# MINORITIES OF SOUTHWEST CHINA 

Alain Y. Dessaint

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AN INTRODUCTION TO THE YI (LOLO) AND RELATED PEOPLES AND AN ANNOTATED BIBLIOGRAPHY

by<br>Alain Y. Dessaint

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> A. Y. D.

## Introduction

The aim of this work is to provide a review of the literature available on a number of Yi peoples, namely: the Yi (Lolo, Nosu), Lisu, Lahu, Akha, Woni (Hani), Lutzu, Achang, Tulung, Hpon, and Kadu. Although extremely important in the anthropology of South China and Southeast Asia, they have been neglected by scholars for a number of reasons:
(1) these peoples are remote and widely scattered;
(2) the literature is in many different languages, seldom read by a single scholar;
(3) the literature is widely scattered in what are often obscure journals or publications that are difficult to obtain;
(4) the literature is of uneven quality;
(5) the lack of bibliographic aids or syntheses discourages the neophyte.
It is to remedy the last of these shortcomings in Yi studies that this work has been undertaken. It provides a brief introduction to the Yi peoples and a bibliography, which is:
(1) multidisciplinary in scope and indexed by subject matter, so that scholars of any one discipline can quickly find relevant materials;
(2) multilinguistic in scope, including not only the most important European languages but also Chinese, Japanese, Thai, and the languages of the Yi peoples;
(3) annotated, so that a researcher can quickly determine the value of consulting or translating a particular entry;
(4) interpretive, in that it is preceded by an evaluative summary of the literature, it points out errors or hypotheses for further study, and it incorporates cross-references between entries.
The bibliography, therefore, is not merely a list of titles but a medium for an introduction to the field of Yi studies. The annotations evaluate and inventory the available literature.

Annotations attempt to abstract the entry, instead of simply giving a list of topics discussed. It should be noted that the length of an annotation bears no necessary correlation to the importance of the entry. In fact, the most complete, detailed works cannot adequately be summarized. No attempt has been made to standardize the transliteration of Asian languages or the names by which the ethnic groups are referred to; the annotations follow the usage of the author. Confusion as to the names used to refer to particular ethnic groups may be partly remedied by consulting the Index by Ethnic Group.

There are three indexes: the first, by Ethnic Group, also contains some of the alternate names by which these ethnic groups are known; the second, by Periodical, may be useful to the library researcher who wishes to consult all the articles appearing in one periodical at the same time or to recall an imperfectly remembered reference; the third, by Subject Matter, follows the categories devised by George P. Murdock et al. in Outline of Cultural Materials (4th rev. ed., New Haven, Human Relations Area Files, 1971).

The references in this bibliography have been accumulated over some ten years of interest in Yi studies. Almost every one of the
over 1,000 sources was personally checked and read. It would be impossible to provide a comprehensive list of all the sources and bibliographies that have been utilized during the course of this work. Many periodicals which publish articles about the anthropology, history, linguistics, sociology, and current affairs of minority peoples were consulted in English, French, German, Russian, Spanish, Portuguese, Chinese, Japanese, and Thai.

The following bibliographies, which are cited in this volume, were especially useful: Bernath 1964; Boon-Itt 196; Cramer 1970; Embree and Thomas 1950a, 1950b; Jacobs 1970; LeBar, Hickey, and Musgrave 1964; Liu 1940-41; Shafer 1957, 1963; Tribal Research Centre (Chiang Mai) 1967, 1973. Especially useful for works in Chinese is Takemura 1957-58.

In addition, several well-known reference works may be cited: Henri Cordier, Bibliotheca Sinica: Dictionnaire bibliographique des ouvrages relatifs à l'Empire Chinois (2d ed., 4 vols., Paris, E. Guilmoto, 1904-08), and Bibliotheca Indosinica: Dictionnaire bibliographique des ouvrages relatifs a la peninsule Indochinoise (4 vols. and index, Paris, École Française d'Extrême-Orient, 191215); the annual Bibliography of Asian Studies, published by the Association for Asian studies (prior to 1957 it was entitled Far Eastern Bibliography) ; Leonard H. D. Gordon and Frank J. Shulman, eds., Doctoral dissertations on China, A bibliography of studies in Western languages, 1945-1970 (Seattle and London, University of Washington Press, 1972); Pierre Bernard Lafont, Bibliographie du Laos (Paris, École Française d'Extrême-Orient, Publication L); Jane Godfrey Keyes, A bibliography of Western-language publications concerning North Vietnam in the Cornell University Library (Ithaca, Southeast Asia

Program Data Paper 63, 1966); Frank N. Trager, ed., Japanese and Chinese language sources on Burma: An annotated bibliography (New Haven, HRAF Press, 1957); Frank N. Trager, Burma: A selected and annotated bibliography (New Haven, HRAF Press, 1973); Books and articles on oriental subjects published in Japan (Tokyo, Toho Gakkai [The Institute of Eastern Culture], published annually); James Irikura, Southeast Asia: A selected annotated bibliography of Japanese publications (New Haven, Southeast Asian Studies, Yale University, in association with HRAF Press, 1956); Kenjiro Ichikawa, Southeast Asia viewed from Japan: A bibliography of Japanese works on Southeast Asian societies, 1940-1963 (Ithaca, Southeast Asia Program Data Paper 56, 1965); Ruth Thomas McVey, Bibliography of Soviet publications on Southeast Asia: As listed in the Library of Congress monthly index of Russian acquisitions (Ithaca, Southeast Asia Program Data Paper 34, 1959).

