverified	<input checked="" type="checkbox"/> Primarily on standard route				
<input type="checkbox"/> Claim Unrecognized	<input checked="" type="checkbox"/> Primarily on commercial route				
Other Summits					
Info with Primary Expedition					
<input type="checkbox"/> Route	<input type="checkbox"/> Members	<input type="checkbox"/> Literature	Primary Exp	- - -	<input type="button" value="Display Primary Expedition"/>
<input type="button" value="Display Peak"/>	<input type="button" value="Exit"/>	<input type="button" value="Print"/>	<input type="button" value="Prev Exp"/>	<input type="button" value="Next Exp"/>	

The Expedition screen has six different panels: Name & Nationality, Expedition Details, Route Notes, Accidents & Achievements, Members, and Literature. Navigate between panels by clicking on the panel tabs:

Expedition

EVER-961-04 Everest (8850m) USA Spring 1996

Name & Nationality	Expedition Details	Route Notes	Accidents & Achievements	Members	Literature		
Approach							
Arrived BC	03/04/1996	Left BC	28/05/1996	Total Days	55		
Termination	Success (Main Peak)	<input type="checkbox"/> Traverse <input type="checkbox"/> Ski/Snowboard <input type="checkbox"/> Parapente					
Termination Details							
Smt/HP Date&Time	23/05/1996	11:00	High Pt (m)	8850	Summit/HP Days	50	
Total Members	13	Members on Smt	5	Member Deaths	0	High Camps	4
Hired Above BC	18	Hired on Smt	5	Hired Deaths	0	Fixed Rope (m)	0
<input type="checkbox"/> No Hired Above BC							
Oxygen							
<input type="checkbox"/> Not Used <input checked="" type="checkbox"/> Climbing <input type="checkbox"/> Descent <input checked="" type="checkbox"/> Sleeping <input type="checkbox"/> Medical <input checked="" type="checkbox"/> Used <input type="checkbox"/> Unknown <input type="checkbox"/> Taken (Not Used)							
Camp Site Details							
BC (03/04, 5350m), C1 (10/04, 5900m), C2 (16/04, 6500m), C3 (22/04, 7300m), C4 (22/05, 7900m), Smt (23/05)							
6 Members Above BC 6 Members Above BC Hoping to Smt							
Display Peak		Exit	Print	Prev Exp	Next Exp		

Expedition

EVER-961-04 Everest (8850m) USA Spring 1996

Name & Nationality	Expedition Details	Route Notes	Accidents & Achievements	Members	Literature
Route Notes					
C1 at top of Icefall (just) C2 in West Cwm C3 on Lhotse Face C4 at South Col. Went to C3 on 7th for summit bid on 9th but when all 6 members woke up at 8 am winds screaming and saw 30 people coming up the face; decided weather not good enough, didn't want to get caught up in crowd, not good for filming in wind shaking pod; just wasn't the time to go up with weather - not true sudden storm on 10th afternoon; each day pattern was fog on Col in late afternoon and fierce winds blew up in mid-morning from 7th. So down to C2 on 8th. Viesturs, Schauer and Breashears up to body of Taiwanese who died on ropes between C2 and C3 at about 3:00 pm on 9th and immediately they went up bring his body down to C2. 11th when realized disaster had struck above and at Col, so these 3 men and Gustafsson and Spanish woman up to C3 and Schauer and Viesturs up higher and met Athans and Burleson coming down with Weathers and took over lowering and escorting Weathers to C3 (Spanish had been making drinks for all people coming down face). Rested at BC and started about 17th and waited at C2 for good weather report and 22nd up to Col by all six climbing members and 9 Sherpas. 23rd Suzuki told to stay at col (not strong -for safety) and 5 members and 7 Sherpas was up for summit, 2 Sherpas designate to carry oxygen to 27,500 and return to Col to be in support at Col if needed. Viesturs arrived at top 11:00 am, Breashears 11:20 am and rest between 11:20 and 12:00 noon - returned to C4 to sleep: Viesturs 2:30 pm and rest by 4:00 pm. 24th to C2, 26th BC.					
Display Peak		Exit	Print	Prev Exp	Next Exp

Expedition

EVER-961-04 Everest (8850m) USA Spring 1996

Name & Nationality	Expedition Details	Route Notes	Accidents & Achievements	Members	Literature
--------------------	--------------------	-------------	--------------------------	---------	------------

Accidents
None

Achievements
Schauer only to summit Everest 18 years after first ascent on 2nd ascent

Agency Peak Promotion

[Display Peak](#) [Exit](#) [Print](#) [Prev Exp](#) [Next Exp](#)

Expedition

EVER-961-04 Everest (8850m) USA Spring 1996

Name & Nationality	Expedition Details	Route Notes	Accidents & Achievements	Members	Literature
--------------------	--------------------	-------------	--------------------------	---------	------------

(L=Leader, S=Summitted, d=Disputed, u=Unrecognized, H=High Pt, D=Deceased, I=Injured)

ID	Name	Citizen	Sex	Smt/HP Dt	Time	Rte	Status
01	David Finlay Breashears (L)(S)	USA	M	23/05/96	11:20	1	Leader
02	Edmund Karl (Ed) Viesturs (L)(S)	USA	M	23/05/96	11:00	1	Deputy Leader
03	Jamling Tenzing Norgay (S)	India	M	23/05/96		1	Climber
04	Roger Bilham	USA	M				Climber
05	Elizabeth (Liz) Cohen	USA	F				Film Team
06	Stephen (Steve) Judson	USA	M				Film Team
07	Brad Ohlund	USA	M				Film Team
08	Gerard A. (Gerry) Roach	USA	M				Climber
09	Audrey Mary Salkeld	UK	F				Member
10	Hans Robert Schauer (S)	Austria	M	23/05/96		1	Climber
11	Araceli Segarra Roca (S)	Spain	F	23/05/96		1	Climber
12	Sumiyo Tsuzuki	Japan	F	22/05/96		1	Climber
13	Paula Viesturs	USA	F				BC Manager
14	Dorje Sherpa (S)	Nepal	M	23/05/96		1	H-A Worker
15	Jangbu Sherpa (S)	Nepal	M	23/05/96		1	H-A Worker
16	Lhakpa Dorje Sherpa (S)	Nepal	M	23/05/96		1	H-A Worker
17	Muktu Lhakpa (Muktuk) Sherpa (S)	Nepal	M	23/05/96		1	H-A Worker
18	Thilen Sherpa (S)	Nepal	M	23/05/96		1	H-A Worker

Double-click entry to display member

[Display Peak](#) [Exit](#) [Print](#) [Prev Exp](#) [Next Exp](#)

Expedition

EVER-961-04 Everest (8850m) USA Spring 1996

Name & Nationality	Expedition Details	Route Notes	Accidents & Achievements	Members	Literature
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Literature References

Coburn, Broughton, "Everest, Mountain Without Mercy", 1997

Breashears, David, "High Exposure", 1999
 Sherpa, Jamling Tenzing Norgay, "Touching My Father's Soul", 2001
<http://outside.away.com/peaks/viesturs/index.html>

Double-click entry to display literature record; Right-click to link to web site

Display Peak Exit Print Prev Exp Next Exp

The fifth panel of the Expedition screen, the Members panel, is the gateway into the Members table. Click on the grid lines to display biographical information for each climber. For example, clicking the Breashears line displays:

Member

EVER-961-04 Everest (8850m) USA Spring 1996 D Breashears 01

Member Biodata		Member & Death Notes	
Name: Given <input type="text" value="David Finlay"/> Family <input type="text" value="Breashears"/> Sex <input type="radio"/> M Age <input type="text" value="40"/> Year of Birth <input type="text" value="1955"/> Citizen <input type="text" value="USA"/>		<input checked="" type="checkbox"/> Leader <input type="checkbox"/> Deputy <input type="checkbox"/> HA Supp <input type="checkbox"/> BC/ABC Only <input type="checkbox"/> Not to BC <input type="checkbox"/> Hired <input type="checkbox"/> Sherpa <input type="checkbox"/> Tibetan <input type="checkbox"/> Disabled <input checked="" type="checkbox"/> Success <input type="checkbox"/> Unrecog <input type="checkbox"/> Disputed	
Smt/HP Date&Time Rte# Asc#		Oxygen <input type="checkbox"/> Solo <input type="checkbox"/> Not Used <input checked="" type="checkbox"/> Climbing <input type="checkbox"/> Descent <input type="checkbox"/> Traverse <input checked="" type="checkbox"/> Sleeping <input type="checkbox"/> Medical <input checked="" type="checkbox"/> Used <input type="checkbox"/> Ski/Snowboard <input type="checkbox"/> Parapente <input type="checkbox"/> Speed Ascent At & above Col	
1st <input type="text" value="23/05/1996"/> <input type="text" value="11:20"/> Rte# <input type="text" value="1"/> Asc# <input type="text" value="241"/> 2nd <input type="text" value="/"/> <input type="text" value="/"/> : <input type="text" value="0"/> <input type="text" value="0"/> 3rd <input type="text" value="/"/> <input type="text" value="/"/> : <input type="text" value="0"/> <input type="text" value="0"/> <input checked="" type="checkbox"/> Reached High Pt High Pt <input type="text" value="8850"/>		Date&Time Altitude (m) Primary Cause <input type="checkbox"/> Death <input type="text" value="/"/> <input type="text" value=""/> : <input type="text" value="0"/> <input type="text" value=""/> <input type="checkbox"/> Injury <input type="text" value="/"/> <input type="text" value=""/> : <input type="text" value="0"/> <input type="text" value=""/> Death Classification <input type="checkbox"/> AMS <input type="checkbox"/> Bad Weather/Storms	
Residence <input type="text" value="Newton, Massachusetts"/> Occupation <input type="text" value="Film-maker"/>			

Show Expedition Other Expeds Exit Print Prev Mbr Next Mbr

Member

EVER-961-04 Everest (8850m) USA Spring 1996 D Breashears 01

Member Biodata	Member & Death Notes
Death & Injury Notes	
Member Notes	
Director of Everest IMAX film	
Necrology	

Show Expedition Other Expeds Exit Print Prev Mbr Next Mbr

Similarly, the sixth panel of the Expedition screen, the Literature panel, is the gateway to the References table. Clicking on the Coburn line displays:

Literature Reference

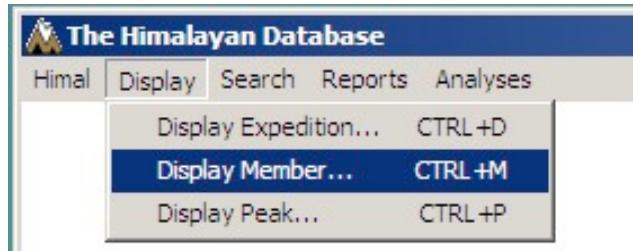
EVER-961-04 Everest (8850m) USA Spring 1996 01

Type	Book		
Author(s)	Coburn, Broughton		
Title/URL	Everest, Mountain Without Mercy		
Publisher	National Geographic Society, Washington, DC		
Pub Year	1997	Language	Yakushi 94
Jrnl/Mag		Citation	
Reference Notes			

Show Website in Browser Exit Prev Ref Next Ref

Displaying Members

Use the **Display Member** command in the **Display** menu to directly display the biographical information about a member and link to all of their expeditions.



For example, to display information about Benoit Chamoux, enter his last name “Chamoux” (or a beginning, such as “Chamo”) in the Select Member dialog box:



Other combinations also can be used in the Select Member dialog box. For example, you may enter a combination of last name, first name, citizenship, agency, summit date range, and/or peak ID.

Continuing with the above example, entering “Chamo” displays the Select Member grid showing all the expeditions that Benoit Chamoux and other climbers whose name start with “Chamo” participated in.

Note in the following panel, the Order, Citizenship and YOB/Age combo boxes change the information that is displayed in the Member grid – the choices are:

Name	Citizen	Summit Date
Citizenship	Residence	High Point
Year/Season	Nation (Leader)	YOB/Age
Exped ID	Sponsor	
	Agency	
	Route	
	Occupation	
	Status	

Select Member				
(S=Summited, d=Disputed, u=Unrecognized, D=Deceased)				
Exp ID	Citizenship	Name	YOB/Age	
DHA1-001-02	Spain	Juan Carlos Chamoso Acosta	1960	
MANA-901-03	France	Michel-Albert Chamot	1956	
TILI-911-01	France	Michel-Albert Chamot	1956	
DHA2-843-01	France	Benoit Chamoux	1961	
EVER-844-02	France	Benoit Chamoux	1961	
ANN1-881-01	France	Benoit Chamoux (S)	1961	
EVER-883-02N	France	Benoit Chamoux	1961	
MANA-891-02	France	Benoit Chamoux (S)	1961	
CHOY-901-03N	France	Benoit Chamoux (u)	1961	
EVER-923-10	France	Benoit Chamoux (S)	1961	
DHA1-933-02	France	Benoit Chamoux (Sd)	1961	
LHOT-943-04	France	Benoit Chamoux (S)	1961	
MAKA-951-04	France	Benoit Chamoux (Sd)	1961	
KANG-953-05	France	Benoit Chamoux (D)	1961	
TILI-033-02	France	Nicolas Chamoux	1966	

Double-click entry to display member

Count = 15

Order Name Citizenship Exit Print List YOB/Age

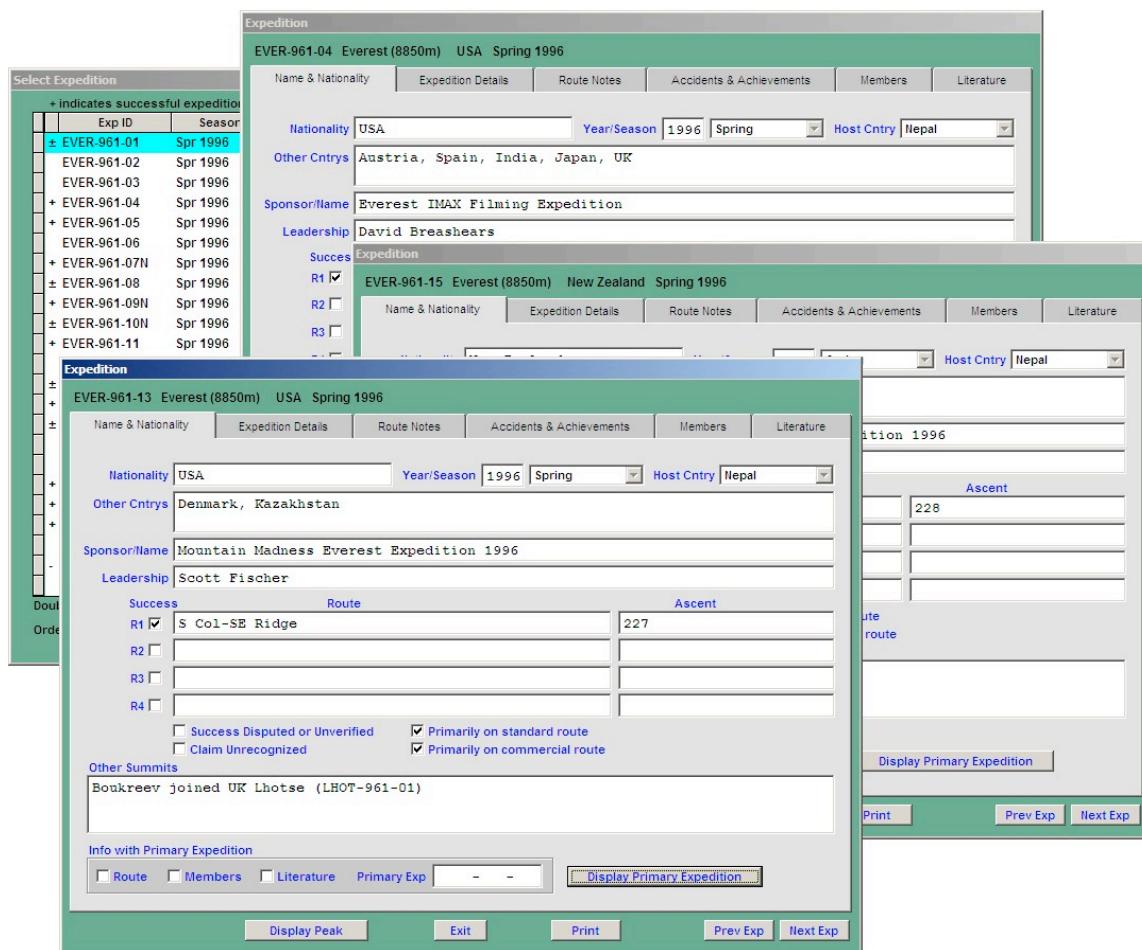
The (S) and (D) after the names indicates on which expeditions they were successful in reaching the summit or they died. Selecting the entry for the Kangchenjunga autumn 1995 expedition displays:

Member																																																					
KANG-953-05 Kangchenjunga (8586m) France Autumn 1995																																																					
B Chamoux 01																																																					
<table border="1"> <tr> <td colspan="2">Member Biodata</td> <td colspan="2">Member & Death Notes</td> </tr> <tr> <td colspan="2"> Name: Given Benoit Family Chamoux Sex M Age 34 Year of Birth 1961 Citizen France </td> <td colspan="2"> <input checked="" type="checkbox"/> Leader <input type="checkbox"/> Deputy <input type="checkbox"/> HA Supp <input type="checkbox"/> BC/ABC Only <input type="checkbox"/> Not to BC </td> </tr> <tr> <td colspan="2"> <input type="checkbox"/> Hired <input type="checkbox"/> Sherpa <input type="checkbox"/> Tibetan <input type="checkbox"/> Disabled <input type="checkbox"/> Success <input type="checkbox"/> Unrecog <input type="checkbox"/> Disputed </td> <td colspan="2"> Smt/HP Date&Time Rte# Asc# </td> </tr> <tr> <td colspan="2"> 1st 05/10/1995 : 1 0 </td> <td colspan="2"> Oxygen </td> </tr> <tr> <td colspan="2"> 2nd / / : 0 0 </td> <td colspan="2"> <input type="checkbox"/> Solo <input checked="" type="checkbox"/> Not Used <input type="checkbox"/> Climbing <input type="checkbox"/> Descent <input type="checkbox"/> Traverse <input type="checkbox"/> Sleeping <input type="checkbox"/> Medical <input type="checkbox"/> Used <input type="checkbox"/> Ski/Snowboard <input type="checkbox"/> Parapente <input type="checkbox"/> Speed Ascent </td> </tr> <tr> <td colspan="2"> 3rd / / : 0 0 </td> <td colspan="2"> Reached High Pt High Pt 8545 </td> </tr> <tr> <td colspan="2"> <input checked="" type="checkbox"/> Reached High Pt High Pt 8545 </td> <td colspan="2"> Summit Bid Aborted above high camp Accident (Death or Injury to Self or Others) </td> </tr> <tr> <td colspan="2"> Date&Time Altitude (m) Primary Cause </td> <td colspan="2"> Death Classification </td> </tr> <tr> <td colspan="2"> <input checked="" type="checkbox"/> Death 06/10/1995 19:00 8350 Fall </td> <td colspan="2"> <input type="checkbox"/> AMS <input type="checkbox"/> Bad Weather/Storms <input type="checkbox"/> Injury / / : 0 Descending from summit bid </td> </tr> <tr> <td colspan="2"> Residence La Roche-sur-Foron, Haute-Savoie, France </td> <td colspan="2"> Occupation Alpine guide </td> </tr> <tr> <td colspan="2"> <input type="button" value="Show Expedition"/> </td> <td colspan="2"> <input type="button" value="Other Expeds"/> </td> </tr> <tr> <td colspan="2"> <input type="button" value="Exit"/> </td> <td colspan="2"> <input type="button" value="Print"/> </td> </tr> <tr> <td colspan="2"> <input type="button" value="Prev Lst"/> </td> <td colspan="2"> <input type="button" value="Next Lst"/> </td> </tr> </table>		Member Biodata		Member & Death Notes		Name: Given Benoit Family Chamoux Sex M Age 34 Year of Birth 1961 Citizen France		<input checked="" type="checkbox"/> Leader <input type="checkbox"/> Deputy <input type="checkbox"/> HA Supp <input type="checkbox"/> BC/ABC Only <input type="checkbox"/> Not to BC		<input type="checkbox"/> Hired <input type="checkbox"/> Sherpa <input type="checkbox"/> Tibetan <input type="checkbox"/> Disabled <input type="checkbox"/> Success <input type="checkbox"/> Unrecog <input type="checkbox"/> Disputed		Smt/HP Date&Time Rte# Asc#		1st 05/10/1995 : 1 0		Oxygen		2nd / / : 0 0		<input type="checkbox"/> Solo <input checked="" type="checkbox"/> Not Used <input type="checkbox"/> Climbing <input type="checkbox"/> Descent <input type="checkbox"/> Traverse <input type="checkbox"/> Sleeping <input type="checkbox"/> Medical <input type="checkbox"/> Used <input type="checkbox"/> Ski/Snowboard <input type="checkbox"/> Parapente <input type="checkbox"/> Speed Ascent		3rd / / : 0 0		Reached High Pt High Pt 8545		<input checked="" type="checkbox"/> Reached High Pt High Pt 8545		Summit Bid Aborted above high camp Accident (Death or Injury to Self or Others)		Date&Time Altitude (m) Primary Cause		Death Classification		<input checked="" type="checkbox"/> Death 06/10/1995 19:00 8350 Fall		<input type="checkbox"/> AMS <input type="checkbox"/> Bad Weather/Storms <input type="checkbox"/> Injury / / : 0 Descending from summit bid		Residence La Roche-sur-Foron, Haute-Savoie, France		Occupation Alpine guide		<input type="button" value="Show Expedition"/>		<input type="button" value="Other Expeds"/>		<input type="button" value="Exit"/>		<input type="button" value="Print"/>		<input type="button" value="Prev Lst"/>		<input type="button" value="Next Lst"/>	
Member Biodata		Member & Death Notes																																																			
Name: Given Benoit Family Chamoux Sex M Age 34 Year of Birth 1961 Citizen France		<input checked="" type="checkbox"/> Leader <input type="checkbox"/> Deputy <input type="checkbox"/> HA Supp <input type="checkbox"/> BC/ABC Only <input type="checkbox"/> Not to BC																																																			
<input type="checkbox"/> Hired <input type="checkbox"/> Sherpa <input type="checkbox"/> Tibetan <input type="checkbox"/> Disabled <input type="checkbox"/> Success <input type="checkbox"/> Unrecog <input type="checkbox"/> Disputed		Smt/HP Date&Time Rte# Asc#																																																			
1st 05/10/1995 : 1 0		Oxygen																																																			
2nd / / : 0 0		<input type="checkbox"/> Solo <input checked="" type="checkbox"/> Not Used <input type="checkbox"/> Climbing <input type="checkbox"/> Descent <input type="checkbox"/> Traverse <input type="checkbox"/> Sleeping <input type="checkbox"/> Medical <input type="checkbox"/> Used <input type="checkbox"/> Ski/Snowboard <input type="checkbox"/> Parapente <input type="checkbox"/> Speed Ascent																																																			
3rd / / : 0 0		Reached High Pt High Pt 8545																																																			
<input checked="" type="checkbox"/> Reached High Pt High Pt 8545		Summit Bid Aborted above high camp Accident (Death or Injury to Self or Others)																																																			
Date&Time Altitude (m) Primary Cause		Death Classification																																																			
<input checked="" type="checkbox"/> Death 06/10/1995 19:00 8350 Fall		<input type="checkbox"/> AMS <input type="checkbox"/> Bad Weather/Storms <input type="checkbox"/> Injury / / : 0 Descending from summit bid																																																			
Residence La Roche-sur-Foron, Haute-Savoie, France		Occupation Alpine guide																																																			
<input type="button" value="Show Expedition"/>		<input type="button" value="Other Expeds"/>																																																			
<input type="button" value="Exit"/>		<input type="button" value="Print"/>																																																			
<input type="button" value="Prev Lst"/>		<input type="button" value="Next Lst"/>																																																			

The **Show Expedition** button in the lower left corner links to the Expedition screen for this expedition. The **Other Expeds** button displays other expeditions in which this person participated.

Displaying Multiple Screens

Several screens—Expedition, Member, Literature Reference, and Peak—can be displayed simultaneously by placing the cursor on the title bar at the very top of the screen and dragging it to another location on your monitor. In the earlier example for displaying Everest expeditions of the spring of 1996, you can move the screens around (after selecting other expeditions from the Select Expedition grid for EVER-961 in the earlier example) so that your monitor screen appears as:



Or you can display several members of one expedition by moving the Member screens after selecting from the Members panel of the Expedition screen:

The screenshot displays the Climber software interface. At the top, a blue header bar shows the expedition details: EVER-961-15 Everest (8850m) New Zealand Spring 1996. To the right, it says R Hall 01. Below the header, the main window is divided into several panes:

- Expedition:** Shows the expedition details again.
- Name & Nationality:** A table listing member names and nationalities, with columns for ID, Name, and Status (L=Leader, S=Summiter).
- Expedition Details:** A table showing member roles: Route Notes, Accidents & Achievements, Members, and Literature.
- Member:** A detailed view of member R Hall 01. It includes fields for Name (Given: Douglas, Family: Hansen), Sex (M), Age (31), Year of Birth (1964), Citizen (New Zealand), and Status (Climber). It also lists攀登 (Ascents) and descent (Descents) details, including Smt/HP Date&Time, Rte#, Asc#, and various climbing modes like Solo, Traverse, Ski/Snowboard, Parapente, and Speed Ascent. An "Oxygen" section includes checkboxes for Not Used, Climbing, Descent, Sleeping, Medical, and Used. A "Success" section indicates a successful bid at 10/05/1996 at 8400m due to Fall. Death classification includes AMS and Bad Weather/Storms.
- Member & Death Notes:** A tab showing notes for member R Hall 01.
- Member & Death Notes:** A tab showing notes for member D Hansen 04.
- Member & Death Notes:** A tab showing notes for member Y Namba 10.

At the bottom, there are buttons for Show Expedition, Other Expeds, Exit, Print, Prev Mbr, and Next Mbr.

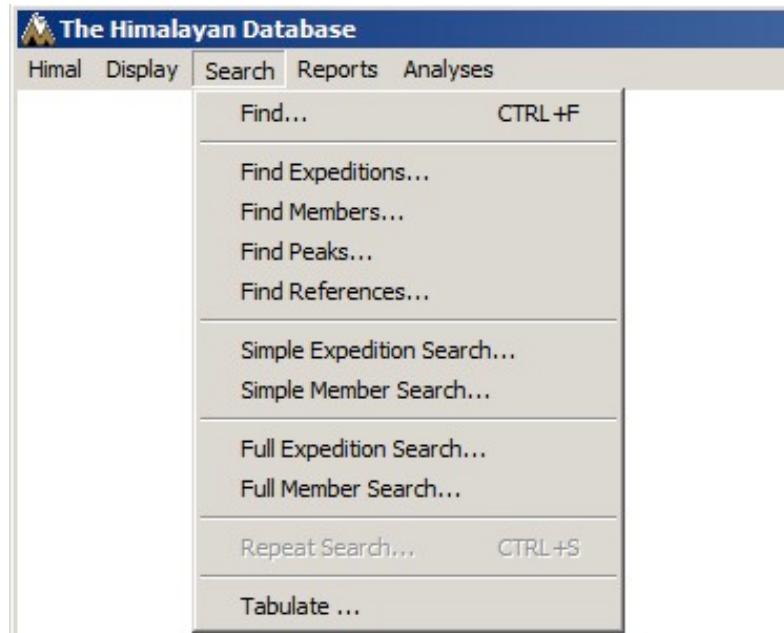
Searching the Data

There are five types of commands for searching the data.

- (1) The **Find** command searches for a character string in a single field in the Expeditions, Members, Peaks, or References tables.
- (2) The **Find Expeditions, Members, Peaks, and References** commands search for data in multiple fields using a simple format modeled after the corresponding screens.
- (3) The **Simple Expedition Search** and **Simple Member Search** commands search for data in multiple fields in either the Expeditions or Members tables, but offer more choices than the Find Expeditions and Find Members commands.
- (4) The **Full Expedition Search** and **Full Member Search** commands are used for very targeted data searches in either the Expeditions or Members tables.
- (5) The **Tabulate** command executes 1-way or 2-way tabulations of fields in the Expeditions and Members tables.

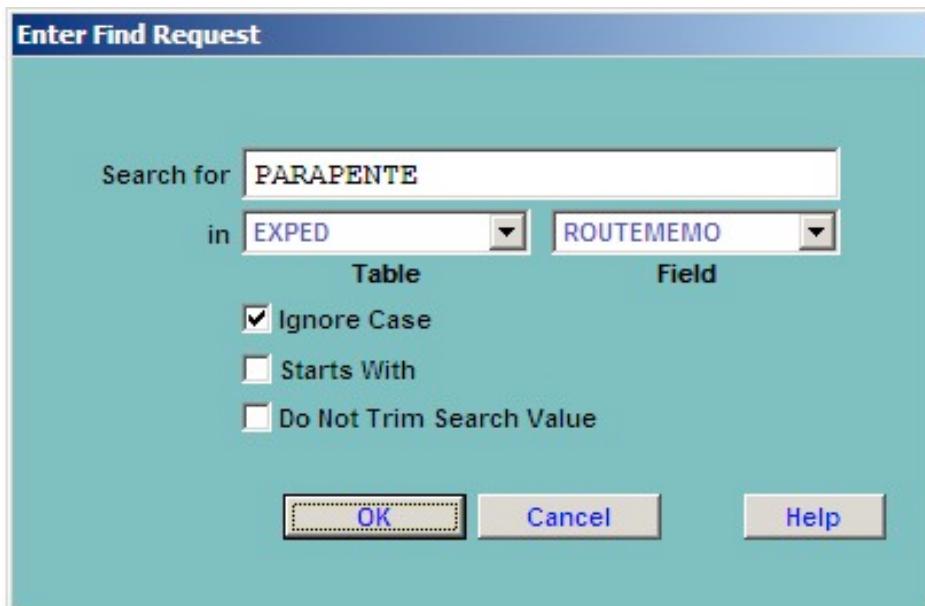
The most recent search can be repeated by selecting Repeat Search from the Search menu. The previous search dialog box will appear with the last set of selected options, which can then be modified. This can be very useful when running a series of searches where only one or two options are being varied.

These commands are in the **Search** menu:



Finding Simple Character Strings

The **Find** command searches for a simple character string in a single field in the Expeditions, Members, Peaks, or References tables. In the Enter Find Request dialog box, enter the string to search for and select the table and field to search. For example, to find all expedition records that contain the string “parapente” in the Routememo field, enter the following in the Enter Find Request dialog box:



This displays the Find Expeditions grid showing all the relevant expeditions:

Find Expeditions				
Find "PARAPENTE" in ROUTEMEMO				
+ indicates successful expedition; - indicates a fatality on expedition				
	Exp ID	Season	Nation (Leaders)	Routememo
+	AMAD-163-26	2016 Aut	France (Mattieu Porthfaix)	Parapente descent from the summit
+	ANN1-891-02	1989 Spr	Italy (Reinhard Patscheider)	BC at Messner BC site C1 at begin
+	CHOY-011-06	2001 Spr	Germany (Robert Rackl)	C3 at not slept in until 14 May by 3 in c
+	CHOY-023-10	2002 Aut	Spain (Edurne Pasaban)	Summit party R. Agirre, Manfrin, Pas
+	CHOY-873-01	1987 Aut	Japan (Michiko Takahashi)	500m fixed rope used by Sherpas. Ro
±	CHOY-883-02	1988 Aut	France (Michel Vincent)	1st attempt from C3 on 12 Sept; had v
+	CHOY-902-01	1990 Sum	UK (Harold Taylor)	2nd summit attempt on 25 June reac
+	CHOY-963-02	1996 Aut	S Korea (Lee Sang-Bae)	Sherpas summitters: Chewang Do
±	EVER-883-01	1988 Aut	Spain (Lluis Belvis Del Rio)	BC at normal site C1 at Lho La (sm
+	EVER-883-06	1988 Aut	France (Francois Poissonnier)	BC at normal site C2 in Western C
±	EVER-883-10	1988 Aut	France (Serge Koenig)	BC at normal site C1 at top of Icifa
+	EVER-893-09	1989 Aut	Mexico (Carlos Carsolio Carrea)	C1 in Western Cwm C2 on Lhotse F
+	EVER-903-05	1990 Aut	France (Laurence De La Ferriere)	C3 on Lhotse Face C4 at South Col
	KANS-873-01	1987 Aut	Belgium (Alain Hubert)	BC at normal site C1 just below ice
	MAKA-963-04	1996 Aut	Switzerland (Andre Georges)	C2 at steep part of Chago Glacier bel
	NILN-001-01	2000 Spr	France (Thierry Bolo)	BC as same as Annapurna I which te
	PUMO-901-03	1990 Spr	Japan (Isao Niizuma)	BC towards SE corner of big lake

You can double-click on the expedition to display it or you can print out a report listing these expeditions by clicking the **Print Results** button.

Only character fields are searchable with the Find command. For numeric, date, and logical (yes or no) fields, you must use the Simple Search or Full Search commands.

In the Enter Find Request dialog box illustrated above, selecting the table from the Table drop-down menu controls the selection of fields available in the Field drop-down menu.

The tables and characters fields that are searchable are shown below and their field definitions are given in Appendix B.

The Ignore Case, Starts With, and Do Not Trim Search Value check boxes in the dialog box control whether upper/lowercase is matched in the search, whether the target string must be at the beginning of the field, and whether trailing blanks are removed from the search string.

The **Show Members** option displays the members related to the selected expeditions (see Simple Expedition Searches below for details).

ROUTEMEMO	MEMBERMEMO	PKNAME	RAUTHOR
EXPID	EXPID	PEAKID	EXPID
PEAKID	MEMBID	PKNAME	REFID
YEAR	PEAKID	PKNAME2	RJRNL
ROUTE1	MYEAR	LOCATION	RAUTHOR
ROUTE2	FNAME	TREKEYEAR	
ROUTE3	LNAME	RESTRICT	RTITLE
ROUTE4	SEX	PEAKMEMO	RPUBLISHER
NATION	YOB	PYEAR	RPUBDATE
LEADERS	CITIZEN	PEXPID	RLANGUAGE
SPONSOR	STATUS	PSMTDATE	RCITATION
ASCENT1	RESIDENCE	PCOUNTRY	RYAK94
ASCENT2	OCCUPATION	PSUMMITERS	RNOTES
ASCENT3	MSMTTIME1	PSMTNOTE	
ASCENT4	MSMTTIME2	REFERMEMO	
COUNTRIES	MSMTTIME3	PHOTOMEMO	
APPROACH	MO2NOTE		
SMTTIME	DEATHTIME		
TERMNOTE	INJURYTIME		
OTHERSMTS	DEATHNOTE		
CAMPSITES	MEMBERMEMO		
ROUTEMEMO	NECROLOGY		
ACCIDENTS			
ACHIEVMENT			
AGENCY			
PRIMID			

Find Expeditions, Members, Peaks and References

The **Find Expeditions, Members, Peaks and References** search commands provide blank templates modeled after the display screens in which you can enter your search criteria. The following examples illustrate how to search for all successful Indian expeditions on Everest:

Find Expeditions

Set Expedition Find Conditions

Name & Nationality		Expedition Details	
Peak ID	EVER	Year/Season	<input type="text"/> to <input type="text"/> All
Nationality	India		
Other Cntrys	<input type="text"/>		
Sponsor/Name	<input type="text"/>		
Leadership	<input type="text"/>		
Success	Route	Ascent	
Any Rte	<input type="checkbox"/>	<input type="checkbox"/> Success Disputed or Unverified	<input type="checkbox"/> Primarily on standard route
		<input type="checkbox"/> Claim Unrecognized	<input type="checkbox"/> Primarily on commercial route
Other Summits			
<input type="button" value="Reset to Defaults"/> <input type="button" value="OK"/> <input type="button" value="Cancel"/> <input type="button" value="Help"/>			

Select Expedition

Peak ID=EVER And Nation=India

+ indicates successful expedition; - indicates a fatality on expedition; ± indicates both

	Exp ID	Season	Nation	Leaders
>	EVER-601-01	Spr 1960	India	Gyan Singh
-	EVER-621-01	Spr 1962	India	John Dias
+	EVER-651-01	Spr 1965	India	M. S. Kohli
±	EVER-841-02	Spr 1984	India	Darshan Kumar Khullar
-	EVER-853-03	Aut 1985	India	Prem Chand, Jagit Singh
	EVER-913-01N	Aut 1991	India	Pranesh Chakraborty
-	EVER-921-03	Spr 1992	India	Deepak Kulkarni
±	EVER-921-11	Spr 1992	India	Hukam Singh
+	EVER-931-09	Spr 1993	India	Bachendri Pal
	EVER-933-01N	Aut 1993	India	Amulya Sen
	EVER-953-01N	Aut 1995	India	Atanu Chatterjee
±	EVER-961-10N	Spr 1996	India	Mohinder Singh
+	EVER-981-17N	Spr 1998	India	Hrishikesh Yadav
+	EVER-991-25N	Spr 1999	India	Santosh Yadav
	EVER-011-15	Spr 2001	India	Harish Chander Kohli
+	EVER-011-21	Spr 2001	India	Krishan Kumar
	EVER-011-49N	Spr 2001	India	Santosh Yadav
+	EVER-031-04	Spr 2003	India	Ashok Abbey (Indian team)
+	EVER-031-23N	Spr 2003	India	Vijay Singh Thakur
+	EVER-041-29N	Spr 2004	India	Satyabrata Dam
	EVER-041-47	Spr 2004	India	Kalpana Dash
	EVER-051-05N	Spr 2005	India	Padubidre Nagesh Ganesh Rao

Double-click entry to display expedition

Count = 99

Order Year/Season Leaders Done Show Members Print Results Export Results

and to search for all Indian Everest summiters that climbed without oxygen:

Find Members

Set Member Find Conditions

Member Biodata		Member & Death Notes				
Peak ID	EVER	Year/Season	All			
Name: Given		Family				
Sex		Age	0			
Year of Birth		Citizen	India			
Status		<input type="checkbox"/> Leader	<input type="checkbox"/> Deputy			
<input type="checkbox"/> Hired	<input type="checkbox"/> Sherpa	<input type="checkbox"/> Tibetan	<input type="checkbox"/> Disabled			
<input type="checkbox"/> Success	<input type="checkbox"/> Unrecog	<input type="checkbox"/> Disputed				
Smt/HP Date Range		Oxygen				
/ /	to	/ /	<input type="checkbox"/> Not Used	<input type="checkbox"/> Climbing	<input type="checkbox"/> Descent	
or		Smt/HP Date&Time	Rte#	<input type="checkbox"/> Sleeping	<input type="checkbox"/> Medical	<input type="checkbox"/> Used
Any	/ /	:	0			
<input type="checkbox"/> Expedition High Pt	High Pt	0				
Summit Bid		Death Classification				
<input type="checkbox"/> Death	/ /	: 0	Primary Cause	<input type="checkbox"/> AMS	<input type="checkbox"/> Bad Weather/Storms	
<input type="checkbox"/> Injury	/ /	: 0				

Reset to Defaults OK Cancel Help

Select Member				
Peak ID=EVER And Citizen=India And Success And O2None (S=Summited, d=Disputed, u=Unrecognized, D=Deceased)				
Exp ID	Citizenship	Name	YOB/Age	
EVER-171-19	India	Kalden Panjur (S)	1980	
EVER-171-19	India	Sonam Phuntsok (S)	1992	
EVER-171-19	India	Kelsang Dorjee Bhutia (S)	1981	
EVER-121-54	India	Rajendra Singh Jalal (S)	1972	
EVER-121-21	India	Thupten Lobsang (S)	1975	
EVER-171-19	India	Kunchok Tenpa (S)	1976	
EVER-121-21	India	Thakpa Tenzing (S)	1982	

Double-click entry to display member Count = 7

Order

Simple Expedition Searches

The **Simple Expedition Search** command searches for expeditions that meet a combination of selected criteria. For example, to find all records for successful Japanese winter expeditions to the eight prime 8000ers, enter the following in the Simple Expedition Search dialog box:

Simple Expedition Search

Set Expedition Search Conditions

Peak ID	<input type="text"/>	Altitude Range	<input type="text" value="8000"/>	to	<input type="text" value="8850"/>	Prime 8000ers	<input type="button" value="▼"/>	Host	All	<input type="button" value="▼"/>
Year/Season	<input type="text"/>	to	<input type="text"/>	Winter	<input type="button" value="▼"/>					
Nationality/Other Cntrys	<input type="text" value="Japan"/>	or	<input type="text"/>							
Termination Reason	<input type="button" value="▼"/>									
Success	<input type="button" value="Yes"/>	Disputed	<input type="button" value="▼"/>		Unrecognized	<input type="button" value="▼"/>				
Traverse	<input type="button" value="▼"/>	Ski/Snowboard	<input type="button" value="▼"/>		Parapente	<input type="button" value="▼"/>				
Oxygen	<input type="button" value="▼"/>									
Nbr Members on Smt > 0 <input type="checkbox"/>			Nbr Member Deaths > 0 <input type="checkbox"/>							
Nbr Hired on Smt > 0 <input type="checkbox"/>			Nbr Hired Deaths > 0 <input type="checkbox"/>							
<input type="button" value="Reset to Defaults"/>			<input type="button" value="OK"/>	<input type="button" value="Cancel"/>	<input type="button" value="Help"/>					

After clicking the **OK** button, the Search Expeditions grid is displayed:

Search Expeditions				
Season=Winter And Nationality=JAPAN And Success And Prime 8000ers + indicates successful expedition; - indicates a fatality on expedition				
	Exp ID	Season	Nation	Leaders
►	ANN1-874-03	1987 Win	Japan	Kuniaki Yagihara
+ DHA1-824-01	1982 Win	Japan	So Anma	
+ EVER-824-02	1982 Win	Japan	Yasuo Kato	
+ EVER-834-01	1983 Win	Japan	Kazuyuki Takahashi	
+ EVER-934-01	1993 Win	Japan	Kuniaki Yagihara	
+ MANA-854-01	1985 Win	Japan	Noboru Yamada	

Double-click entry to display entry Count = 6

Order

As usual, you can display any of these expeditions by double-clicking on its entry line, or you can print a list of these expeditions by clicking the **Print Results** button.

The two options on the bottom left of the grid may be used to change the order of the listing (by Exped ID, Year/Season, or Nationality) or to change the contents of the right-most Leaders field (to Leaders, Sponsor, Route, or Agency).

The **Show Members** option displays the members related to the selected expeditions. Clicking the button brings up a dialog that allows you to further refine your selection. The choices are:

Scope	Status	Other
Members Only	All	Solo
Women Mbrs Only	Successful Only	Traverse
Hired Only	Deceased Only	Ski/Snowboard
Members & Hired	<i>Oxygen</i>	Parapente
	No Oxygen	Speed
	Oxygen	Disabled
	Unknown	Sherpa
		Tibetan
		Combinations



The selection above displays all members and hired that summited a prime 8000er on a Japanese winter expedition:

Select Member

Season=Winter And Nationality=JAPAN And Success And Prime 8000ers
Show Mbrs Filter: Members & Hired, Successful Only
(S=Summited, d=Disputed, u=Unrecognized, D=Deceased)

Exp ID	Name	Citizenship	Summit Date
EVER-934-01	Shinsuki Ezuka (S)	Japan	20/12/1993
EVER-934-01	Fumiaki Goto (S)	Japan	18/12/1993
EVER-934-01	Ryushi Hoshino (S)	Japan	22/12/1993
EVER-824-02	Yasuo Kato (S)(D)	Japan	27/12/1982
ANN1-874-03	Toshiyuki Kobayashi (S)(D)	Japan	20/12/1987
DHA1-824-01	Akio Koizumi (S)	Japan	13/12/1982
EVER-834-01	Kazunari Murakami (S)	Japan	16/12/1983
EVER-934-01	Hideji Nazuka (S)	Japan	18/12/1993
EVER-934-01	Yoshio Ogata (S)	Japan	22/12/1993
EVER-834-01	Takashi Ozaki (S)	Japan	16/12/1983
ANN1-874-03	Teruo Saegusa (S)	Japan	20/12/1987
MANA-854-01	Yasuhiro Saito (S)	Japan	14/12/1985
ANN1-874-03	Yasuhiro Saito (S)(D)	Japan	20/12/1987
EVER-834-01	Nawang Yonden Sherpa (S)	Nepal	16/12/1983
DHA1-824-01	Wangchu (Nima Wangchu) Sherpa (S)	Nepal	13/12/1982
EVER-934-01	Osamu Tanabe (S)	Japan	20/12/1993
EVER-834-01	Noboru Yamada (S)	Japan	16/12/1983
MANA-854-01	Noboru Yamada (S)	Japan	14/12/1985
ANN1-874-03	Noboru Yamada (S)	Japan	20/12/1987

Double-click entry to display member Count = 19

Order

One of the primary benefits of using the **Show Members** button in conjunction with an expeditions search is that can export both the relevant expedition and member records to Excel for further research.

Simple Member Searches

The **Simple Member Search** command searches for members who meet a combination of selected criteria. For example, to find records for all German climbers who died on an 8000m peak (including the non-prime 8000ers):

Simple Member Search

Set Members Search Conditions

Peak ID <input type="text"/>	Altitude Range <input type="text"/> 8000 to <input type="text"/> 8850	<input type="button" value="8000ers"/>	Host <input type="button" value="All"/>
Year/Season <input type="text"/> to <input type="text"/>		<input type="button" value="All"/>	
Sex <input type="checkbox"/>	Citizenship <input type="text"/> W Germany or <input type="text"/> Germany		
Leader <input type="button" value=""/>	Deputy <input type="button" value=""/>		
Hired <input type="button" value=""/>	Sherpa <input type="button" value=""/>	Tibetan <input type="button" value=""/>	
BC Only <input type="button" value=""/>	Not to BC <input type="button" value=""/>	Disabled <input type="button" value=""/>	
Success <input type="button" value=""/>	Disputed <input type="button" value=""/>	Unrecognized <input type="button" value=""/>	
Solo <input type="button" value=""/>	Ski/Snowboard <input type="button" value=""/>		
Traverse <input type="button" value=""/>	Parapente <input type="button" value=""/>		
Oxygen <input type="button" value=""/>	Speed Ascent <input type="button" value=""/>		
Death <input type="button" value="Yes"/>	Death Type <input type="button" value="All"/>		
Death Class <input type="button" value="All"/>			
Injury <input type="button" value=""/>	Injury Type <input type="button" value=""/>		

After clicking the **OK** button, the Search Members grid is displayed:

Search Members

Citizen=W GERMANY Or GERMANY And Death And (8000-8850m)

Exp ID	Season	Citizenship	Member Name
EVER-121-78N	2012 Spr	Germany	Ralf Dieter Arnold (S)(D)
DHA1-951-02	1995 Spr	Germany	Albrecht Hammann (S)(D)
CHOY-113-27N	2011 Aut	Germany	Joerg Henry Manuel Henning (D)
CHOY-641-01	1964 Spr	W Germany	Georg Huber (D)
CHOY-821-01	1982 Spr	W Germany	Reinhard Karl (D)
MANA-861-01	1986 Spr	W Germany	Wilhelm Klaiber (D)
EVER-971-16N	1997 Spr	Germany	Peter Andreas Kowalzik (D)
EVER-051-40N	2005 Spr	Germany	Dieter Kramer (D)
EVER-911-13N	1991 Spr	Germany	Ruediger Lang (D)
LHOT-771-01	1977 Spr	W Germany	Max Lutz (S)(D)
MAKA-001-02	2000 Spr	Germany	Bernd Mehnert (S)(D)
MANA-123-02	2012 Aut	Germany	Christian Mittermeyer (D)
CHOY-981-12N	1998 Spr	Germany	Gerald Roesner (S)(D)
EVER-121-01	2012 Spr	Germany	Erich Eberhard Schaaf (S)(D)
KANG-312-01E	1931 Sum	Germany	Hermann (Xaverl) Schaller (D)
EVER-793-01	1979 Aut	W Germany	Hannelore Schmatz (S)(D)
CHOY-061-07N	2006 Spr	Germany	Raymund M. Spang (S)(D)
MANA-951-01	1995 Spr	Germany	Joerg Starke (D)
CHOY-641-01	1964 Spr	W Germany	Alois Thurmayr (D)
ANNM-803-01	1980 Aut	W Germany	Winfried Trinkle (D)
CHOY-911-06N	1991 Spr	Germany	Horst Wasmann (D)
EVER-061-89N	2006 Spr	Germany	Thomas Weber (D)

Double-click entry to display entry

Count = 27

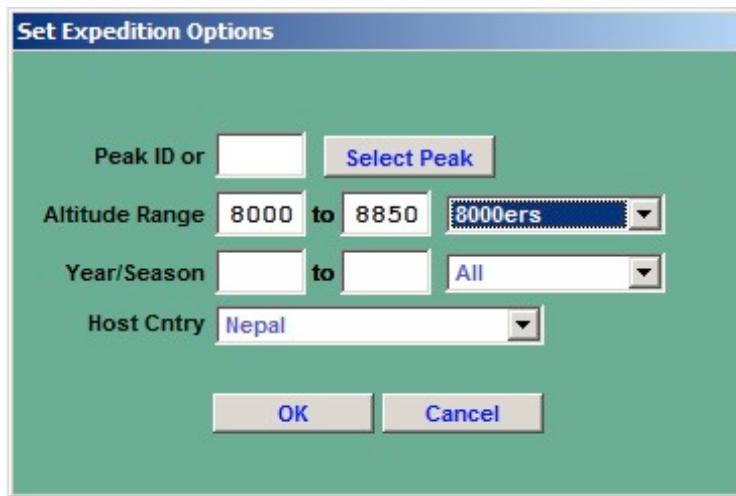
Order

In this example, both W Germany and Germany were specified in the Simple Member Search dialog box since the name of the country changed in 1989 after the German reunification. This will be the case in searches for members from several countries such as Czechoslovakia/Czech Republic, Yugoslavia/Slovenia, USSR/Russia, USSR/Ukraine, etc.

As usual, you can display any of these members by double-clicking on its entry line, or you can print a list of these members by clicking the **Print Results** button.

The Order option on the bottom left of the grid may be used to change the order of the listing (by Name, Exped ID, Year/Season, or Citizenship).

The **Show Expeditions** option displays the expeditions related to the selected members. Clicking the button brings up a dialog that allows you to further refine your selection.



The selection above displays all members and hired that summited a prime 8000er on a Japanese winter expedition:

Select Expedition			
Citizen=W GERMANY Or GERMANY And Death And (8000-8850m) Show Exps Filter: Peaks from 8000-8850m, 1900 to 2017, Host=Nepal			
Exp ID	Season	Nation	Leaders
ANNM-803-01	Aut 1980	W Germany	Ludwig Greissl
CHOY-641-01	Spr 1964	W Germany	Rudi Rott
CHOY-821-01	Spr 1982	Austria	Wolfgang Nairz
DHA1-921-01	Spr 1992	USSR	Vladimir Moussienko, Erwin Beyerlein
DHA1-951-02	Spr 1995	Switzerland	Norbert Joos
EVER-121-01	Spr 2012	Nepal	Pertemba Sherpa, Asian Trekking Staff
EVER-793-01	Aut 1979	W Germany	Gerhard Schmatz
LHOT-771-01	Spr 1977	W Germany	Gerhard Schmatz
MAKA-001-02	Spr 2000	Germany	Goetz Wiegand
MANA-123-02	Aut 2012	Germany	Robert Hochreiter
MANA-861-01	Spr 1986	W Germany	Michel Dacher
MANA-951-01	Spr 1995	Germany	Holger Kloss

Double-click entry to display expedition

Count = 12

Order

One of the primary benefits of using the **Show Expeditions** button in conjunction with a members search is that can export both the relevant member and expedition records to Excel for further research.

Full Expedition Searches

The **Full Expedition Search** command searches for expeditions that meet a more complex selection criteria that cannot be represented by the simple search selection screen. For example, to find all records for Everest expeditions with ski, snowboard, or parapente descents, enter the expression

PEAKID="EVER" And (SKI Or PARAPENTE)

in the Set Search Condition dialog box:

Set Search Condition

Enter new expression or edit current expression

PeakID="EVER" And (Ski Or Parapente)

Operators: = <> < > <= >= And Or Not (...) Ctod('dd/mm/yy') {dd/mm/yy} ('xxx' \$ field)

EXPID (C)	DISPUTED (L)	SMT_HIRED (N)	PRIMREF (L)
PEAKID (C)	COUNTRIES (C)	HDEATHS (II)	PRIMID (C)
YEAR (C)	APPROACH (C)	NOHIRED (L)	CHKSUM (II)
SEASON (N)	BCDATE (D)	O2USED (L)	
HOST (N)	SMTDATE (D)	O2NONE (L)	
ROUTE1 (C)	SMTTIME (C)	O2CLIMB (L)	
ROUTE2 (C)	SMTDAYS (II)	O2DESCENT (L)	
ROUTE3 (C)	TOTDAYS (II)	O2SLEEP (L)	
ROUTE4 (C)	TERMDATE (D)	O2MEDICAL (L)	
NATION (C)	TERMREASON (N)	O2TAKEN (L)	
LEADERS (C)	TERMINOTE (C)	O2UNKNW (L)	
SPONSOR (C)	HIGHPOINT (N)	OTHERSMTS (C)	
SUCCESS1 (L)	TRAVERSE (L)	CAMPSITES (C)	
SUCCESS2 (L)	SKI (L)	ROUTEMEMO (M)	
SUCCESS3 (L)	PARAPENTE (L)	ACCIDENTS (C)	
SUCCESS4 (L)	CAMPS (II)	ACHIEVMENT (C)	
ASCENT1 (C)	ROPE (N)	AGENCY (C)	
ASCENT2 (C)	TOTMEMBERS (II)	COMRTE (L)	
ASCENT3 (C)	SMTMEMBERS (N)	STDRT (L)	
ASCENT4 (C)	MDEATHS (N)	PRIMRTE (L)	
CLAIMED (L)	TO_HIRED (N)	PRIMMEM (L)	

Search **Cancel** **Load Condition** **Save Condition**

A complete discussion for constructing search conditions is given in Appendix C. After clicking the **Search** button, the Search Expeditions grid is displayed:

Search Expeditions

PEAKID="EVER" And (SKI Or PARAPENTE)

+ indicates successful expedition; - indicates a fatality on expedition

	Exp ID	Season	Nation	Leaders
>	EVER-701-01	1970 Spr	Japan	Yuichiro Miura
+	EVER-783-02	1978 Aut	France	Pierre Mazeaud
-	EVER-873-05	1987 Aut	Austria	Hanns Schell
+	EVER-883-06	1988 Aut	France	Francois Poissonnier
+	EVER-883-10	1988 Aut	France	Serge Koenig
-	EVER-893-13	1989 Aut	France	Jean-Franck Charlet
+	EVER-903-05	1990 Aut	France	Laurence De La Ferriere
+	EVER-923-13	1992 Aut	France	Michel Pelle
+	EVER-961-30N	1996 Spr	Italy	Hans Kammerlander
-	EVER-973-06N	1997 Aut	Spain	Jordi Tosas
+	EVER-003-01	2000 Aut	Slovenia	Davo Karnicar
+	EVER-011-23N	2001 Spr	France	Bertrand Roche
+	EVER-011-31N	2001 Spr	New Zealand	Russell Brice
+	EVER-011-50N	2001 Spr	Austria	Stefan Gatt
+	EVER-023-01N	2002 Aut	France	Marco Siffredi
+	EVER-031-09N	2003 Spr	USA	Steven Marolt
+	EVER-031-14	2003 Spr	France	Jean-Michel Asselin
-	EVER-031-63N	2003 Spr	Czech Republic	Petr Machold
+	EVER-031-64N	2003 Spr	Romania	David Neacsu
-	EVER-032-01N	2003 Sum	USA	Stephen Koch
-	EVER-051-19N	2005 Spr	UK	Adrian Crane, Matthew Hood, Niklas Hallstrom
+	EVER-061-74N	2006 Spr	Sweden	Tomas Olsson

Double-click entry to display entry

Count = 29

Order **Exped ID** **Leaders** **Done** **Show Members** **Print Results** **Export Results**

As usual, you can display any of these expeditions by double-clicking on its entry line, or you can print a list of these expeditions by clicking the **Print Results** button.

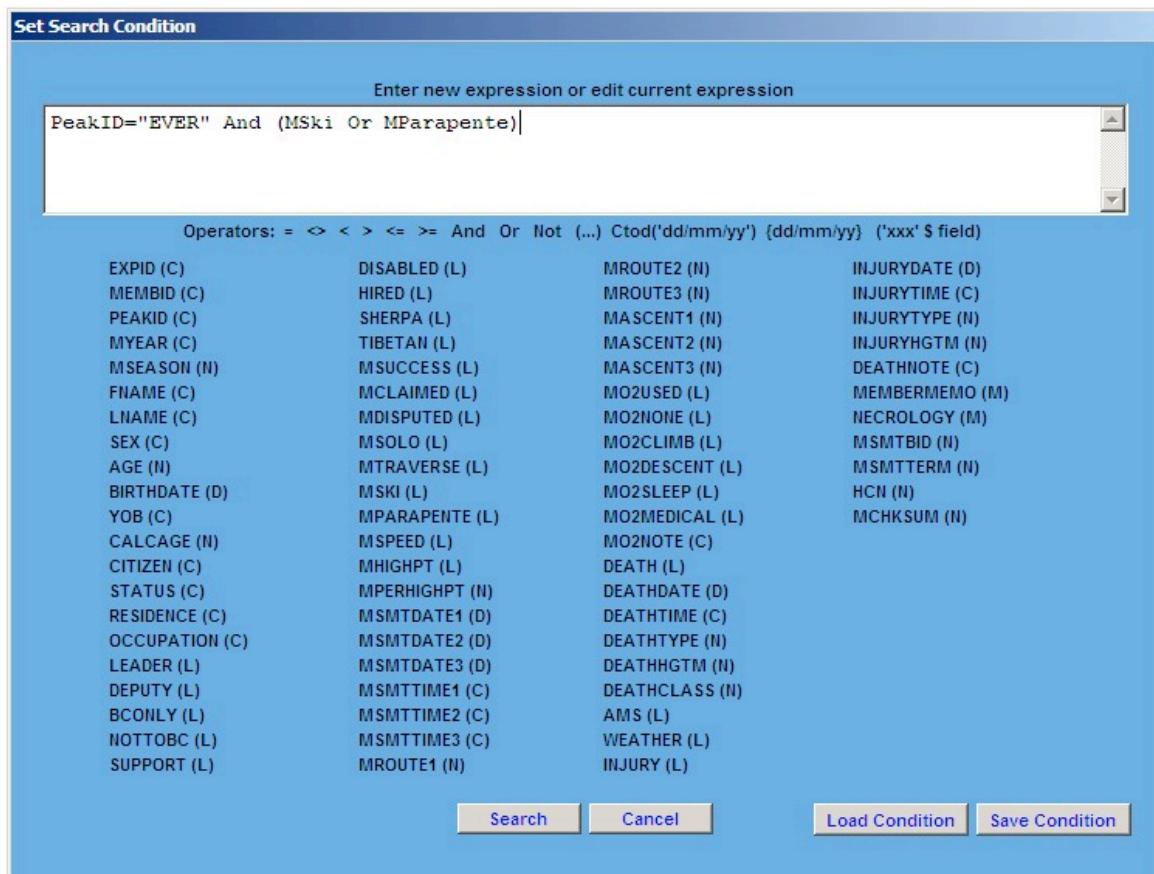
If the above search were performed using the Simple Expedition Search, the result would be much smaller (or null) since the simple search would be searching for expeditions that had **both** skiing and parapente descents rather than **either** skiing **or** parapente descents.

Full Member Searches

The **Full Member Search** command searches for members who meet a more complex selection criteria. Continuing with the previous example, to find all members for Everest expeditions with ski, snowboard or parapente descents, enter the expression

PEAKID="EVER" And (MSKI Or MPARAPENTE)

in the Set Search Condition dialog box:



After clicking the **Search** button, the Search Members grid is displayed:

Search Members

Peakid="EVER" And (Mski Or Mparapente)

Exp ID	Season	Citizenship	Member Name
EVER-071-60N	2007 Spr	China	Ngawang Tsering (S)
EVER-783-02	1978 Aut	France	Jean Afanassieff (S)
EVER-091-08	2009 Spr	Japan	Makoto Arai (S)
EVER-011-23N	2001 Spr	France	Claire Bernier Roche (S)
EVER-031-14	2003 Spr	France	Dominique Blanc-Vial
EVER-883-06	1988 Aut	France	Jean-Marc Boivin (S)
EVER-031-09N	2003 Spr	USA	John F. (Josh) Callahan
EVER-063-01	2006 Aut	USA	James Kuo-Wei (Jimmy) Chin (S)
EVER-063-01	2006 Aut	USA	Catherine Katzenbach (Kit) DesLauriers (S)
EVER-063-01	2006 Aut	USA	Robert Sumner (Rob) DesLauriers (S)
EVER-031-09N	2003 Spr	USA	Kevin George Dunnett
EVER-011-50N	2001 Spr	Austria	Stefan Gatt (S)
EVER-031-09N	2003 Spr	USA	James M. (Jim) Gile
EVER-071-42N	2007 Spr	USA	James M. (Jim) Gile
EVER-893-13	1989 Aut	France	Bruno Gouvy
EVER-061-74N	2006 Spr	Norway	Tormod Granheim (S)
EVER-031-14	2003 Spr	France	Basile Gueorguievsky
EVER-051-19N	2005 Spr	Sweden	Jan Niklas Hallstrom
EVER-091-08	2009 Spr	Japan	Tetsuo Honda (S)
EVER-783-02	1978 Aut	France	Nicolas Jaeger (S)
EVER-131-86	2013 Spr	India	Rajendra Singh Jalal (S)
EVER-961-30N	1996 Spr	Italy	Johann (Hans) Kammerlander (S)

Double-click entry to display entry Count = 56

Order Done Show Expeds Print Results Export Results

Generating Reports

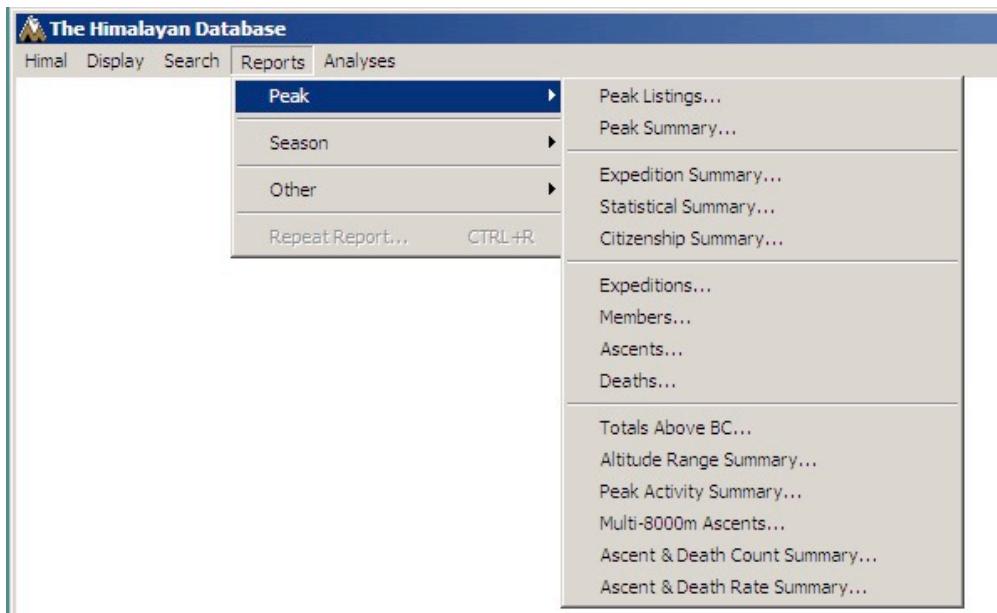
There are three groups of reports under the Reports menu:

- (1) **Peak** reports that are organized around peak information.
- (2) **Season** reports that are organized around climbing seasons.
- (3) **Other** reports that do not fit the two groups above.

These commands are in the **Reports** menu:



The **Peak** submenu offers several varieties of peak reports:



The **Peak Listings** report lists the peaks in the database along with their peak ID and either their alternate names or location within Nepal or with information about either the first ascent or last ascent, depending on the option selected.

The **Peak Summary** report lists the peaks along with summary information giving counts of climbers above base camp, ascents, and deaths. An altitude range and/or a date range can be specified.

The **Expedition Summary** report lists all the expeditions to a specified peak. A year/season range can be specified.

The **Statistical Summary** report gives a quantitative analysis of all the expeditions to a specified peak. A year/season range can be specified.

The **Citizenship Summary** report gives a yearly analysis by citizenship to a specified peak or range of peaks.

The **Expeditions, Members, Ascents, and Deaths** reports give lists of expeditions, members, ascents, and deaths. A variety of options can be specified to organize the format of the data or limit the range covered.

The **Totals Above BC** report gives the total numbers of climbers and hired personnel who went above base camp.

The **Altitude Range Summary** report gives information about groups of peaks organized by altitude.

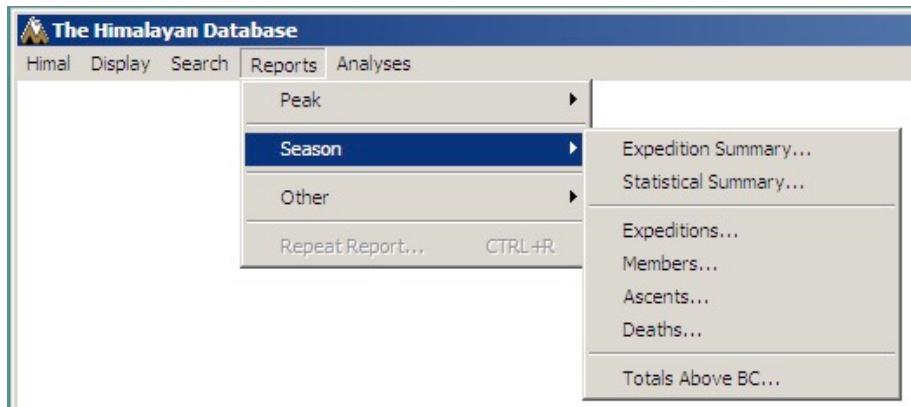
The **Peak Activity Summary** report gives information about groups of peaks organized by year.

The **Multi-8000m Ascents** report gives information about groups of peaks organized by year.

The **Ascent & Death Count Summary** and **Ascent & Death Rate Summary** reports give information about summiters and decedents.

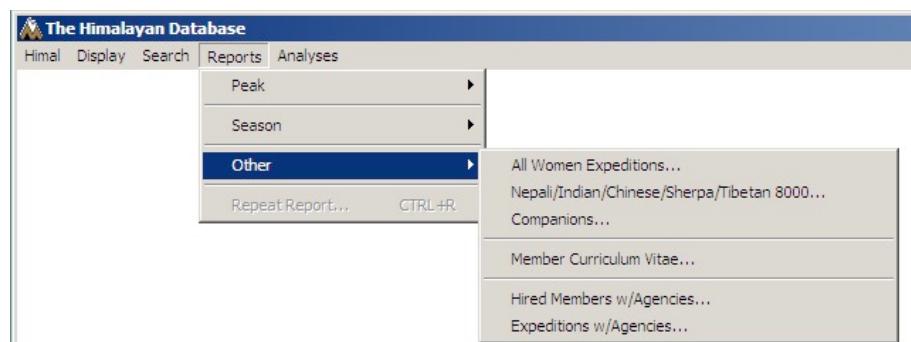
For all the above reports, the information can be displayed on your screen, printed, or exported as an Excel spreadsheet.

The **Season** submenu offers several varieties of season reports:



These reports are very similar to those of the Peak submenu, except that they are organized by climbing season.

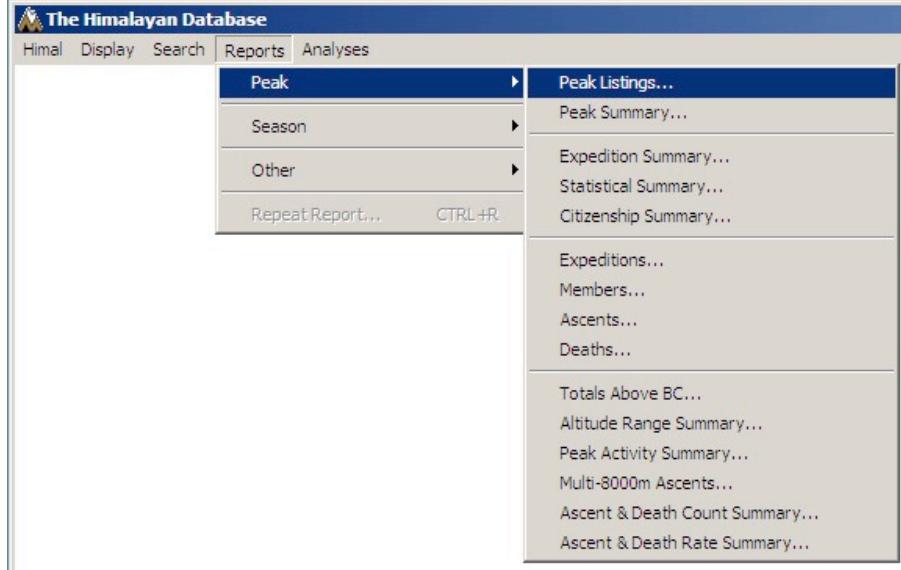
The **Other** submenu offers several miscellaneous reports:



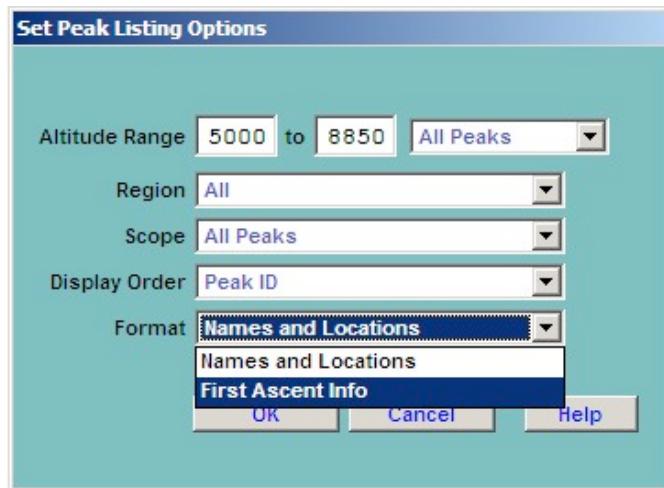
The **All Women Expeditions** report lists all women's expeditions

The **Nepali/Indian/Chinese/Sherpa/Tibetan 8000** report lists all Nepali, Indian, Chinese, Sherpa, or Tibetan summiters for the 8000-meter peaks in the database.

For example, to generate the Master Peaks Summary listing first ascents for all peaks, under the **Peak** submenu select Peak Listings:



In the Set Peak Listing Options dialog box, if you select the First Ascent Info format, the report preview shown below is displayed on your screen:



Report Designer - mstpeak.frx - Page 1

Nepalese Peak Codes and Names

5000-8850m

Ordered by Peak ID

Pk ID	Hgt m	Peak Name (Alternate Names)	Location
ACHN	6055	Aichyn (Aychin, Ashvin)	Chandi Himal (SW of Changwathang)
AGLE	6675	Agole East (Angole East)	Rolwaling Himal (E of Tengi Ragi Tau)
AMAD	6814	Ama Dablam (Amai Dablang)	Khumbu Himal
AMOT	6393	Amotsang (Amatson)	Damodar Himal (NW of Pokharhan)
AMPG	5630	Amphu Gyaljen	Khumbu Himal (N of Ama Dablam)
AMPH	6740	Amphu I	Khumbu Himal (E of Amphu Laptsa, W of Baruntse)
AMPM	6202	Amphu Middle (Amphu North)	Khumbu Himal (NE of Amphu Laptsa)
ANID	6808	Aridesh Chuli (White Wave Peak)	Kangchenjunga Himal (W of Kangbachen)
ANN1	8091	Annapurna I	Annapurna Himal
ANN2	7937	Annapurna II	Annapurna Himal
ANN3	7555	Annapurna III	Annapurna Himal
ANN4	7525	Annapurna IV	Annapurna Himal
ANNE	8026	Annapurna I - East Smt	Annapurna Himal (ENE of Annapurna I)
ANNM	8051	Annapurna I - Middle Smt	Annapurna Himal (ENE of Annapurna I)
ANNS	7219	Annapurna South (Annapurna Dakshin, Moditse)	Annapurna Himal (S of Annapurna I and Fang)
APIM	7132	Api Main	Api Himal
APIW	7076	Api West	Api Himal (W of Api)
ARDN	6034	Ardang	Phupherka Himal (NW of Simikot)
ARNK	6034	Arniko Chuli (Araniko Chuli)	Mukut Himal (W Mustang near Tibetan border)
ASAJ	6265	Asajya Tappa	Gorakhi Himal (ENE of Simikot on Tibetan border)
BAMO	6400	Bamongo	Rolwaling Himal (E of Chekigo on Tibetan border)
BARU	7152	Bartunise	Khumbu Himal (W of Makalu)
BAUD	6672	Baudha	Mansiri Himal (SE of Manaslu and Himalchuli)
BEDG	6125	Beding Go (Bedding Go)	Rolwaling Himal (N of Beding village on Tibetan border)
BHEM	6150	Bhemdang Ri (Pemthang Ri, Morimoto)	Jugal Himal (NNW of Dorje Lhakpa)
BHRI	6476	Bhrikuti (Damodar Himal)	Damodar Himal (NE of Thorong La near Tibetan border)
BHRS	6361	Bhrikuti Shail	Damodar Himal (NE of Thorong La on Tibetan border)
BHUL	6102	Bhulu Lhassa	Kanjiroba Himal (NNW of Kanjiroba North)
BIJO	6111	Bijora Huinchuli	Jagdula Lekh (S of Kande Huinchuli)
BOBA	6808	Bobaye	Api Himal (S of Nampa)
BOKT	6114	Boktoh (Bokta)	Kangchenjunga Himal (SE of Janru)
BTAK	6799	Bhairab Takura (Madiya)	Jugal Himal (ENE of Dorje Lhakpa on Tibetan border)
BURK	6942	Burke Kang (Burke Khang)	Khumbu Himal (ENE of Hungchhi on Tibetan border)
CBAM	6109	Chhopa Bamare (Chomo Pamari)	Rolwaling Himal (NW of Lamabagar on Tibetan border)
CHAB	6792	Chabuk (Tsajirip)	Ohmi Kangri Himal (E of Ohmi Kangri on Tibetan border)
CHAG	6893	Chago	Makalu Himal (NW of Makalu II on Tibetan border)
CHAK	6704	Chako	Damodar Himal (ESE of Bhrikuti Shail)
CHAM	7321	Chamlang	Khumbu Himal (in Hongku Valley, SW of Makalu)
CHAN	6563	Changla (Chang'a Himal)	Changla Himal (N of Jumla on Tibetan border)
CHAW	6404	Chaw Peak	Ohmi Kangri Himal (WNW of Ohmi Kangri on Tibetan border)
CHEK	6121	Chekigo	Rolwaling Himal (ENE of Beding village on Tibetan border)
CHEO	6820	Cheo Himal	Peri Himal (ESE of Himlung Himal on Tibetan border)
CHIV	6650	Chhiv Himal (Chhib)	Damodar Himal (SW of Saribang and WSW of Bhrikuti)
CHKA	6060	Chemar Kang (Charka, Kangtega)	Mukut Himal (NW of Tsharka village, SE of Tingkyu village)
CHMN	7165	Chemar North (Peak 23)	Shring Himal
CHMR	7161	Chemar (Shringi Himal)	Shring Himal (SSE of Chamar)
CHND	6142	Chandi Himal	Chandi Himal (NE of Simikot on Tibetan border)
CHNG	6623	Chango	Palchung Himal (SE of Kanti Himal peak on Tibetan border)
CHOB	6636	Chobuje (Chobutse, Tsoboje)	Rolwaling Himal (NE of Tsho Rolpa)
CHOL	6423	Cholatse (Tsolatse, Jobo Lhaptshan)	Khumbu Himal (N of Tawoche)

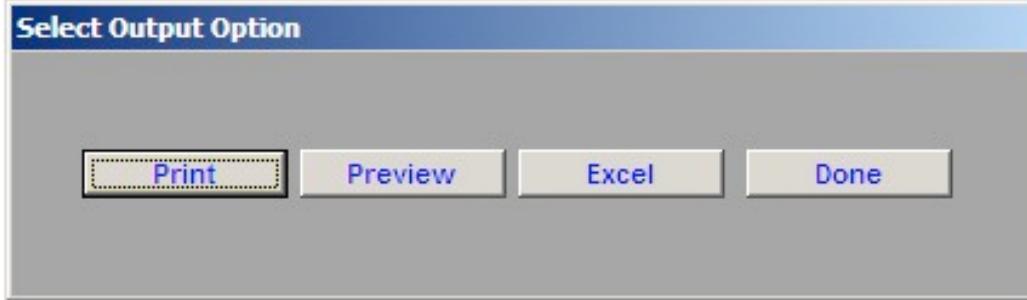
20/06/2017 Nepalese Peak Codes and Names (The Himalayan Database)

Page 1

You may adjust the size of the preview screen on your monitor by using the standard resize boxes on the report window or the Zoom button in the Print Preview box at the top of the report. The navigation buttons in the Print Preview box allow you to page through a multi-page report.

When you are finished looking at the preview, close the preview screen by clicking the close box in the upper right corner of the report window.

From the Select Output Option box, you can then print the report or create an Excel spreadsheet file:

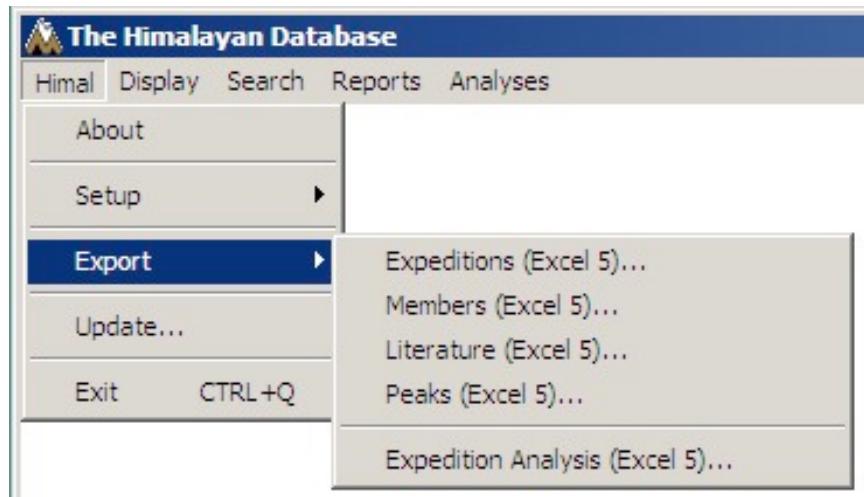


See below for more information about creating Excel spreadsheet files.

Additional information and samples of the various types of reports that can be generated are given in Appendix G which is available on the Himalayan Database website.

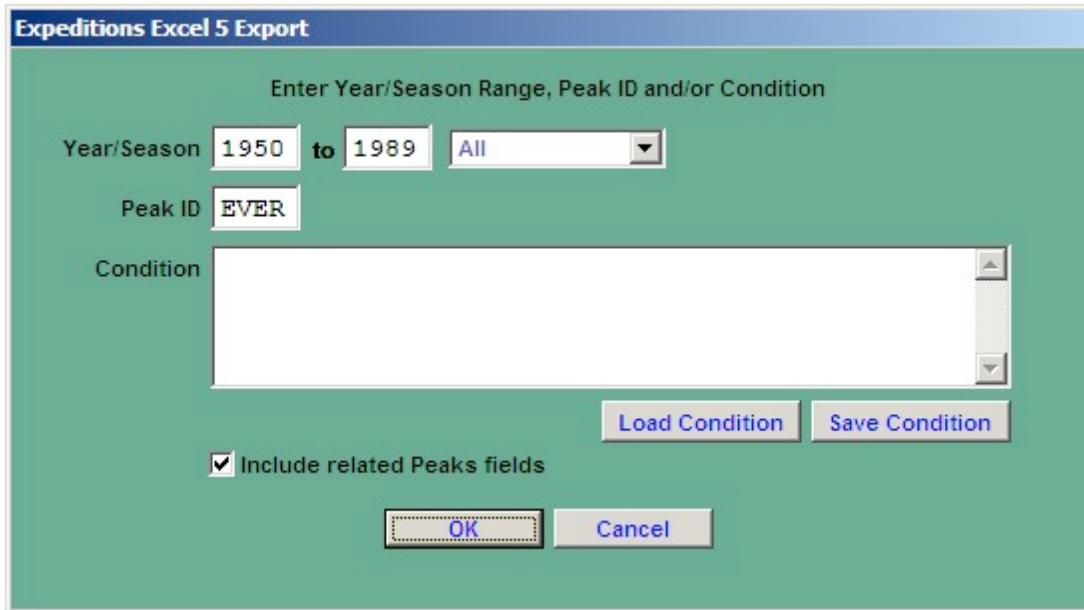
Exporting Data to Excel

The **Export** commands in the **File** menu are used to export expedition, member, literature, and peak records to Microsoft Excel as Excel 5 spreadsheet files.

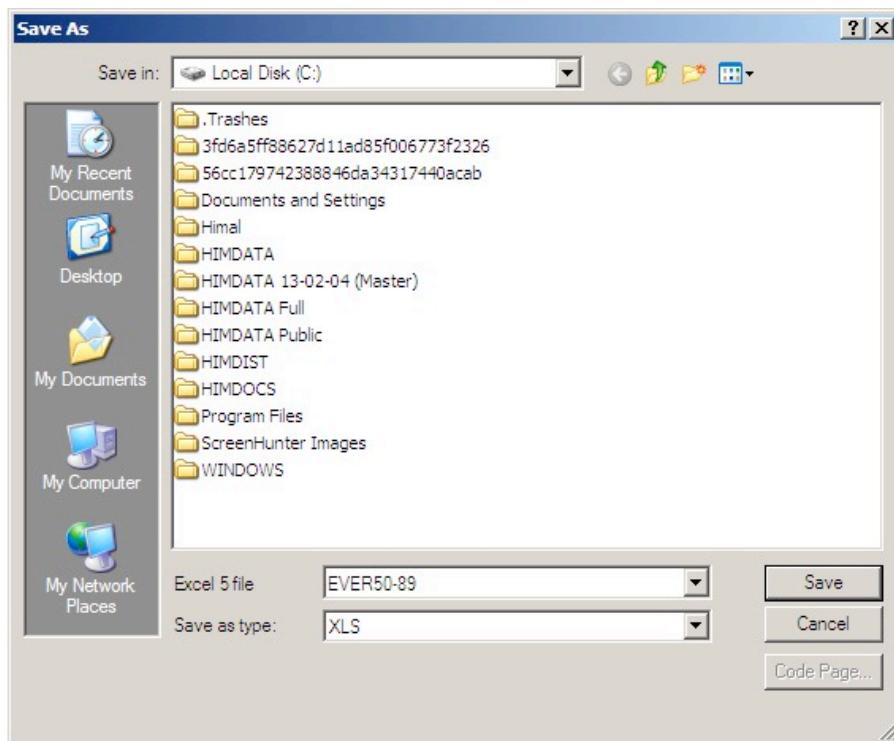


The **Export Expeditions** command exports expedition records. All fields are exported except for memo data-type fields, which cannot be formatted for Excel.

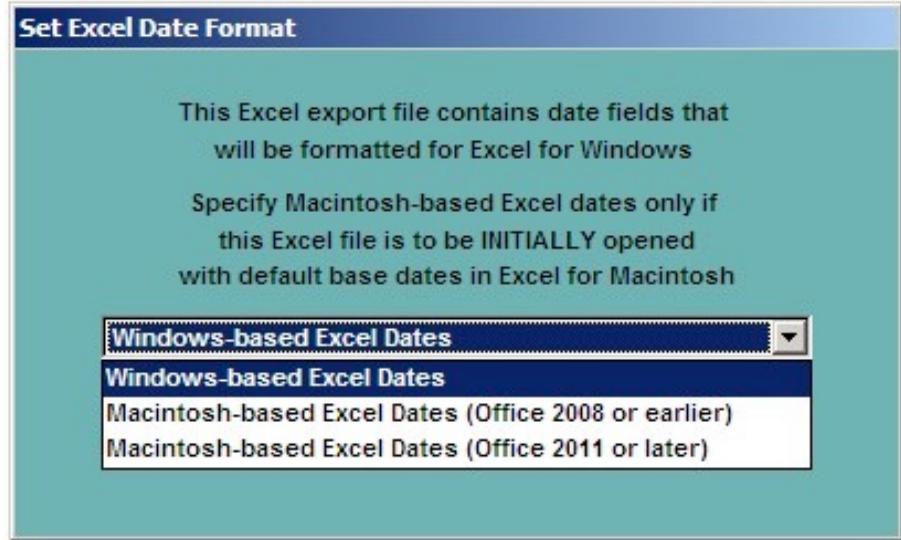
For example, to export all expedition records for Everest expeditions between 1950 and 1989 (the pre-commercial era), enter the following in the Expeditions Excel 5 Export dialog box:



After clicking the **OK** button, enter the file name and location of where you want to save the exported records in the Save As dialog box:



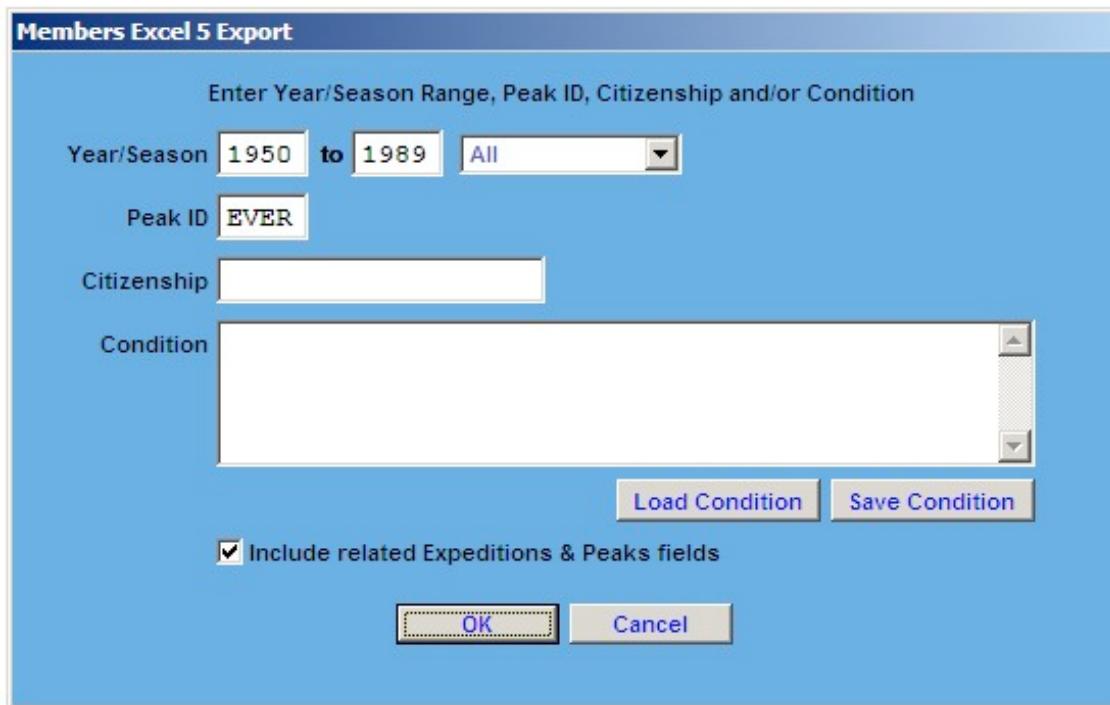
In the Excel File Date Format dialog box, select the date format (Macintosh or Windows) for the date fields in the exported records:



The date format must be selected because Excel for Windows uses a base date different from Excel for Macintosh. Dates are stored in Julian format (the number of days before or after the base date). You can change the Excel format to a more readable date format from within Excel.

In the above example, checking the “Include related Peaks fields” check box adds to the export file fields from the Peaks table that give additional information such as the complete peak name and the peak height.

The **Export Members** command exports member records. All fields are exported except for memo data-type fields, which cannot be formatted for Excel. For example, to export all member records for Everest expeditions between 1950 and 1989, enter the following in the Members Excel 5 Export dialog box:



Checking the “Include related Expeditions & Peaks fields” check box adds to the export file fields from both the Expeditions and Peaks tables that give additional information such as the expedition leadership and climbing routes as well as the complete peak name and the peak altitude.

The **Expedition Analysis** command generates a comprehensive expedition analysis Excel spreadsheet file for selected expeditions.

Tabulating the Data

The **Tabulate** command in the **Search** menu produces a tabulation (counts and percentages) of the values of a single table field (a 1-way tabulation) or 2-way cross tabulation of the values between two fields of the Expeditions or Members table.

The results of the tabulations can be exported as Excel spreadsheets. 1-way tabulations can be previewed and printed. 2-way tabulations can be previewed and printed if the resulting table is narrow enough to fit on a page.

For 2-way tabulations, the best strategy is to assign the field with the most differing values to the rows of the table and the field with the least values to the columns. The Select Tabulation Fields dialog boxes will assist in selecting the row and column fields for the tabulation.

For example, to get a count of the number of expeditions climbing each peak from the Nepal, Chinese, and Indian sides of the border, enter the following:

Select Tabulation Fields

Enter name of rows field	PEAKID		
Enter name of columns field	HOST		
Search condition (optional)			
EXPID (C)	DISPUTED (L)	SMTHIRE (N)	PRIMREF (L)
PEAKID (C)	COUNTRIES (C)	HDEATHS (N)	PRIMID (C)
YEAR (C)	APPROACH (C)	NOHIRED (L)	CHKSUM (N)
SEASON (N)	BCDATE (D)	O2USED (L)	
HOST (N)	SMTDATE (D)	O2NONE (L)	
ROUTE1 (C)	SMTTIME (C)	O2CLIMB (L)	
ROUTE2 (C)	SMTDAYS (N)	O2DESCENT (L)	
ROUTE3 (C)	TOTDAYS (N)	O2SLEEP (L)	
ROUTE4 (C)	TERMDATE (D)	O2MEDICAL (L)	
NATION (C)	TERMREASON (N)	O2TAKEN (L)	
LEADERS (C)	TERMINOTE (C)	O2UNKWN (L)	
SPONSOR (C)	HIGHPOINT (N)	OTHERSMTS (C)	
SUCCESS1 (L)	TRAVERSE (L)	CAMPSITES (C)	
SUCCESS2 (L)	SKI (L)	ROUTEMEMO (M)	
SUCCESS3 (L)	PARAPENTE (L)	ACCIDENTS (C)	
SUCCESS4 (L)	CAMPS (N)	ACHIEVMENT (C)	
ASCENT1 (C)	ROPE (N)	AGENCY (C)	
ASCENT2 (C)	TOTMEMBERS (N)	COMRTE (L)	
ASCENT3 (C)	SMTMEMBERS (N)	STDRT (L)	
ASCENT4 (C)	MDEATHS (N)	PRIMRT (L)	
CLAIMED (L)	TOHIRE (N)	PRIMMEM (L)	

Tabulate Cancel Load Condition Save Condition

This produces the result below:

The screenshot shows a Windows application window titled "Report Designer - tabprt2p.frx - Page 1". The title bar includes standard window controls and a "Print Preview" button. Below the title bar is a toolbar with icons for back, forward, search, and print, along with a "100%" zoom setting. The main area displays a tabulation report titled "Tabulation Report for PEAKID vs HOST". The report consists of a table with five columns: 0, 1, 2, 3, and Totals. The data rows list various peaks and their expedition counts from three different hosts. The last row shows a total for Cho Oyu (CH0Y) of 1295 expeditions.

	0	1	2	3	Totals
ACHN	0	2	0	0	2
AMAD	0	1197	0	0	1197
AMOT	0	2	0	0	2
AMPG	0	3	0	0	3
AMPH	0	2	0	0	2
AMPM	0	1	0	0	1
ANID	0	2	0	0	2
ANN1	0	231	0	0	231
ANN2	0	35	0	0	35
ANN3	0	36	0	0	36
ANN4	0	95	0	0	95
ANNE	0	10	0	0	10
ANNM	0	6	0	0	6
ANNS	0	36	0	0	36
APIM	0	17	0	0	17
ARNK	0	8	0	0	8
BAMO	0	3	0	0	3
BARU	0	293	0	0	293
BAUD	0	4	0	0	4
BEDG	0	2	0	0	2
BHEM	0	1	0	0	1
BHRI	0	18	0	0	18
BHRS	0	5	0	0	5
BHUL	0	1	0	0	1
BIJO	0	1	0	0	1
BOBA	0	1	0	0	1
BOKT	0	2	0	0	2
BTAK	0	2	0	0	2
BURK	0	2	0	0	2
CBAM	0	1	0	0	1
CHAG	0	3	0	0	3
CHAK	0	2	0	0	2
CHAM	0	18	0	0	18
CHAN	0	4	0	0	4
CHAW	0	1	0	0	1
CHEK	0	2	0	0	2
CHEO	0	3	0	0	3
CHIV	0	1	0	0	1
CHKA	0	1	0	0	1
CHMN	0	4	0	0	4
CHOB	0	9	0	0	9
CHOL	0	21	0	0	21
CHOP	0	7	0	0	7
CHOY	1	90	1204	0	1295
CHRE	0	7	0	0	7
CHRI	0	2	0	0	2
CHRW	0	13	0	0	13
CHUB	0	1	0	0	1
CHUG	0	6	0	0	6
CHUK	0	1	0	0	1
CHUL	0	2	0	0	2
CHUM	0	1	0	0	1

21/06/2017 Tabulation Report for PEAKID vs HOST (The Himalayan Database)

Page 1

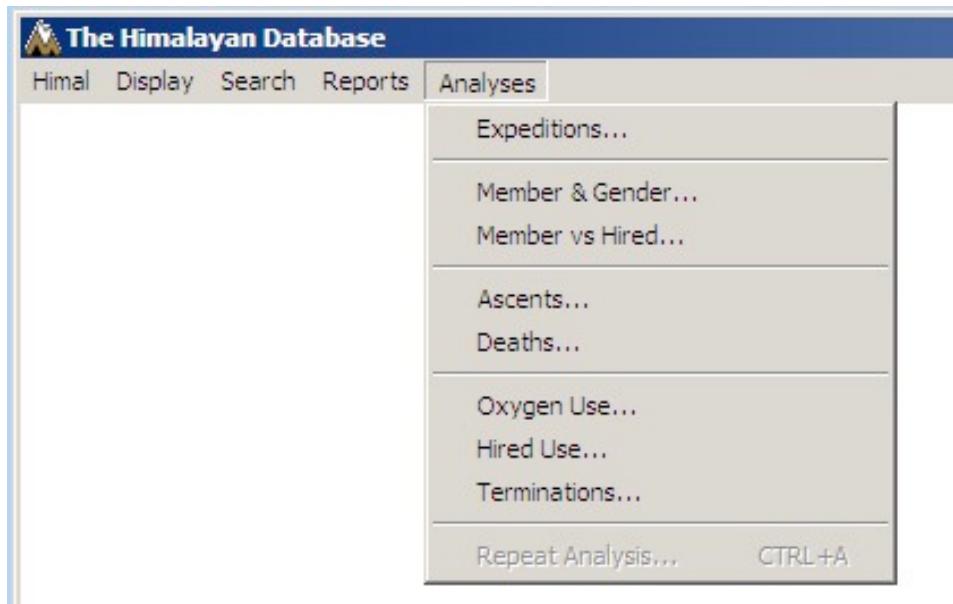
This is the top of the first page of the preview of the result. The values of the columns (as given for the HOST field in the EXPED table from Appendix B) are:

- 0 – Unknown
- 1 – Nepal
- 2 – China
- 3 – India

The above output shows for Cho Oyu (CHOY) that there were 90 expeditions from Nepal, 1204 from China, and 0 from India for a total of 1295 expeditions.

Analyzing the Data

The commands in the **Analyses** menu provide aggregate information on the expeditions and members in the database (whereas the commands in the Reports menu provide information mostly on individual expeditions and members).



Analyses can be performed on expeditions, members, ascents, deaths, oxygen use, hired use or combinations thereof.

For each type of analysis, the data can be analyzed in a multitude of ways, such as by:

- (1) groups of peaks within altitude ranges
- (2) expeditions with a range of years or seasons
- (3) gender, age, and citizenship
- (4) members or hired personnel only, or both

For example, if you select the **Ascents** command from the **Analyses** menu, the Set Ascent Analysis Criteria dialog box is displayed, which allows you to set various parameters that dictate how the ascent analysis will be done.

In the following example, ascent data is analyzed by peak altitude in 500m increments for all 7000-meter to 8000-meter peaks for all members of all expeditions between 1950 and 2016.

The analysis output can be either printed or exported as an Excel spreadsheet.

Set Ascent Analysis Criteria

Format	Peak Altitude			
Host Cntry	All			
Region	All			
Group	Members Only			
Summit Bid	All			
Team Success	All Teams			
Oxygen Use	All			
Peak Altitude Range	7000	to	7999	7000ers
Year/Season	1950	to	2016	All
Altitude Increment	500			
Peak ID	(omit for all peaks)			
Citizenship				
Commercial/Std Routes (ACE=AMAD, CHOY, EVER)	All Peaks & Routes			
<input type="checkbox"/> Include multiple seasonal ascents				
Reset to Defaults		OK	Cancel	Help

Some of the criteria that can be specified for data analyses for ascents in the dialog box above are shown below:

Format	Group	Season
Peak Altitude	Members Only	All
Expedition Year	Women Members Only	Spring
Season	Hired Only	Summer
Age	Members & Hired	Autumn
Citizenship		Winter
Time of Summit		
Date of Summit		
Team Size (Mbrs Abv BC)		
Team Size (Hired Abv BC)		
Hired/Members Ratio		
Days from BC Arrival		

The printed output from the above example is shown below.

Report Designer - analysis.mtr - Page 1

Ascent Analysis
by Peak Altitude for All Peaks (7000-7999m) (1950-2016)

Members Only

Members Above BC	Ascents						Oxygen Use				
	Male			Female		Total Cnt	Rate Cnt	Female		With O ₂ Cnt	W/o O ₂ Cnt
	Total Cnt	Male Cnt	Female Cnt	Cut	Rate Cnt			Cut	Rate Cnt		
7000-7499m	7665	6847	818	1977	25.79	1798	26.26	179	21.88	31	1926
7500-7999m	2713	2528	185	394	14.52	381	15.07	13	7.02	46	346
Totals	10378	9375	1003	2371	22.84	2179	23.24	192	19.14	77	2272

Member Above BC totals include unknown members
Ascent totals exclude multiple seasonal ascents

Ascent Summary:

- 16 Solo ascents
- 51 Traverses
- 28 Ski snowboard descents
- 4 Paraglide descents
- 14 Disputed ascents
- 3 Unrecognized ascents

21/06/2017 Ascent Analysis (The Himalayan Database)
Page 1

Additional information and samples of the various types of analyses that can be generated are given in Appendix H which is available on the Himalayan Database website.

Updating the Himalayan Database

Periodic updates to the Himalayan Database will be issued via the Himalayan Database website. These updates will add new records for future expeditions and corrections and additions to the information for previous expeditions.

The procedures for applying the updates are given in Appendix E.

Appendix A: Peak List

The following table lists the peak ID for all the peaks in the database.

<u>Peak ID</u>	<u>Hgt (m)</u>	<u>Peak Name(s)</u>	<u>Location (Himals)</u>
ACHN	6055	Aichyn (Aychin, Ashvin)	Nalakankar/Chandi/Changla
AGLE	6675	Agole East (Angole East)	Rolwaling
AMAD	6814	Ama Dablam (Amai Dablang)	Khumbu
AMOT	6393	Amotsang (Amatson)	Damodar
AMPG	5630	Amphu Gyabjen	Khumbu
AMPH	6740	Amphu I	Khumbu
AMPM	6202	Amphu Middle (Amphu North)	Khumbu
ANID	6808	Anidesh Chuli (White Wave Peak)	Kangchenjunga/Simhalila
ANN1	8091	Annapurna I	Annapurna
ANN2	7937	Annapurna II	Annapurna
ANN3	7555	Annapurna III	Annapurna
ANN4	7525	Annapurna IV	Annapurna
ANNE	8026	Annapurna I - East Smt	Annapurna
ANNM	8051	Annapurna I - Middle Smt	Annapurna
ANNS	7219	Annapurna South (Annapurna Dakshin)	Annapurna
APIM	7132	Api Main	Api/Byas Risi/Guras
APIW	7076	Api West	Api/Byas Risi/Guras
ARDN	6034	Ardang	Nalakankar/Chandi/Changla
ARNK	6034	Arniko Chuli (Araniko Chuli)	Mukut/Mustang
ASAJ	6265	Asajya Tappa	Nalakankar/Chandi/Changla
BAMO	6400	Bamongo	Rolwaling
BARU	7152	Baruntse	Khumbu
BAUD	6672	Baudha	Manaslu/Mansiri
BEDG	6125	Beding Go (Bedding Go)	Rolwaling
BHEM	6150	Bhemdang Ri (Pemthang Ri, Morimoto)	Jugal
BHRI	6476	Bhrikuti (Damodar Himal)	Damodar
BHRS	6361	Bhrikuti Shail	Damodar
BHUL	6102	Bhulu Lhasa	Kanjiroba
BIJO	6111	Bijora Hiunchuli	Kanjiroba
BOBA	6808	Bobaye	Api/Byas Risi/Guras
BOKT	6114	Boktoh (Bokta)	Kangchenjunga/Simhalila
BTAK	6799	Bhairab Takura (Madiya)	Jugal
BURK	6942	Burke Kang (Burke Khang)	Khumbu
CBAM	6109	Chhopa Bamare (Chomo Pamari)	Rolwaling
CHAB	6792	Chabuk (Tsajirip)	Janak/Ohmi Kangri
CHAG	6893	Chago	Makalu
CHAK	6704	Chako	Damodar
CHAM	7321	Chamlang	Khumbu
CHAN	6563	Changla (Changla Himal)	Nalakankar/Chandi/Changla
CHAW	6404	Chaw Peak	Janak/Ohmi Kangri
CHEK	6121	Chekigo	Rolwaling
CHEO	6820	Cheo Himal	Peri
CHIV	6650	Chhiv Himal (Chhib)	Damodar
CHKA	6060	Chamar Kang (Chharka, Kangtega)	Mukut/Mustang
CHMN	7165	Chamar North (Peak 23)	Ganesh/Shringi
CHMR	7161	Chamar (Shringi Himal)	Ganesh/Shringi
CHND	6142	Chandi Himal	Nalakankar/Chandi/Changla
CHNG	6623	Changdi	Kanti/Palchung

<u>Peak ID</u>	<u>Hgt (m)</u>	<u>Peak Name(s)</u>	<u>Location (Himals)</u>
CHOB	6686	Chobuje (Chobutse, Tsoboje)	Rolwaling
CHOL	6423	Cholatse (Tsolatse, Jobo Lhaptshan)	Khumbu
CHOP	6700	Cho Polu	Khumbu
CHOY	8188	Cho Oyu	Khumbu
CHRE	7371	Churen Himal East	Dhaulagiri
CHRI	5550	Chhukung Ri	Khumbu
CHRW	7371	Churen Himal West	Dhaulagiri
CHUB	5602	Chhubche (Chhuboche)	Damodar
CHUG	6258	Chukyima Go (Chugimago)	Rolwaling
CHUK	5833	Chhukung Tse (Chhukung Chuli)	Khumbu
CHUL	6584	Chulu Central (Chulu East)	Damodar
CHUM	6859	Chumbu	Khumbu
CHUR	7385	Churen Himal Central	Dhaulagiri
CHUW	6419	Chulu West	Damodar
CHWT	6130	Changwathang	Nalakankar/Chandi/Changla
CPHU	6260	Chhochenphu Himal	Janak/Ohmi Kangri
CTSE	7583	Changtse (Everest North Peak)	Khumbu
DANG	6220	Danga	Janak/Ohmi Kangri
DANS	6103	Danphe Shail (Danfe Shail)	Kanti/Palchung
DGAR	6638	Dhaulagari (Dhaulasiri)	Api/Byas Risi/Guras
DHA1	8167	Dhaulagiri I	Dhaulagiri
DHA2	7751	Dhaulagiri II	Dhaulagiri
DHA3	7715	Dhaulagiri III (Nalu, Naula)	Dhaulagiri
DHA4	7661	Dhaulagiri IV	Dhaulagiri
DHA5	7618	Dhaulagiri V	Dhaulagiri
DHA6	7268	Dhaulagiri VI	Dhaulagiri
DHAM	6012	Dhampus (Thapa Peak, Marpha Peak)	Mukut/Mustang
DHEC	6019	Dhechyan Kang	Damodar
DING	6249	Dingjung North (Kangkuru, Rima Mancho)	Rolwaling
DINS	6196	Dingjung Ri (Dingjung Ri South)	Rolwaling
DOGA	6536	Dogari	Dhaulagiri
DOLM	6332	Dolma Kang	Rolwaling
DOMK	7264	Dome Kang	Jongsang
DOMO	7447	Domo (Jongsang SE Peak)	Jongsang
DORJ	6966	Dorje Lhakpa	Jugal
DRAG	6185	Dragmorpa Ri (Thakmarpo Ri)	Langtang
DRAN	6757	Drangnag Ri (Thaknak Ri)	Rolwaling
DROM	6881	Drohmo (Domo, Longridge Peak)	Jongsang
DUDH	6045	Dudh Kundali (Dui Tal Chuli, Two Lakes Peak)	Kanjiroba
DWIJ	6169	Dwijen Himal	Ganesh/Shringi
DZA2	6318	Dzanye II	Janak/Ohmi Kangri
DZAN	6581	Dzanye	Janak/Ohmi Kangri
DZAS	6295	Dzasampatse	Khumbu
EKRA	6213	Ek Rate Danda	Khumbu
EVER	8850	Everest (Sagarmatha, Qomolungma)	Khumbu
FANG	7647	Fang (Bharaha Shikhar, Varaha Chuli, Finger)	Annapurna
FIRN	6730	Firnkopf (Firnkopf East)	Saipal
FIRW	6745	Firnkopf West	Saipal
GAMA	7187	Gama Peak	Dhaulagiri
GAN1	7422	Ganesh I (Yangra Kangri)	Ganesh/Shringi
GAN2	7118	Ganesh II	Ganesh/Shringi
GAN3	7043	Ganesh III (Salasungo, Kang Lombo)	Ganesh/Shringi

<u>Peak ID</u>	<u>Hgt (m)</u>	<u>Peak Name(s)</u>	<u>Location (Himals)</u>
GAN4	7104	Ganesh IV (Pabil)	Ganesh/Shringi
GAN5	6770	Ganesh V (Lapsang Karbo)	Ganesh/Shringi
GAN6	6908	Ganesh VI	Ganesh/Shringi
GAN7	6350	Ganesh VII	Ganesh/Shringi
GANC	6378	Ganchenpo (Fluted Peak, Ganchempo)	Jugal
GAND	6248	Gandharva Chuli (Gabelhorn Peak)	Annapurna
GANG	7455	Gangapurna	Annapurna
GANW	7140	Gangapurna West (Lachenal Peak, Asapurna)	Annapurna
GAUG	6110	Gaugiri	Damodar
GAUR	7135	Gaurishankar (Jomo Tseringma)	Rolwaling
GAUS	7010	Gaurishankar South (Gauri)	Rolwaling
GHAN	6744	Ghanyala Hies	Janak/Ohmi Kangri
GHEN	6596	Ghenge Liru (Ghenge Lirung, Langtang II)	Langtang
GHUN	6529	Ghustang North	Dhaulagiri
GHUS	6465	Ghustang South	Dhaulagiri
GHYM	5806	Ghyuthumba Main (Gutumpa, Pasang Peak)	Kanjiroba
GHYN	6110	Ghyun Himal I	Mukut/Mustang
GIME	7007	Gimmigela Chuli East (Twins)	Kangchenjunga/Simhalila
GIMM	7350	Gimmigela Chuli (Twins)	Kangchenjunga/Simhalila
GLAC	7069	Glacier Dome (Tarde Kang)	Annapurna
GOJN	6310	Gojung (Mugu Chuli)	Kanti/Palchung
GOLD	6632	Goldum Peak (Pangri Goldumba)	Langtang
GORH	6198	Gorakh Himal	Nalakankar/Chandi/Changla
GORK	6254	Gorakh Khang	Nalakankar/Chandi/Changla
GURA	6744	Guras	Api/Byas Risi/Guras
GURJ	7193	Gurja Himal	Dhaulagiri
GURK	6889	Gurkarpo Ri	Jugal
GYAC	7861	Gyachung Kang	Khumbu
GYAJ	7074	Gyajikang (Gyaji Kang)	Peri
GYLA	6363	Gyala	Manaslu/Mansiri
GYLZ	6151	Gyalzen Peak (Gyaltsen Peak)	Jugal
HCHI	7029	Hungchhi (Hunchhi, Chakung, Gyubanare)	Khumbu
HERZ	7555	Herzog Peak (Khangsar Kang West)	Annapurna
HIME	7893	Himalchuli East (Himalchuli Main)	Manaslu/Mansiri
HIMJ	7092	Himjung (Nemjung Goth)	Peri
HIML	7126	Himlung Himal	Peri
HIMN	7331	Himalchuli North	Manaslu/Mansiri
HIMW	7540	Himalchuli West	Manaslu/Mansiri
HIUP	6434	Hiunchuli (Patal Hiunchuli)	Annapurna
HMLE	6932	Himlung East	Peri
HNKU	6833	Hongku Chuli (Honku Chuli, Pyramid Peak)	Khumbu
HONG	6556	Hongde (Hangde, Hongde Himal)	Mukut/Mustang
HONK	6764	Hongku (Honku, Sura Peak)	Khumbu
HUGO	6787	Hulang Go	Peri
HUNK	6119	Hunku	Khumbu
IMJA	6165	Imjatse (Island Peak)	Khumbu
JABR	6166	Jabou Ri	Rolwaling
JAGD	5761	Jagdula	Kanjiroba
JANK	7041	Janak Chuli (Janak, Outlier)	Janak/Ohmi Kangri
JANU	7711	Jannu (Khumbhakarna)	Kangchenjunga/Simhalila
JARK	6473	Jarkya	Manaslu/Mansiri
JASG	6730	Jasomba Goth (Dzasampa Kang)	Khumbu

<u>Peak ID</u>	<u>Hgt (m)</u>	<u>Peak Name(s)</u>	<u>Location (Himals)</u>
JETH	6850	Jethi Bahurani (Jettiborani, Jutibofurani)	Api/Byas Risi/Guras
JING	6111	Jinjang (Genjang, Gajang, Jijang)	Damodar
JOBO	6778	Jobo Rinjang (Jobo Ribjang)	Rolwaling
JOMS	6335	Jomsom Himal (Jomsang Himal)	Damodar
JONG	7462	Jongsang (Jonsong, Jhinsang)	Jongsang
JUNC	7133	Junction Peak	Dhaulagiri
JYAC	6338	Jyachhung	Api/Byas Risi/Guras
KABD	6600	Kabru Dome	Kangchenjunga/Simhalila
KABN	7338	Kabru North (Kabru)	Kangchenjunga/Simhalila
KABR	7412	Kabru Main (Kabru III)	Kangchenjunga/Simhalila
KABS	7318	Kabru South (Kabru IV)	Kangchenjunga/Simhalila
KAG1	5978	Kagmara I	Kanjiroba
KAGA	5910	Kanta Gaton (Kangfu Gaton)	Kanjiroba
KAIP	6329	Kaipuchonam	Kanti/Palchung
KAKU	6344	Kang Kuru	Mukut/Mustang
KALI	6985	Kali Himal (Chota Ri, Baruntse North)	Khumbu
KAN1	6521	Kande Hiunchuli North I	Kanjiroba
KAN2	6471	Kande Hiunchuli North II	Kanjiroba
KANB	7902	Kangbachen (Kambachen)	Kangchenjunga/Simhalila
KANC	8473	Kangchenjunga Central	Kangchenjunga/Simhalila
KAND	6627	Kande Hiunchuli	Kanjiroba
KANG	8586	Kangchenjunga	Kangchenjunga/Simhalila
KANN	7938	Kangchenjunga North	Kangchenjunga/Simhalila
KANS	8476	Kangchenjunga South	Kangchenjunga/Simhalila
KANT	6850	Kanti Himal (Ronglai Kangri, Kaqr Kangri)	Kanti/Palchung
KAPT	5965	Kaptang	Kanti/Palchung
KARK	6015	Karko	Saipal
KARS	6225	Karsang Kang (Kharsang, UAAA Peak)	Damodar
KARY	6530	Karyolung	Rolwaling
KASI	6386	Kasi Dalpha	Kanjiroba
KBNE	7780	Kangbachen East (Kambachen East)	Kangchenjunga/Simhalila
KBON	6570	Kambong (Konabon)	Dhaulagiri
KCHN	6043	Kangchung Nup (Kangcho Nup, Cholo)	Khumbu
KCHS	6063	Kangchung Shar (UIAA Peak, Kangcho Shar)	Khumbu
KGRI	6792	Khangri Shar	Khumbu
KGRW	6658	Khangri West	Khumbu
KGUR	6981	Kang Guru (Naurgaon)	Peri
KHAM	6759	Khamjung (Khumjung, Khamjungar)	Damodar
KHAT	6790	Khatang	Rolwaling
KHAY	6186	Khayang	Manaslu/Mansiri
KHNG	6024	Khung	Kanti/Palchung
KHON	5798	Khongma Tse (Mehra Peak)	Khumbu
KHUM	6639	Khumbutse	Khumbu
KIMS	6781	Kimshung (Kinshung, Tsangbu Ri)	Langtang
KIRA	7362	Kirat Chuli (Tent Peak)	Jongsang
KJER	6612	Kanjerawla (Kanchen Ruwa)	Kanjiroba
KJRN	6858	Kanjiroba North	Kanjiroba
KJRS	6883	Kanjiroba South	Kanjiroba
KNAG	6737	Kang Nagchugo	Rolwaling
KNTE	6516	Kanti Himal East	Kanti/Palchung
KOGI	6275	Kogi Kang North (Kogi Khang North)	Kanti/Palchung
KOJI	6439	Kojichuwa Chuli	Kanti/Palchung

<u>Peak ID</u>	<u>Hgt (m)</u>	<u>Peak Name(s)</u>	<u>Location (Himals)</u>
KOJS	6264	Kojichuwa South	Kanti/Palchung
KOTA	6148	Kotang (Kokthang, Kothang Kang)	Kangchenjunga/Simhalila
KTEG	6783	Kangtega (Kang Taiga, Kantega)	Khumbu
KTOK	6294	Kangtokal	Dhaulagiri
KTSU	6444	Kangtsune (Kangchunne, Kanchauni Lekh)	Kanjiroba
KTUN	6484	Khatung Kang	Annapurna
KUML	6355	Kumlung (Kang Kuru?)	Damodar
KUSU	6370	Kusum Kanguru (Kusum Kang, Lamu)	Khumbu
KWAN	6186	Kwangde	Rolwaling
KYAB	6294	Kyabura (Ghabur, Temachungi)	Kangchenjunga/Simhalila
KYAS	6770	Kyashar (Peak 43, Tangnag Tseng)	Khumbu
KYAZ	6151	Kyazo Ri (Kyajo Ri)	Khumbu
KYR1	6599	Kyungka Ri 1 (Kyungya Ri 1)	Langtang
KYR2	6506	Kyungka Ri 2 (Kyungya Ri 2)	Langtang
LAMJ	6983	Lamjung Himal	Annapurna
LAMP	6648	Lampo (Langpo Kangri, Ganesh VI)	Ganesh/Shringi
LANG	7227	Langtang Lirung (Langtang)	Langtang
LANR	7205	Langtang Ri	Langtang
LANY	6048	Langtang Yubra (Yubra Himal)	Langtang
LARK	6416	Larkya Peak (Granite Peak)	Manaslu
LAS2	6803	Lashar II (Loshar II)	Janak/Ohmi Kangri
LASA	6189	Lasa	Api/Byas Risi/Guras
LASH	6842	Lashar I (Loshar I)	Janak/Ohmi Kangri
LCHA	6721	Lachama Chuli (Kubi Kangri, Kubi Dongdong)	Nalakankar/Chandi/Changla
LCHN	6628	Lachama North	Nalakankar/Chandi/Changla
LDAK	6220	Langdak	Rolwaling
LDNG	6386	Langdung	Rolwaling
LEOE	6733	Leonpo Gang East (Gyalgen Peak)	Jugal
LEON	6979	Leonpo Gang (Dorje Pahad, Big White Peak)	Jugal
LHAS	6412	Lha Shamma (Pinnacle Peak)	Kanjiroba
LHAY	6395	Lhayul Peak	Api/Byas Risi/Guras
LHOM	8410	Lhotse Middle (Lhotse Intermediate)	Khumbu
LHOT	8516	Lhotse	Khumbu
LIK1	6719	Linkhu Chuli I (Bigphera-Go Shar)	Rolwaling
LIK2	6659	Linkhu Chuli II (Bigphera-Go Nup)	Rolwaling
LING	6713	Lingtren	Khumbu
LMOC	6552	Langmoche Ri	Rolwaling
LNAK	6070	Lhonak (Rifil Peak)	Janak/Ohmi Kangri
LNGK	6786	Langchung Kang (Langpo Chung)	Jongsang
LNJU	6426	Langju	Ganesh/Shringi
LNKE	6024	Lunchhung Kamo East	Kanti/Palchung
LNPO	6965	Langpo (Longpo)	Jongsang
LOBE	6090	Lobuje East (Lobuche East)	Khumbu
LOBW	6135	Lobuje West (Lobuche West)	Khumbu
LSAM	6500	Lungsampa (Lung Sampa, Lumsumna)	Khumbu
LSHR	8382	Lhotse Shar (Lhotse II)	Khumbu
LSIS	6412	Langshisa Ri (Langsisa Ri)	Jugal
LUGU	6899	Lugula	Damodar
LUN2	6812	Lunag II	Rolwaling
LUNG	6042	Lungchhung	Kanti/Palchung
LUNR	6895	Lunag Ri (Lunag I, Rongshar Ri I, Ondrej Pk)	Rolwaling
LUNW	6492	Lunag West	Rolwaling

<u>Peak ID</u>	<u>Hgt (m)</u>	<u>Peak Name(s)</u>	<u>Location (Himals)</u>
MACH	6993	Machhapuchhare	Annapurna
MAK2	7678	Makalu II (Kangchungtse)	Makalu
MAKA	8485	Makalu	Makalu
MALA	6573	Malanphulan (Melanpulan, Hinku Ri)	Khumbu
MANA	8163	Manaslu (Kutang I, Peak 30)	Manaslu/Mansiri
MANN	6994	Manaslu North (Manaslu II)	Manaslu/Mansiri
MANP	6380	Manapathi	Dhaulagiri
MARD	5553	Mardi Himal	Annapurna
MARI	6528	Mariyang	Kanti/Palchung
MARW	6455	Mariyang West	Kanti/Palchung
MATA	5767	Matathumba (Matatumpa, Ghyuthumba East)	Kanjiroba
MAYT	6449	Mayonthang Kang (Mayun Thang Khang)	Kanti/Palchung
MERA	6470	Mera Peak ("False" Mera Peak)	Khumbu
MERR	6334	Merra	Kangchenjunga/Simhalila
MERS	6064	Mera South	Khumbu
MING	6207	Mingbo Ri	Khumbu
MNSL	6235	Mansail (Manshail)	Mukut/Mustang
MNSS	6248	Mansail South (Manshail South)	Mukut/Mustang
MOJC	6024	Mojca (Mojka)	Kangchenjunga/Simhalila
MPNW	6384	Manapathi NW	Dhaulagiri
MUKT	6087	Mukut Himal (Langru)	Mukut/Mustang
MUPK	6229	Mustang Peak	Mukut/Mustang
MUST	6195	Mustang Himal	Mukut/Mustang
MYAG	6273	Myagdi Matha	Dhaulagiri
NAG1	7321	Nangpai Gosum I (Cho Aui)	Khumbu
NAG2	7287	Nangpai Gosum II (Chamar)	Khumbu
NALA	6062	Nalakankar North	Nalakankar/Chandi/Changla
NALS	6024	Nalakankar South	Nalakankar/Chandi/Changla
NAM2	6585	Nampa II	Api/Byas Risi/Guras
NAM3	6611	Nampa III (Nampa Chuli)	Api/Byas Risi/Guras
NAMP	6729	Nampa (Chisel Peak)	Api/Byas Risi/Guras
NAMS	6130	Nampa South	Api/Byas Risi/Guras
NAN2	6209	Nangamari II	Janak/Ohmi Kangri
NANG	6547	Nangamari I	Janak/Ohmi Kangri
NAUL	6362	Naulekh	Khumbu
NAYA	5863	Naya Kanga (Kangja Chuli, Ganja Chuli)	Jugal
NCHU	6172	Nupchu	Janak/Ohmi Kangri
NEMJ	7140	Nemjung	Peri
NEPA	7177	Nepal Peak	Jongsang
NGAP	7007	Nepal Gap Peak (Nepal Gyap Peak)	Kangchenjunga/Simhalila
NGO2	7743	Ngojumba Kang II	Khumbu
NGO3	7681	Ngojumba Kang III (Hillary Peak)	Khumbu
NGOJ	7916	Ngojumba Kang I (Tenzing Peak)	Khumbu
NGOR	6165	Nagoru	Peri
NILC	6940	Nilgiri Central	Annapurna
NILN	7061	Nilgiri North	Annapurna
NILS	6839	Nilgiri South	Annapurna
NORB	6085	Norbu Kang	Kanjiroba
NPHU	5921	Narphu	Damodar
NREK	6159	Nirekha	Khumbu
NUMB	6958	Numbur	Rolwaling
NUMR	6635	Numri	Khumbu

<u>Peak ID</u>	<u>Hgt (m)</u>	<u>Peak Name(s)</u>	<u>Location (Himals)</u>
NUPE	7795	Nuptse East I	Khumbu
NUPK	6576	Nupche Kang (Friendship Pk, Nupche Himal)	Khumbu
NUPL	6861	Nup La Kang (Nupla Khang)	Khumbu
NUPT	7864	Nuptse	Khumbu
OHMI	6839	Ohmi Kangri	Janak/Ohmi Kangri
OMBG	6340	Ombigaichen (Puma Dablam)	Khumbu
OMBK	6300	Ombak Himal	Janak/Ohmi Kangri
OMIT	6332	Omitso Go (Omi Tso Go)	Rolwaling
PALD	5903	Paldor (Bharange)	Ganesh/Shringi
PAMA	6300	Pama Himal	Ganesh/Shringi
PAN1	6620	Panpoche 1 (Pang Phunch 1, Kutang Himal)	Manaslu/Mansiri
PAN2	6504	Panpoche 2 (Pang Phunch 2)	Manaslu/Mansiri
PANB	6905	Panbari	Peri
PAND	6670	Pandra	Janak/Ohmi Kangri
PANG	6625	Pangbuk Ri	Rolwaling
PANN	6478	Pangbuk North (Jobo LeCoultre)	Rolwaling
PANT	6687	Panalotapa (Paniyo Tapa, Paniyo Tippa)	Rolwaling
PARC	6279	Parchamo (Parchemuche, Pachermo)	Rolwaling
PASA	7350	Pasang Lhamu Chuli (Jasemba)	Khumbu
PASH	6177	Pashuwo (Pashubo)	Ganesh/Shringi
PATR	6450	Patrasi Himal (Kande Hiunchuli North)	Kanjiroba
PAWR	6621	Pawar Central (Chaar Baatsa)	Peri
PBUK	6244	Pabuk Kang (Kangata)	Janak/Ohmi Kangri
PEMK	6865	Pemthang Karpo Ri (Dome Blanc, Kan Karmo)	Jugal
PERH	6296	Peri Himal	Peri
PERI	6174	Peri	Langtang
PETH	6739	Pethangtse	Khumbu
PHAR	6017	Pharilapcha	Khumbu
PHNG	6524	Phungi	Peri
PHNH	6538	Phungi Himal	Manaslu/Mansiri
PHOL	6645	Phole	Kangchenjunga/Simhalila
PHUG	6767	Phu Kang Go (Athahra Saya Khola Himal)	Peri
PHUK	6694	Phu Kang (Phu Khang)	Peri
PHUN	6580	Phu Kang North (Phu Khang North)	Peri
PHUR	6637	Phurbi Chhyachu (Purbi Gyachu)	Jugal
PIMU	6344	Pimu (Pamalka)	Rolwaling
PISA	6091	Pisang (Jong Ri)	Damodar
PK04	6736	Peak 4 (Sherston Ri)	Khumbu
PK29	7871	Peak 29 (Ngadi Chuli, Dr Harka Gurung Chuli)	Manaslu/Mansiri
PK41	6648	Peak 41 ("True" Mera Peak)	Khumbu
PKAR	6264	Pankar Himal	Manaslu/Mansiri
PLNG	7012	Palung (Palung Ri)	Khumbu
POIN	5850	Pointed Peak	Khumbu
POKA	5806	Pokalde	Khumbu
POKR	6372	Pokharkang	Damodar
POTA	6182	Pota Himal North (Peak Hawley)	Dhaulagiri
PTHE	6572	Pethangtse East	Khumbu
PUCH	6049	Punchen Himal (Puchen Himal)	Ganesh/Shringi
PUMO	7138	Pumori	Khumbu
PURB	6500	Purbung Himal (Putrung)	Damodar
PURK	6126	Purkhung (Purkhang, Purkung)	Damodar
PUTH	7246	Putha Hiunchuli (Dhaulagiri VII)	Dhaulagiri

<u>Peak ID</u>	<u>Hgt (m)</u>	<u>Peak Name(s)</u>	<u>Location (Himals)</u>
PYRM	7140	Pyramid Peak (Pathibhara Chuli)	Jongsang
RAKS	6609	Raksha Urai (Raksha Urai III)	Api/Byas Risi/Guras
RAMC	6802	Ramtang Chang (Wedge Peak, Chang Himal)	Kangchenjunga/Simhalila
RAMD	5900	Ramdung	Rolwaling
RAMT	6601	Ramtang	Kangchenjunga/Simhalila
RANI	6693	Rani Peak (Lidanda Peak, Himalchuli NE)	Manaslu/Mansiri
RATC	7035	Ratna Chuli	Peri
RATH	6682	Rathong	Kangchenjunga/Simhalila
RAUN	6224	Raungsiyar	Rolwaling
RHIM	6210	Rhimbu	Ganesh/Shringi
RIPI	6647	Ripimo Shar (Khang Karpo)	Rolwaling
ROCN	7485	Roc Noir (Khangsar Kang)	Annapurna
ROKA	6468	Rokapi (Kapchuli)	Api/Byas Risi/Guras
ROLK	6664	Rolwaling Kang (Rolwaling Khang)	Rolwaling
ROLM	6056	Rolmi	Ganesh/Shringi
ROMA	5407	Roma	Saipal
SAIE	6925	Saipal East Humla	Saipal
SAIP	7030	Saipal	Saipal
SALD	6374	Saldim	Makalu
SALW	6388	Saldim West (Peak 5, Saldim Ri, Yaphu Ri)	Makalu
SAMD	6335	Samdo	Manaslu/Mansiri
SANC	6207	Sanctuary Peak	Kanjiroba
SARI	6328	Saribung (Selibung)	Damodar
SATO	6164	Sat Peak (Sato Peak)	Janak/Ohmi Kangri
SAUL	6235	Saula	Manaslu/Mansiri
SHA2	7457	Shartse II (Junction Peak)	Khumbu
SHAL	6707	Shalbachum (Phrul Rangtshan Ri)	Langtang
SHAR	7591	Shartse (Peak 38, Shanti Shikhar)	Khumbu
SHER	6432	Shershon (Peak 3)	Makalu
SHEY	6139	Shey Shikhar (Junction Peak)	Kanjiroba
SHNW	6682	Shershon Northwest	Makalu
SIMN	6251	Simnang Himal (P2, Simnang Himal East)	Manaslu/Mansiri
SING	6501	Singu Chuli (Fluted Peak)	Annapurna
SISN	5911	Sisne Himal (Hiunchuli Patan)	Kanjiroba
SITA	6611	Sita Chuchura	Mukut/Mustang
SNOW	6530	Snow Peak	Dhaulagiri
SOBI	6652	Sobithongie	Kangchenjunga/Simhalila
SPH2	6328	Sharphu II	Janak/Ohmi Kangri
SPH3	6220	Sharphu III	Janak/Ohmi Kangri
SPH4	6172	Sharphu IV	Janak/Ohmi Kangri
SPH5	6158	Sharphu V	Janak/Ohmi Kangri
SPH6	6076	Sharphu VI	Janak/Ohmi Kangri
SPHN	6825	Sphinx (Pathibhara Phurba)	Jongsang
SPHU	6433	Sharphu I (Tanga I)	Janak/Ohmi Kangri
SRKU	6227	Serku Dolma	Kanjiroba
SURM	6564	Surma-Sarovar North	Api/Byas Risi/Guras
SWAK	6405	Swaksa Kang	Kanti/Palchung
SWEL	6180	Swelokhan	Manaslu/Mansiri
SYKG	5929	Syaokang	Janak/Ohmi Kangri
TAKL	6276	Takla Kang (Takla Khang)	Kanti/Palchung
TAKN	6142	Takphu North	Nalakankar/Chandi/Changla
TAKP	6395	Takphu Himal	Nalakankar/Chandi/Changla

<u>Peak ID</u>	<u>Hgt (m)</u>	<u>Peak Name(s)</u>	<u>Location (Himals)</u>
TANK	6305	Tankya I	Kanti/Palchung
TAPL	6447	Taple Shikhar (Cross Peak)	Kangchenjunga/Simhalila
TASH	6386	Tashi Kang	Mukut/Mustang
TAWA	6110	Tawa	Damodar
TAWO	6495	Tawoche (Taboche)	Khumbu
TENG	6215	Tengkoma (Tang Kongma)	Jongsang
TENR	6938	Tengi Ragi Tau (Angole)	Rolwaling
THAM	6618	Thamserku (Tramserku)	Khumbu
THAR	5663	Tharpu Chuli (Tent Peak)	Annapurna
THOC	6602	Thoche Go	Peri
THOR	5751	Thorong Peak (Thorung Peak)	Annapurna
THRK	6710	Tharke Kang (Tharke Khang)	Khumbu
THUL	7059	Thulagi (Mansiri Himal)	Manaslu/Mansiri
TILI	7134	Tilicho (Tilitso)	Annapurna
TILJ	6530	Tilje	Api/Byas Risi/Guras
TILK	6369	Til Kang	Nalakankar/Chandi/Changla
TKPO	6482	Tengkangpoche (Thyangmoche)	Rolwaling
TKRE	6152	Takargo East (Dragker-go East)	Rolwaling
TKRG	6771	Takargo (Dragker-go)	Rolwaling
TLNG	7349	Talung	Kangchenjunga/Simhalila
TOBS	6065	Tobsar (Tabsar)	Ganesh/Shringi
TONG	6187	Tongu	Mukut/Mustang
TRIA	6484	Triangle Peak	Jugal
TRIP	6553	Tripura Hiunchuli (Hanging Glacier Peak)	Kanjiroba
TSAR	6343	Tsartse	Mukut/Mustang
TSIS	6196	Tsisima (Chijima, MDM Peak)	Janak/Ohmi Kangri
TSKP	6518	Tso Karpo	Kanjiroba
TSOK	6556	Tso Karpo Kang	Kanjiroba
TSUR	6395	Tsaurabong Peak (White Peak)	Dhaulagiri
TUKU	6920	Tukuche	Dhaulagiri
TUTS	6758	Tutse (Peak 6, Nephu)	Makalu
URKM	6143	Urkinmang (Buddha)	Jugal
URMA	5890	Urkema (Baden Powell Scout Peak)	Langtang
YAKA	6482	Yakawa Kang	Damodar
YALA	6236	Yala Chuli (Yara Chuli)	Kanti/Palchung
YALU	8505	Yalung Kang (Yalungkar)	Kangchenjunga/Simhalila
YALW	8077	Yalung Kang West	Kangchenjunga/Simhalila
YANG	6535	Yangri (Jugal)	Jugal
YANK	6206	Yanme Kang	Janak/Ohmi Kangri
YANS	6567	Yansa Tsensi (Dragpoche, Dhagpahe)	Langtang
YARW	6644	Yarwa	Api/Byas Risi/Guras
YAUP	6422	Yaupa	Makalu
YNGS	6863	Yangra Kangri South (Ganesh I South)	Ganesh/Shringi
YOKO	6423	Yokopahar (Nampa VIII)	Api/Byas Risi/Guras

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 Description</u>	<u>Field Name</u>	<u>Data Type</u>	<u>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:

<u>Field Description</u>	<u>Field Name</u>	<u>Data Type Length</u>
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
Total number of days	TOTDAYS	N 03
Date terminated	TERMDATE	D 08
Reason terminated	TERMREASON	N 02
0 – Unknown		
1 – Success (main peak)		
2 – Success (subpeak)		
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 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</u>	<u>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)	TOTHIRED	N	02
Nbr of hired personnel on summit	SMTHIRED	N	02
Nbr of hired personnel deaths	HDEATHS	N	02
No hired personnel used (above BC)	NOHIRED	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	CAMPSPITES	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)	STDRT	L	01
Route info with primary exp (Y/N)	PRIMRTE	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		1967

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</u>	<u>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
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)	DEATHHTGM	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			

Description	Name	Type	Length
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)			
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 loss of motivation			
8 – Frostbite, snowblindness or coldness			
9 – Other illnesses or pains			
10 – Lack of supplies 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 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
	Total length		786

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 Description</u>	<u>Field Name</u>	<u>Data 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	RJRN	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	RTITLE	C 210
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	516

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:
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 summing 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.
HIREDE	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> <ul style="list-style-type: none"> 1 = Death en route to or from base camp 2 = Death at base camp 3 = Death during the route preparation phase before a summit bid commences 4 = Death during the ascent phase of a summit bid whether successful or not 5 = Death during the descent phase of a summit bid 6 = Death during the route evacuation phase after all summit bids are completed 7 = Other or unknown classification of death
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.

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 <i>Catalogue of the Himalayan Literature</i> , Yoshimi Yakushi, Hakusuisha Publishing Co., Tokyo, 1994 (often referred to as the “Yakushi number” of the publication).

Appendix C: Search and Export Conditions

The **Full Search** and **Export** commands allow you to specify conditional expressions that control what information is requested.

There are four concepts that you need to understand in order to effectively use conditional expressions:

- Field names and data types of the database tables
- Arithmetic operators and conditions
- Logical operators and conditions
- Operator precedence and grouping

Field Names and Data Types

The *field name* is the name of a field in a table record that contains the information to be provided. Examples of field names in the EXPED table are PEAKID, YEAR, SEASON, NATION, SMTDATE and DISPUTED. The *field type* describes the format of the data in the field: *character*, *numeric*, *date*, *logical*, or *memo*. Visual FoxPro has a rigid set of rules for describing field data types:

Character data (C)	Must be enclosed in quotes ("") or primes (''); e.g., "EVER", "1996", or 'Spain'.
Numeric data (N)	Specified as a numeric value (signs and decimals are valid but are not relevant to this database); e.g., 4, 12.
Date data (D)	Specified using braces or the CTOD function (character string to date conversion); e.g., {04/01/2002} or CTOD('10/31/88').
Note: This seemingly strange way of specifying dates is necessary because dates are stored internally as the Julian number of days since an internal computer date. The braces or the CTOD function converts your character string representation into this Julian format.	
Logical data (L)	The value is not specified; only the field name is specified, with or without the NOT operator (for true or false) in a logical expression (see below).
Memo data (M)	Treated as character data (see the discussion of the \$ operator below).

The field names and data types for all the tables are given in Appendix B or in the Set Search Condition dialog box for the **Full Search** command (the data type for each field is in parentheses). The dialog box for expeditions is:

Set Search Condition

Enter new expression or edit current expression

Operators: = <> < > <= >= And Or Not (...) Ctod('dd/mm/yy') {dd/mm/yy} ('xxx' \$ field)

EXPID (C)	DISPUTED (L)	MDEATHS (N)	PRIMID (C)
PEAKID (C)	ILLEGAL (L)	TOTHIRED (N)	
YEAR (C)	COMMERCIAL (L)	SMTHIRED (N)	
SEASON (N)	COUNTRIES (C)	HDEATHS (N)	
HOST (N)	APPROACH (C)	NOHIRED (L)	
ROUTE1 (C)	BCDATE (D)	O2USED (L)	
ROUTE2 (C)	SMTDATE (D)	O2NONE (L)	
ROUTE3 (C)	SMTTIME (C)	O2CLIMB (L)	
ROUTE4 (C)	TERMDATE (D)	O2DESCENT (L)	
NATION (C)	TERMREASON (N)	O2SLEEP (L)	
LEADERS (C)	TERMNOTE (C)	O2MEDICAL (L)	
SPONSOR (C)	SMTDAYS (N)	O2TAKEN (L)	
SUCCESS1 (L)	TOTDAYS (N)	O2UNKWN (L)	
SUCCESS2 (L)	HIGHPOINT (N)	OTHERSMTS (C)	
SUCCESS3 (L)	TRAVERSE (L)	CAMPSITES (C)	
SUCCESS4 (L)	SKI (L)	ROUTEMEMO (M)	
ASCENT1 (C)	PARAPENTE (L)	ACCIDENTS (C)	
ASCENT2 (C)	CAMPS (N)	ACHIEVEMENT (C)	
ASCENT3 (C)	ROPE (N)	PRIMRTE (L)	
ASCENT4 (C)	TOTMEMBERS (N)	PRIMMEM (L)	
CLAIMED (L)	SMTMEMBERS (N)	PRIMREF (L)	

and for members is:

Set Search Condition

Enter new expression or edit current expression

Operators: = <> < > <= >= And Or Not (...) Ctod('dd/mm/yy') {dd/mm/yy} ('xxx' \$ field)			
EXPID (C)	DISABLED (L)	MROUTE1 (N)	INJURYDATE (D)
MEMBID (C)	HIRED (L)	MROUTE3 (N)	INJURYTIME (C)
PEAKID (C)	SHERPA (L)	MASCENT1 (N)	INJURYTYP (N)
MYEAR (C)	TIBETAN (L)	MASCENT2 (N)	INJURYHGTM (N)
MSEASON (N)	MSUCCESS (L)	MASCENT3 (N)	DEATHNOTE (C)
FNAME (C)	MCLAIMED (L)	MO2USED (L)	MEMBERMEMO (M)
LNAME (C)	MDISPUTED (L)	MO2NONE (L)	
SEX (C)	MILLEGAL (L)	MO2CLIMB (L)	
AGE (N)	MSOLO (L)	MO2DESCENT (L)	
BIRTHDATE (D)	MTRAVERSE (L)	MO2SLEEP (L)	
YOB (C)	MSKI (L)	MO2MEDICAL (L)	
CALCAGE (N)	MPARAPENTE (L)	MO2NOTE (C)	
CITIZEN (C)	MHIGHPT (L)	DEATH (L)	
STATUS (C)	MPERHIGHPT (II)	DEATHDATE (D)	
RESIDENCE (C)	MSMTDATE1 (D)	DEATHTIME (C)	
OCCUPATION (C)	MSMTDATE2 (D)	DEATHTYPE (N)	
LEADER (L)	MSMTDATE3 (D)	DEATHHGTM (N)	
DEPUTY (L)	MSMTTIME1 (C)	DEATHCLASS (N)	
BCONLY (L)	MSMTTIME2 (C)	AMS (L)	
NOTTOBC (L)	MSMTTIME3 (C)	WEATHER (L)	
SUPPORT (L)	MROUTE1 (N)	INJURY (L)	

Expression Operators

The *arithmetic operators* are used to specify arithmetic relations between field names and field values. The arithmetic operators are:

=	equal to
<>	not equal to
>	greater than
<	less than
>=	greater than or equal to
<=	less than or equal to

Two operands joined by an arithmetic operator form an *arithmetic condition*. Visual FoxPro requires that the data and field types agree. Examples of arithmetic conditions used in conditional expressions are:

PEAKID="EVER"	Peak ID is EVER (Everest)
YEAR="1996"	Expedition year is 1996
CITIZEN="Spain"	Citizenship is Spain
SEASON=4	Season is 4 (Winter)
SMTDATE=CTOD('10/31/88')	Summit date is October 31, 1988
BCDATE<{04/01/2002}	BC arrival date is before April 1, 2002
MDISPUTED	Member summit success is disputed
MO2USED	Oxygen was used by member

The *logical operators* are used to specify logical relations between arithmetic conditions. The logical operators are used in the following manner:

A And B	means both expressions A and B are true (logical AND).
A Or B	means one or both of the expressions A and B is true (logical OR).
Not A	means expression A is not true (logical NOT).
A	means expression A is true (no operator used).

Examples of logical conditions used in conditional expressions are:

PEAKID="EVER" And YEAR=1988
means Peak ID is EVER and the year is 1988

MO2CLIMB Or MO2SLEEP
means oxygen used for climbing or sleeping

CITIZEN="Spain" And PEAKID="EVER" And MSUCCESS
means all Spanish Everest summiters

Using the above example, we can display a list of Spanish summiters:

Search Members

CITIZEN="Spain" And PEAKID="EVER" And MSUCCESS

Exp ID	Season	Citizenship	Member Name
► EVER-931-03	1993 Spr	Spain	Jose Ramon Aguirre Begiristain (S)
EVER-011-18	2001 Spr	Spain	Miquel (Mikel) Alvarez Menor (S)
EVER-041-57	2004 Spr	Spain	Juan Diego Amador Rivero (S)
EVER-081-08	2008 Spr	Spain	Frances Xavier (Xavi) Arias Sunyer (S)
EVER-081-08	2008 Spr	Spain	Xavier (Xavi) Aymar Santamaria (S)
EVER-081-09	2008 Spr	Spain	Jose Baena Roca (S)
EVER-041-63N	2004 Spr	Spain	Nuria Balague Gomez (S)
EVER-001-06	2000 Spr	Spain	Jordi Bayona Silva (S)
EVER-001-06	2000 Spr	Spain	Joan Belmonte Blanch (S)
EVER-923-03	1992 Aut	Spain	Jesus Maria (Josu) Bereziartua Etxaniz (S)
EVER-933-05	1993 Aut	Spain	Ramon Blanco Suarez (S)
EVER-883-01	1988 Aut	Spain	Nil Bohigas Martorell (S)
EVER-101-06	2010 Spr	Spain	Albert Bosch Riera (S)
EVER-041-57	2004 Spr	Spain	Francisco (Paco) Briongos Fuente (S)
EVER-061-83N	2006 Spr	Spain	Juan Jose (Juanjo) Buendia Munoz (S)
EVER-852-01N	1985 Sum	Spain	Oscar Cadiach Puig (S)
EVER-931-17	1993 Spr	Spain	Oscar Cadiach Puig (S)
EVER-061-24	2006 Spr	Spain	Bartolome (Tolo) Calafat Marcus (S)
EVER-061-83N	2006 Spr	Spain	Oscar Cardo Briones (S)
EVER-061-80N	2006 Spr	Spain	Joan Cardona Tarres (S)
EVER-031-49N	2003 Spr	Spain	Juan Castillo Peralta (S)
EVER-061-83N	2006 Spr	Spain	Pedro Raul Checa Chumillas (S)

Double-click entry to display entry

Count = 100

Order

Search Members

CITIZEN="Spain" And PEAKID="EVER" And MSUCCESS

Exp ID	Season	Member Name (Citizenship)
► EVER-931-03	1993 Spr	Jose Ramon Aguirre Begiristain (Spain) (S)
EVER-011-18	2001 Spr	Miquel (Mikel) Alvarez Menor (Spain) (S)
EVER-041-57	2004 Spr	Juan Diego Amador Rivero (Spain) (S)
EVER-081-08	2008 Spr	Frances Xavier (Xavi) Arias Sunyer (Spain) (S)
EVER-081-08	2008 Spr	Xavier (Xavi) Aymar Santamaria (Spain) (S)
EVER-081-09	2008 Spr	Jose Baena Roca (Spain) (S)
EVER-041-63N	2004 Spr	Nuria Balague Gomez (Spain) (S)
EVER-001-06	2000 Spr	Jordi Bayona Silva (Spain) (S)
EVER-001-06	2000 Spr	Joan Belmonte Blanch (Spain) (S)
EVER-923-03	1992 Aut	Jesus Maria (Josu) Bereziartua Etxaniz (Spain) (S)
EVER-933-05	1993 Aut	Ramon Blanco Suarez (Spain) (S)
EVER-883-01	1988 Aut	Nil Bohigas Martorell (Spain) (S)
EVER-101-06	2010 Spr	Albert Bosch Riera (Spain) (S)
EVER-041-57	2004 Spr	Francisco (Paco) Briongos Fuente (Spain) (S)
EVER-061-83N	2006 Spr	Juan Jose (Juanjo) Buendia Munoz (Spain) (S)
EVER-852-01N	1985 Sum	Oscar Cadiach Puig (Spain) (S)
EVER-931-17	1993 Spr	Oscar Cadiach Puig (Spain) (S)
EVER-061-24	2006 Spr	Bartolome (Tolo) Calafat Marcus (Spain) (S)
EVER-061-83N	2006 Spr	Oscar Cardo Briones (Spain) (S)
EVER-061-80N	2006 Spr	Joan Cardona Tarres (Spain) (S)
EVER-031-49N	2003 Spr	Juan Castillo Peralta (Spain) (S)
EVER-061-83N	2006 Spr	Pedro Raul Checa Chumillas (Spain) (S)

Double-click entry to display entry

Count = 98

Order

Logical conditions can be made more complex. For example:

PEAKID="EVER" And YEAR=1988 And SMTDATE>={11/1/1988}
means Peak ID is EVER and the summit date was on or after
November 1 in the year 1988

SKI And Not PARAPENTE
means ski, but not parapente, descent

The precedence of logical operators is left to right; that is, this expression

A operator B operator C operator D

is evaluated as

((A operator B) operator C) operator D

This can lead to confusion unless you are careful how you group the expressions. Parentheses can be used to change the order of evaluation and to clarify your expressions and *should be used whenever in doubt*. Note, for example, the difference between the following two expressions:

SMTDATE>{10/31/1988} And (SKI Or PARAPENTE)

The first expression means all expeditions whose summit date is after October 31, 1988 and that had a ski or parapente descent. The parentheses around SKI and PARAPENTE force the Or operator to be evaluated before the And operator.

Smtdate>{10/31/1988} And Ski Or Parapente

The second expression means all expeditions whose summit date after October 31, 1988 and that had a ski descent, or all expeditions that had a parapente descent anytime. Without the parentheses, the And operator is evaluated before the Or operator since it is to the left. This expression is equivalent to

(Smtdate>{10/31/1988} And Ski) Or Parapente

Field names and logical operators can be entered either in upper, lower, or mixed case.

Other Useful Functions

Generally, conditional searches are case sensitive. You may use the UPPER function to get around this. For example:

Upper(Citizen)="SPAIN"

means match all "SPAIN" entries regardless of case. This example matches "SPAIN," "Spain," and "spain." This works by converting the contents of

CITIZEN to uppercase before matching against “SPAIN.” Note that the actual contents of the database are not changed by the UPPER function.

The BETWEEN function is used to search for values between two limits:

Between(Season,3,4)

searches for either autumn or winter expeditions and is the same as:

Season=3 Or Season=4

The BETWEEN function can also be used with character or date data types:

Between(YEAR,"1990","1999")

or

Between(Smtdate,{05/01/1996},{05/31/1996})

The “\$” operator is used to search for an embedded character string. This is most useful for searching for a string within a longer character string such as a memo field. For example, to search for the string “parapente” in the ROUTEMEMO field, use the expression:

"parapente" \$ ROUTEMEMO

To ignore the case of the subject string “parapente,” use the UPPER function:

Upper("parapente") \$ Upper(ROUTEMEMO)

Variations of the “\$” operator are the AT and ATC functions, which perform the same operation:

AT("parapente",routememo) > 0

ATC("parapente",routememo) > 0

The ATC function ignores case during the search. These functions return the character position of the subject string “parapente” in the search field “routememo” or return the value of 0 when the subject is not found.

Initial Substrings in Conditions

Conditional character searches are done using initial substrings; that is, the search matches all records whose contents begin with the specified characters. For example,

PEAKID="ANN"

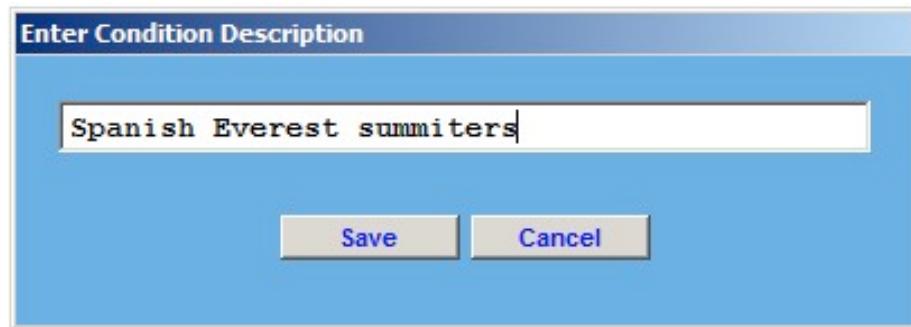
means match all peak IDs beginning with “ANN,” which matches all the Annapurnas: ANN1, ANN2, ANN3, ANN4, ANNE, ANNM, ANNS.

LNAME="Richards"

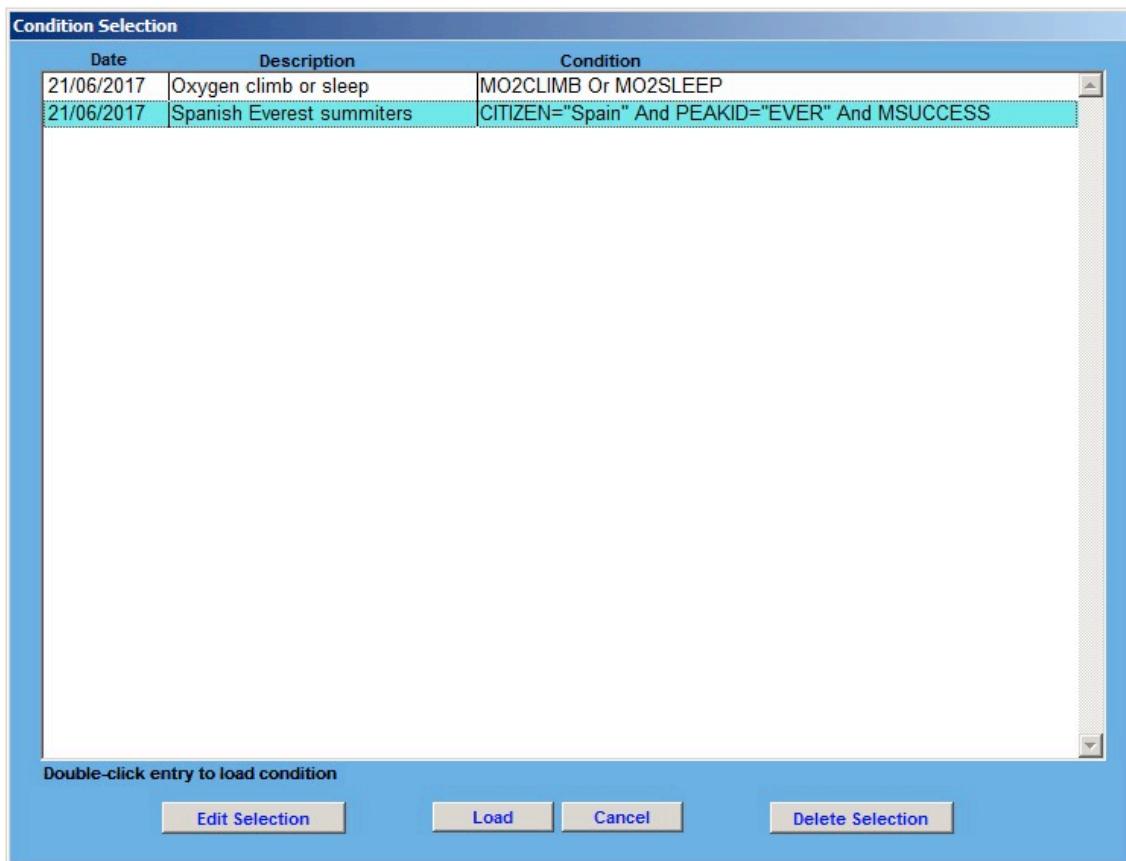
means match all family names beginning with "Richards," matching, for example, the names Richards and Richardson.

Saving and Loading Conditions

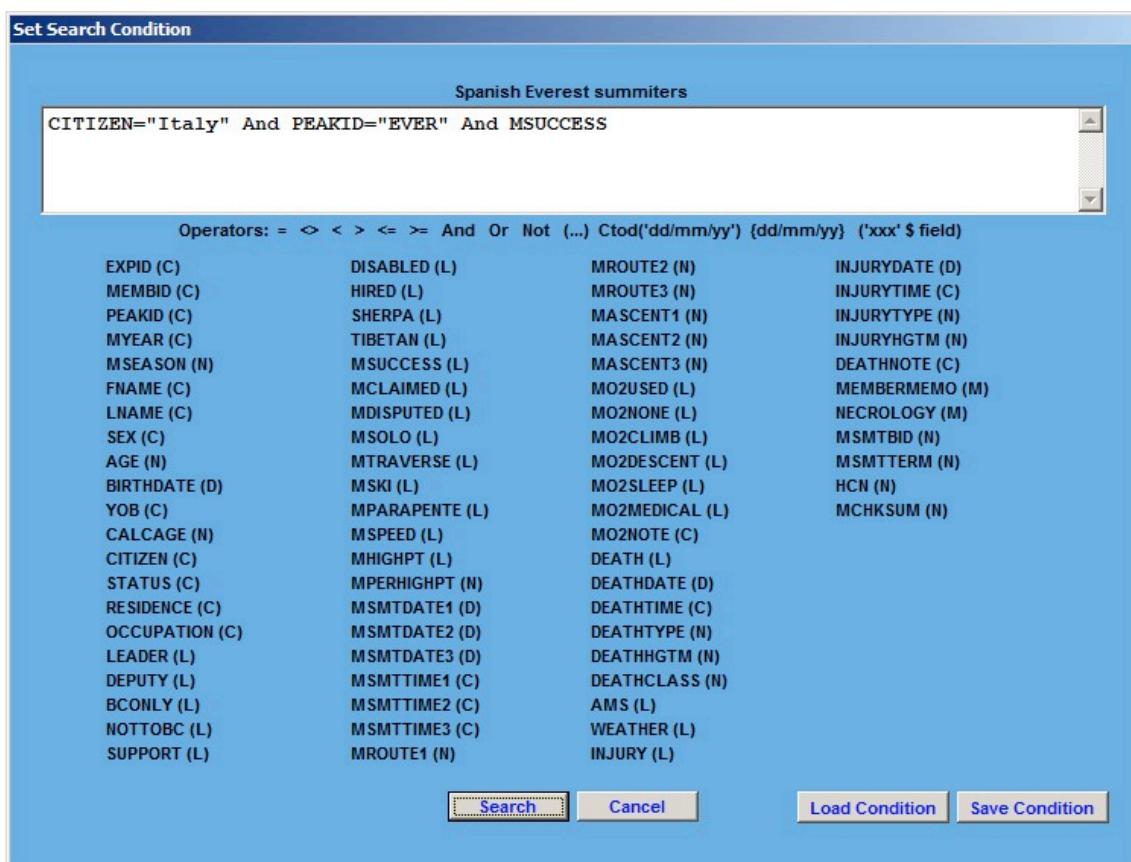
You may save the current condition by clicking the **Save Condition** button on the Set Search Condition dialog box. When saving the condition, enter a short (up to 50-characters) description of the condition's purpose in the Enter Expression Description dialog box; for example, saving the condition described above for Spanish Everest summiters:



You may load a previously saved condition by clicking the **Load Condition** button on the Set Search Condition dialog box. Select the desired condition from the listing of conditions in the Condition Selection dialog box and click the **Load** button, or double-click on the desired condition to load it.



After loading a condition, you may further edit it. For example, the condition could be modified to search for Italian Everest summiters and yield the following result, e.g.:



Search Members			
CITIZEN="Italy" and PEAKID="EVER" And MSUCCESS			
Exp ID	Season	Citizenship	Member Name
EVER-061-56N	2006 Spr	Italy	Marco Astori (S)
EVER-071-45N	2007 Spr	Italy	Mario Audriguettoni (S)
EVER-041-28N	2004 Spr	Italy	Claudio Bastrentaz (S)
EVER-051-48N	2005 Spr	Italy	Claudio Bastrentaz (S)
EVER-041-28N	2004 Spr	Italy	Tarcisio Bello (S)
EVER-731-01	1973 Spr	Italy	Claudio Benedetti (S)
EVER-071-11N	2007 Spr	Italy	Romano Benet (S)
EVER-951-05N	1995 Spr	Italy	Marco Bianchi (S)
EVER-071-62	2007 Spr	Italy	Stefano Biffi (S)
EVER-923-10	1992 Aut	Italy	Abèle Blanc (S)
EVER-101-31N	2010 Spr	Italy	Abèle Blanc (S)
EVER-911-11N	1991 Spr	Italy	Battistino (Battista) Bonali (S)
EVER-071-46N	2007 Spr	Italy	David Borlini (S)
EVER-041-28N	2004 Spr	Italy	Alessandro Mario Busca (S)
EVER-101-31N	2010 Spr	Italy	Marco Camandona (S)
EVER-161-11	2016 Spr	Italy	Enrico Cambini (S)
EVER-731-01	1973 Spr	Italy	Rinaldo Carrel (S)
EVER-171-57	2017 Spr	Italy	Davide Chiesa (S)
EVER-041-28N	2004 Spr	Italy	Marco Confortola (S)
EVER-081-54	2008 Spr	Italy	Cristian Corazza (S)
EVER-021-10N	2002 Spr	Italy	Mario Curnis (S)
EVER-041-15N	2004 Spr	Italy	Adriano Dal Cin (S)

At the bottom are buttons for 'Double-click entry to display entry', 'Count = 79', 'Order' (set to 'Name'), 'Done', 'Print Results', and 'Export Results'.

Appendix D: Installing the Himalayan Database

Windows Installation

The Himalayan Database requires a PC running:

Windows XP or Windows 7, 8, 8.1 or 10

and a monitor screen resolution of 1024 x 768 or greater. The program will run on earlier systems such as Windows 95, 98, ME, NT, 2000 or Vista, but they are not recommended.

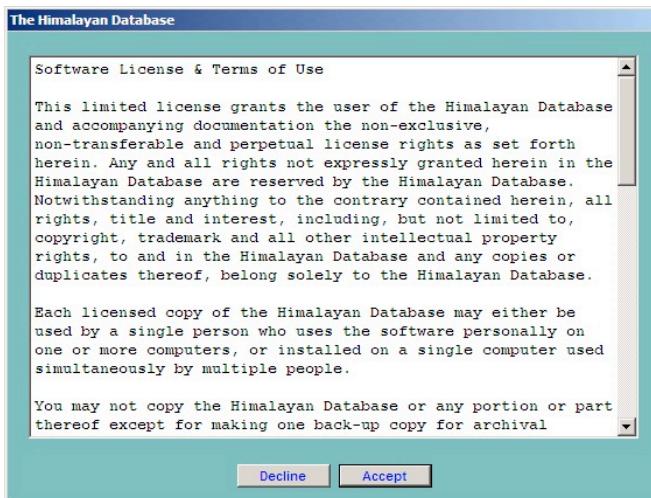
Download the Himalayan Database from the website at

www.himalayandatabase.com

To install the Himalayan Database and the Himal program, unzip the file and copy the resulting Himalayan Database folder to your local C: drive.

Open the Himalayan Database folder and double-click the **Himal** icon to launch the Himal program (you may wish to create a shortcut to the Himal Program and place it on your desktop).

You will be asked to accept the software license and terms the first time you run the program:



Macintosh Installation

The original Himalayan Database that was published in 2004 on CD-Rom could run natively on older PowerPC Macintosh computers running OS 8.6, 9.0 or OS X in Classic mode (OS 10.4 or earlier). This version is no longer supported as Power Macintosh computers are now outdated.

In January 2006, Apple released a new series of Macintosh computers that used the Intel dual-core processor, and soon thereafter released Boot Camp, which

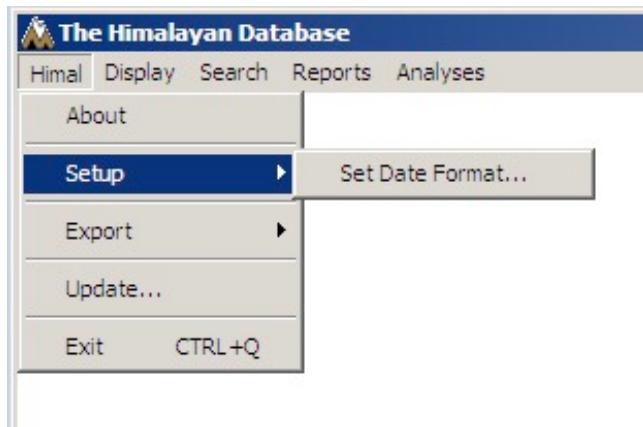
allowed these Intel-based Macs to run Windows XP natively. This and other more elegant solutions developed by other third-party vendors such as Parallels (www.parallels.com) and Fusion (www.vmware.com) now enable Intel-based Macs to run the Windows version of the Himalayan Database. These solutions also require the installation of a Windows operating system.

CrossOver (www.codeweavers.com) is a program that allows you to run many popular Windows programs on an Intel-based Macintosh without installing the Windows operating system. The Himalayan Database is compatible with CrossOver and may be used with CrossOver on your Mac. See the Himalayan Database website for further details.

Wine is an open-sourced software system that allows you to run many popular Windows programs on an Intel-based Macintosh (using OS X 10.6 or higher) without installing the Windows operating system. The Himalayan Database is compatible with Wine and is implemented through the WineBottler application. See the Himalayan Database website for further details.

Setting the Date Format

The **Set Date Format** command in the **Setup** submenu of the **File** menu specifies the format in which dates are displayed:



The choices are American or International:



The setting of the date format is saved between sessions. Initially, the date format is set to the International format.

Appendix E: Updating the Himalayan Database

Periodic updates to the Himalayan Database will be issued via the Internet at

www.himalayandatabase.com

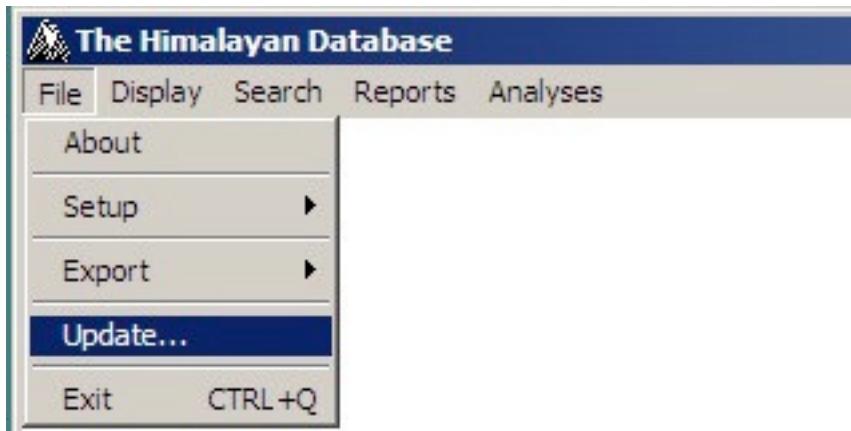
These updates add new records for expeditions after 2016 and for corrections and additions to records for previous expeditions.

First download the compressed update package from the website onto your hard drive and decompress by double-clicking on the update package. The result of the decompression is a folder with a name similar to “Himal Spring 2017 Updates” containing 14 update files:

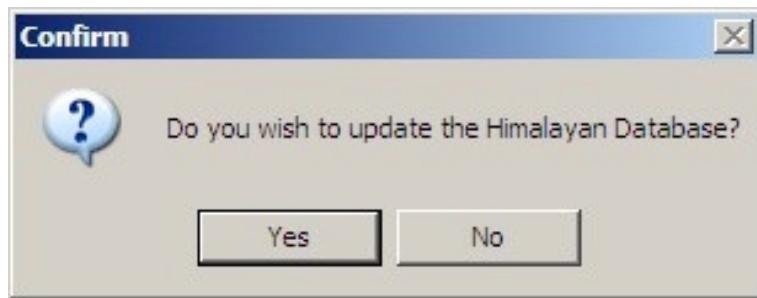
expchg.sdbf	refer.sdbf
expchg.fpt	refer.fpt
expchg.cdx	refer.cdx
explog.sdbf	peaks.sdbf
memchg.sdbf	peaks.fpt
memchg.fpt	peaks.cdx
memchg.cdx	
memlog.sdbf	

The files of the form “exp...” and “mem...” contain the changes to be applied to the EXPED and MEMBERS tables. The files of the form “refer...” and “peaks...” are replacement files for the current files in the Himdata folder.

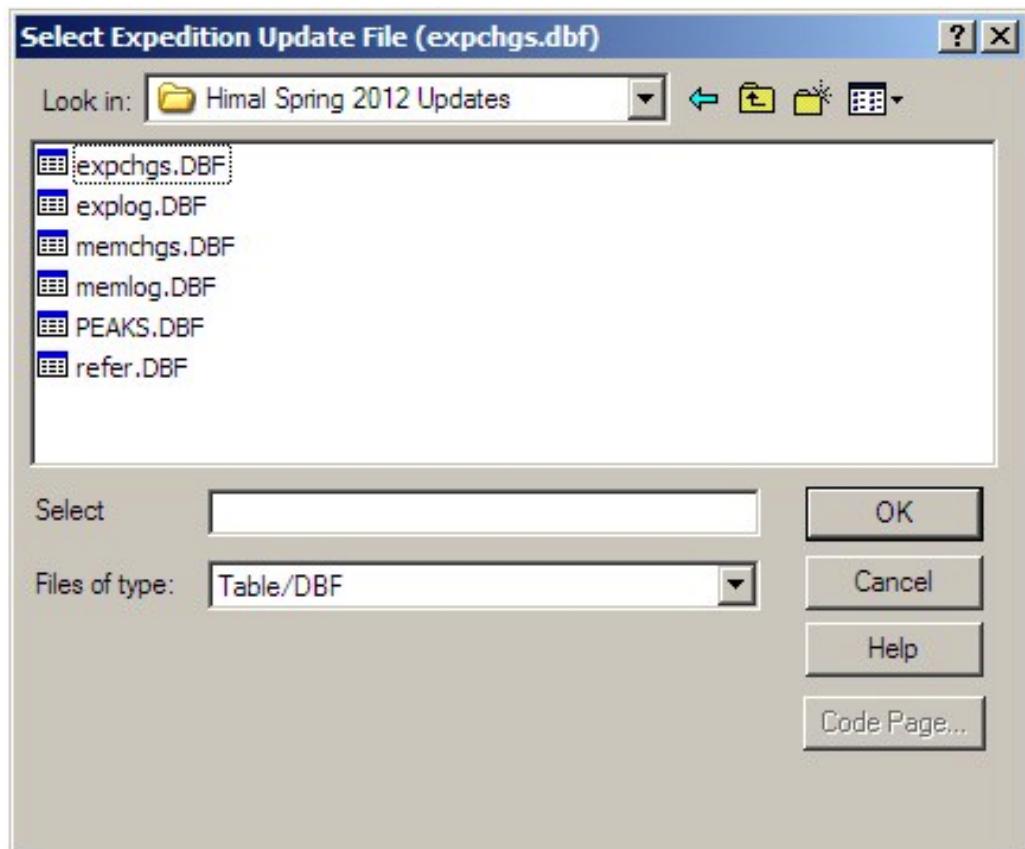
Start the Himal program and use the **Update** command in the **File** menu to apply the updates to the Himalayan Database.



Confirm that you wish to proceed with the update:



then, select the first file named “expchgs.dbf” and click the **OK** button in the Open dialog box.



All remaining update files are loaded automatically during the update process.

Confirmation messages are given that each of the four tables—expeditions, members, literature references, and peaks—has been updated.

Appendix F: Additional Resources & Data Collection

Additional resources to the Himalayan Database are available from the web site:

- (1) The “Elizabeth Hawley Seasonal Stories” file in PDF-format contains the seasonal mountaineering stories written by Elizabeth Hawley that were distributed to various mountaineering journals and climbing magazines that subscribed to her annual subscription list. These stories are in narrative format and provide the highlights for each of the major climbing seasons from 1985 onward.

Additional resources will be posted periodically on the Internet at

www.himalayandatabase.com

These will include updates to the Himalayan Database for future climbing seasons and corrections to existing data.

We welcome your comments, criticisms, and corrections to the data of the Himalayan Database. These may be submitted via the website.