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#### DISSERTATION ABSTRACTS

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#### Tuladhar, R.

Ph.D., Montanuniversität Leoben, 1986. 161 pp.

Title: Stratabound Sulfide Mineralization in Volcano-Sedimentary Greenschist and Amphibolite Facies Terrains: Bamangoan, Far-western Nepal and Abfaltersbach, Eastern Tyrol, Austria.

A comparative study has been made of two stratabound ore deposits which have, so far, not been investigated by modern methods. Both occur in Paleozoic volcano-sedimentary sequences which have been exposed to different grades of metamorphism. Bamangoan is situated in the Dandeldhura district in a remote part of far-western Nepal. The host rock sequence comprises over 500 m thick turbidites termed the "Melmura Graywacke;" metarhyolites are an important constituent of the sequence. At Bamangoan, a synsedimentary assemblage comprises pyrrhotite, chalcopyrite, pyrite, arsenopyrite, molybdenite, sphalerite, ilmenite/rutile and scheelite. A post-sedimentary assemblage contains the above sulphides with some textural and compositional modifications. The minor but widespread occurrence of molybdenite is noteworthy.

The generation and migration of metal-bearing hydrothermal fluids are ascribed to progressive burial pressure and induced mantle heat. Sulphides were deposited on the seafloor as fine disseminations, stringers and veinlets parallel to the bedding; these have been modified by younger Himalayan orogenic processes.

The Abfaltersbach deposit in Eastern Tyrol occurs within the "Gailtal Crystalline" of the Drau valley tectonic unit ("Drauzug") of the Eastern Alps. The ore environment comprises staurolite, garnet and occasionally kyanite-bearing schists, amphibolites, and metapyroclastites.

Microscopic evidence and the mineral chemistry of garnet, staurolite, biotite and amphibole suggest two metamorphic events.

The ore mineralogy is dominated by silver-bearing tetrahedrite, jamesonite, chalcopyrite and pyrite; there are minor chalcostibite, berthierite, bournomite and boulangerite. The results suggest that Abfaltersbach is a stratabound volcano-sedimentary deposit that has been affected by later metamorphism resulting in partial mobilization of stratabound ore into veins.

### Löwdin, Per Olou

Fil.dr, Uppsala Universitet, 1986. 176 pp.

Title: Food, Ritual and Society: A Study of Social Structure and Food Symbolism Among the Newars.

The study explores the relationships between food, ritual and social organization among the Newars of the Kathmandu Valley, Nepal. The unit of analysis is the significance of food: (i) in terms of significations and (ii) contextually, in the interaction among various social categories. The study concludes that food and the customs immediately connected to it express various social relationships: e.g., hierarchy according to caste and seniority, patrilineal cohesion and solidarity, kinship, and affiliation to the local cults. Through the prescribed participation in certain feasts the individual's social position and identity within his own group and in relation to other groups of a similar order are expressed. While certain persons are prescribed to attend, others are proscribed from participating. It is also established that certain foods have clearcut meanings in some contexts: signifying, for example, contraction of marriage, the gender of a newborn child, or a wish for purity.

Previously unpublished data from the Newar culture is presented, particularly with reference to the Jyapu and Uray castes. This data has been collected during 14 months of field work among the Newars.

### Abbott, Sharon E.

M.N.R.M. thesis, University of Manitoba, 1985. (Order copies from the Canadian Theses on Microfiche Service, National Library of Canada, Ottawa K1A ON4; available only in microfiche format, fiche no. 62386.)

Title: The Socio-Economic Impact of Tourism in the Khumbu Region of Nepal.

# Burns, M.C.

M.Phil. thesis, University of Exeter (England), 1984.

Title: The Ecology of Abies pindrow in the North-west Himalaya.

#### Joshi, M.R.

M.Sc. thesis, University of Oxford, 1985. (For copies write to the Keeper, Department of Western Manuscripts, The Bodleian Library, Oxford, England.)

Title: Prediction of Biomass in a Plantation Stand of Chir Pine (Pinus rosburghii Sarg) in Nepal.

# Lamichhaney, B.P.

M.Sc. thesis, University of Oxford, 1984.

Title: Variation of Alnus nepalensis in Nepal.

# Mingma Norbu

M.N.R.M. thesis, University of Manitoba (Winnipeg), 1985. (Order copies from the Canadian Theses on Microfiche Service, National Library of Canada, Ottawa K1A ON4; available only in microfiche format, fiche no. 64208.)

Title: Conservation for Survival: A Conservation Strategy for Resource Self-Sufficiency

in the Khumbu Region of Nepal.

# Roberts, N.C.E.

M.Phil. thesis, University of Reading (England), 1983.

Title: Programmes and Studies: An Examination of the Linked Influences of Practical Experience and Field Studies on the Evolving Design of a Rural Development

Programme in East Nepal.

Sen, A.L.

M.Litt. thesis, University of Oxford, 1984.

Title: Aspects of the Economic and Social Organisation of Tibetan Buddhist Monasteries.

### Sterner, Judith Anne

M.A. thesis, University of Calgary, 1985. 187 pp. (Order copies from the Canadian Theses on Microfiche Service, National Library of Canada, Ottawa K1A ON4; available only in microfiche format, fiche no. 21152.)

Title: High Altitude Adaptations: Physiology and Culture in the Andes and the Tibetan Plateau.