## Minorities in China

Although China's non-Chinese peoples (or, as the Chinese refer to them, "national minorities") comprise only about 6 percent of her total population, they are of considerable importance. First, they are spread over almost half of China's land area, including strategically important border regions. Second, they have contributed an important physical and cultural element to the present Han population, as they have historically become assimilated into Chinese civilization. Third, many of the minorities live both within and outside of China's borders. The relations between Han and non-Han is thus one aspect of China's attitudes toward her sovereign neighbors. (Since 1949, for example, national minority autonomous areas have served as models for China's neighbors, and are an important factor in China's appeal in East Asia.) Lastly, 6 percent of 800 million is 48 million, not an inconsiderable number of people.

China's national minorities may be classified in a number of ways, so that when someone states that there are 5 or 50 or 500 minorities, this is not very enlightening. The flag of China (both the old Republican five-bar flag and the present five-star flag) is said to symbolize the five major ethnic groups in its stars: Han Chinese, Manchu, Mongol, Muslim, and Tibetan. A more accurate grouping of linguistic, cultural, and racial differences would include:
(1) the Altaic group, including Turkic (Kazhak, Kirghiz, and Uighur), Tungu, Mongol, and Korean, strung out along the northern borders (the Indo-European Tadzhik might also be
included here);
(2) the Tibetans, who occupy China's southwestern quadrant;
(3) the Muslims, or Hui, who resemble the Han in most ways except in their religion, which has sufficed to keep them a separate group, often in conflict with their Han neighbors (the Hui are scattered throughout China);
(4) the Southern Group, mostly Sino-Tibetan speakers and a few Mon-Khmer, who originally occupied much of the southeastern quadrant, but who have now been assimilated, destroyed, or displaced (mostly vertically into the mountain regions).
Included in this last group are the Chuang and other Tai-speaking peoples, the Miao (Meo) and Yao (Man), and the Tibeto-Burmans. The Tibeto-Burman language family extends from the western Himalayas to southeastern China. In this work, we shall be concerned with what may be called the eastern upland Tibeto-Burmans: highlanders of Yunnan, Szechwan, and Kweichow, as well as neighboring North Vietnam, Laos, Thailand, Burma, and India. The largest of these groups, and the fourth largest minority in China, is the Yi (or Lolo), and we shall also consider the Lisu, Lahu, Akha, Woni (Hani), Lutzu, Achang, Tulung, Hpon, and Kadu.

Population statistics are notoriously unreliable for these highlanders, who live away from administrative centers and who constitute little-known minorities in states dominated by lowland peoples. In Burma, for example, no attempt has been made to count them for almost half a century. Our best estimates are given in Table 1.

One of the most frustrating factors in studying the Yi peoples is the multitude of names applied to the various ethnic groups: names differ according to the user, the time, the area; the same name may by applied to several quite different groups. Table 2 presents
some of the names by which the groups are known; reference should also be made to the Index by Ethnic Group.

Many of the names used in pre-Communist China to refer to minorities had derogatory meanings, such as "tzu" ("egg, child"), "barbarians," or "dog." Thus terms such as Lolo or Lohei are no longer used. The etymology of such terms has been the subject of much discussion, but remains unclear (Feng and Shryock 1938: 103-05). "Lolo" has been said to mean: the basket that contains the spirit of the deceased (Clarke 1911); someone who does not speak the proper language (Reclus 1902); a derivative of "La," an ancient prefix meaning people (Bonifacy 1906a); a derivative of "lou" meaning ravish or take prisoner (Vissière 1914); a pejorative (Baber 1882); or a term with no meaning (Vial 1890a). This by no means exhausts the list of suggestions, but even after considering these, one is inclined to agree with Liétard (1913: 26), who asks what terms such as "Lolo" and "Lisu" mean, and answers himself: "Bien malin qui me le dira!" The Lolo were also called Man-tse (barbarians or southerners) and I or Yi (remote or foreigner), alone or in various combinations (I-chia, I-jen, I-pien). Some Lolo used that term to designate themselves and used "Lisu" as a prejorative (good-fornothing) as do the Chinese (Liétard 1913). But most Lolo seem to prefer Nosu (there are various spellings), from "no" (black) and "su" (people). In Lolo, the adjective usually follows the noun (unlike Chinese), therefore it has been suggested that even this self-designation is the translation of a Chinese term (Yang 1935). The present Chinese designation is $Y i$, a term which the $Y i$ are increasingly using for themselves, and the one that we will use here.

The Yi are divided into two castes: aristocratic landowners, called Black Yi or Black Bones (Hei-I, Hei Ku T'ou), and serfs, called

Table 1. Population of the Yi Peoples (in Thousands)

|  | China | Vietnam | Laos | Thailand | Burma | India | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\underline{\mathrm{Yi}}$ | 3,254.3 | 29 | 5 |  | 0.8 |  | 3,284.1 |
| Woni | 553 | 5.3 |  |  |  |  | 558.3 |
| Lisu | 317.5 |  | (a) | 11 | 40 | 0.2 | 368.7 |
| Lahu | 183.1 |  | 2 | 16.4 | 66 |  | 267.5 |
| Akha |  |  | 4.5 | 9.9 | 40 |  | 54.4 |
| