#### THE

## ALPINE JOURNAL

A Record of Mountain Adventure and Scientific Observation

November 1964

### ROBERT LAWRIE, LTD.

Alpine and Polar Equipment Specialists

54 SEYMOUR STREET, MARBLE ARCH, LONDON, W.1

Telephone: Paddington 5252

Telegraphic Address & Cablegrams:

Alpinist, London, W.1

#### Business hours:

Mon., Tues., Wed. and Friday: 9 a.m.-5.30 p.m.

Late closing: Thursday, 9 a.m.-7 p.m. Early closing: Saturday, 9 a.m.-12 noon.

ALL CLIMBING CLOTHING AND EQUIPMENT

ASK FOR CATALOGUE



# The Mountain World, 1962-3

Edited by MALCOLM BARNES

The new volume in this series is an advance even on its highly praised predecessor. For the first time eight plates in full colour are included as well as fifty-six in the usual high quality black and white. The text includes a great variety of stories, including some of rather unusual interest: balloon flights over the Alps and cave exploration under them. Among the many others, there are accounts of the British expeditions to the Stauning Alps of Greenland, and the Russo-British expedition to the Pamirs which resulted in the death of Wifrid Noyce. 64 plates 36s

ALLEN & UNWIN

SALES GRAPH

CLIMBING HIGH!

Then Go

HIIGHER

By advertising in this Journal.

For details write to the

Advertisement Manager, 47 Gresham Street, London, E.C.2

or telephone MONarch 7644.

# The range of HORLICKS

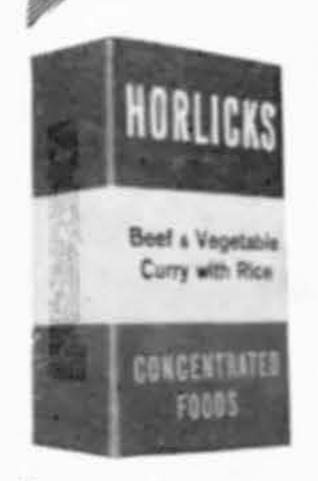
Concentrated

Foods

Horlicks concentrated meals are made for people in a hurry, for every situation where space and weight are at a premium. The man-sized meals are so simple to prepare—just add water, simmer and eat. Horlicks meals are really sustaining, light and compact, convenient for every outdoor activity.



It's made by HORLICKS—it must be good!



MEAL-SIZED PACKS Six tempting varieties, each weighing only 3½ oz., give nourishing one-man meals of generous proportions: 1. Vegetables with Beef Dinner. 2. Rice, Vegetables with Chicken Dinner. 3. Beef and Vegetable Curry with Rice. 4. Vegetable Curry with Rice. 4. Vegetable Curry with Rice. 5. Pasta, Chicken Dinner in Tomato Sauce. 6. Pasta, Pork Dinner in Savoury Sauce.

Only 3/- for a man-sized meal

HEAVY-DUTY PACKS Horlicks range of heavy-duty, concentrated food packs include a 2-day ration, 3 different concentrated food bars, chocolate and rum flavoured fudge and Enerzades (glucose tablets) all packed in fol. They will keep perfectly for up to 2 years and withstand almost any rough handling.



Please write for price lists and name of nearest stockist to:
SERVICES DEPT · HORLICKS LIMITED · SLOUGH · BUCKS

## THE RIGHT EQUIPMENT

Whether you intend climbing in Britain, the Alps or even the Himalaya, we can supply your requirements.

# FRANK DAVIES "THE CLIMBERS' SHOP" AMBLESIDE

WESTMORLAND

SPECIALISING in catering for the needs of the modern climber by providing the best British and Continental equipment at the most reasonable prices.

• • •

Suppliers of Equipment to:

Anglo-American Karakoram Expedition, 1960
Joint Services Himalayan Expedition, 1960
(Annapurna II)
Nuptse Himalayan Expedition, 1961
British Soviet Pamirs Expedition, 1962
Eigerwand, 1962

. .

PLEASE WRITE FOR OUR NEW CATALOGUE
"MODERN CLIMBING EQUIPMENT 1964"



#### SUMMIT CONFERENCE

"The way to enjoy the achievements of climbing to the full," said the Chairman, "is to leave nothing to chance. In the first place, we must have the best equipment. That means Viking as far as ropes are concerned. The range of Viking ropes covers every mountaineering requirement. They're made by the world's largest, most experienced producers of ropes—and rigorous testing at every stage of production guarantees the quality."

It was unanimously decided to equip with Viking.

(All climbing equipment used in the above photograph was supplied by Benjamin Edgington.)

Ask your climbing equipment supplier for full details of Viking ropes.

## VIKING MYLOR CLIMBING ROPES

Made by British Ropes Limited.



## Brown BEST rucksacks

This is the Brown Best Cresta rucksack. It is probably the finest you can buy. Clearly it cannot be the cheapest; but it is remarkably good value.

And if you're still working up to the Cresta class you'll find Brown Best rucksacks with the finest value in every price range. Post the coupon today for the name of your local stockist and the full illustrated catalogue. It's free!

BROWN BEST & Co Ltd, 102 Old Kent Road, London, S.E.1

## FOR IMPORTANT HOLIDAY ADVANTAGES JOIN THE AUSTRIAN ALPINE CLUB

You can get full information of the activities of the Austrian Alpine Club at 26 Old Bond Street, London W.1., MAYfair 9885. Members touring independently can have 15-day holidays including return fares, and hut accommodation, from 18 guineas. The Club also arranges Alpine walking and climbing tours for all grades and Rock and Ice training courses, led by professional guides. The Club owns over 600 huts in Austria, and members have reciprocal facilities with the French, Swiss, Italian and German Alpine clubs.





## THOMAS J. GASTON

BOOKSELLERS



## MOUNTAINEERING BOKS

and large selection of guide-books



13/14, BISHOP'S COURT, CHANCERY LANE, LONDON, W.C.2

(Phone: CHAncery 2787)

#### CLIMB EVERY MOUNTAIN!

with equipment and clothing from

## POCLE'S OF LEEDS

SUPPLIERS TO VARIOUS EXPEDITIONS

ANORAKS BALACLAVA'S COMPASSES CRAMPONS DUVETS

DESCENDEURS ICE AXES PITONS ETRIERS ROPES

RUC SACS SLEEPING BAGS STOCKINGS SOCKS TENTS Etc.

#### CLIMBING BOOTS READY MADE OR MADE TO MEASURE IN OUR OWN WORKSHOPS

STOCKISTS FOR: LA DOLOMITE: HAWKINS: LAWRIE:

For expert advice and service

CASSIN: NORDICA

CALL, PHONE OR WRITE TO H. W. POOLE

34-36 EASTGATE 2 WADE STREET

TEL. 24599 TEL. 29374

LEEDS 2



"I insist on COMMANDO 

## the Expert's choice!"

Years of testing have proved these soles and heels to be the world's best under the most difficult conditions. COMMANDO have helped in the success of:

ANTARCTIC EXPEDITION 1950 GREENLAND EXPEDITION 1951/2 MOUNT EVEREST EXPEDITION 1951 HIMALAYAN EXPEDITION 1952 TRANSANTARCTIC EXPEDITION 1956/7 ACROSS AMERICA WALK 1960 NUPTSE HIMALAYAN EXPEDITION 1961 GOUFFRE BERGER CAVE EXPEDITION, 1963



SEARCH For more than forty years FOR SAFETY I.T.S. Rubber Ltd. have continuously 'tested-todestruction' materials and designs to ensure maximum underfoot security. The results are ALL in the wonderful COMMANDO.

Be sure your climbing boots are fitted with genuine COMMANDOS. Insist on seeing the name.

 GUARANTEED FOR SIX MONTHS WEAR The world's best soles and heels

1.T.S. RUBBER LTD., PETERSFIELD, HANTS



# The Compass Name of World-Wide Fame

Type I5T Ranger, I5TD and I5TD-CL

Many outstanding compass experts appraise this model as the world's best hand compass.

Used as official army model in many countries.

Also approved and used by professional people such as foresters, geologists, surveyors and scientist explorers all over the world in the arctic regions, the mountain slopes of Himalaya.

Type IST with sighting mirror and sight. Measurements of plate  $4'' \times 2\frac{1}{2}''$ . Weight  $3\frac{1}{2}$  oz. 90 g. Marking of compass points and alternative graduations. N.E.S.W.  $360^{\circ}$ . Lone scales in 1/20'' and in mm. and cm.

Type ISTD: The same as Type IST but also equipped with a highly convenient and desirable offsetting mechanism to permanently allow for declination in any given area. A complete instruction manual with every compass.

Type ISTD-CL: The same as Type ISTD but with a clinometer in the compass housing making it possible to measure different angles of inclination.

Made by the World's foremost Compass manufacturer:

AB BRODERNA KJELLSTROM, Industrivagen 17, Stockholm 6

sole Distributors for Great Britain:

B. J. WARD LTD.

130 Westminster Bridge Road, London S.E. I

Telephone: WAT 6416



For a century, leading expeditions have relied on Benjamin Edgington equipment. We therefore have unrivalled experience in designing and manufacturing tents, sleeping bags and other items to meet conditions encountered anywhere in the globe. The wide extent of this experience is demonstrated in every page of our new catalogue, which we shall be pleased to send free on request.



(Silver & Edgington Ltd.)

144 SHAFTESBURY AVENUE LONDON W.C.2

COVent Garden 0541



to
H.M. The Queen
Tent and Flag
Makers

Established before 1795

## The Freezing Point of Beards



## NEW AND SECONDHAND BOOKS ON MOUNTAINEERING

IN ALL PARTS OF THE WORLD

\*

Books on this subject always required to purchase

\*

#### FRANCIS EDWARDS LTD.

83 Marylebone High Street, London, W.1

Tel.: WELbeck 9221

Established 100 years

## Four Against Everest WOODROW WILSON SAYRE

The amazing story of the 1962 assault on the North Face of Everest

One cold afternoon in February, 1962, a small party of Americans led by Woodrow Wilson Sayre gathered at the Boston airport, bade their families goodbye, boarded a jet to India, and set off on one of the most incredible adventures of our time. Their goal: the first American conquest of Mt. Everest; their resources, a mere £3,500 of their own money. Their intended route: over the Napalese border into Chinese Communist Tibet, to attack Everests' North Face, attempted eight times but never conquered. Without official backing, without permission to enter Tibet, without Sherpas or other porters, and, incredibly, without oxygen, the little Sayre party accomplished one of the most astounding feats in the history of mountaineering.

Available from all good bookshops at 30s. and published by

ARTHUR BARKER LTD., 20 NEW BOND ST., LONDON WI

100 YEARS HOTEL BEL-ALP

#### VALAIS BEL-ALP SWITZERLAND

AT THE GREAT ALETSCHGLACIER

7000 feet

The old English-Climbers home. Wonderfully situated, and commanding the finest views in Switzerland. Splendid centre for excursions and climbing. Partly renovated rooms with running hot-water. The most ideal place for restful holidays.

Pension from Fr. 22-24.

Aerial funicular

All incl Fr. 25–27.

A. Klingele and family



Write now, or call for your FREE copy of the "Good Companions" Catalogue.



#### THOMAS BLACK & SONS (GREENOCK) LTD.

to overcome a difficult assault. Only by using

equipment can you attain this peak of perfection.

our thoroughly tested and proven mountaineering

INDUSTRIAL ESTATE · PORT GLASGOW · SCOTLAND

THOMAS BLACK & SONS · 22-24 GRAYS INN ROAD W.C.1 GLASGOW -

THOMAS BLACK & SONS · 132 ST. VINCENT STREET C2
Manufacturers of Tents, Sleeping Bags.

Camping and Mountaineering Outfitters.

See for yourself at ...

#### London

CAMTORS, JACKSON & WARR, LTD. 33 Ludgate Hill, E.C.4.

Sheffield

JACKSON & WARR (Sheffield) LTD. 18 Corporation St., Sheffield 3. Birmingham

CITY CAMP & SPORTS LTD. 86-87 Broad Street.

#### Nottingham

NOTTINGHAM CAMP & SPORTS LTD. Shakespeare Street.

And leading stockists throughout the United Kingdom.





ski slacks for men and women



Telephone: 20924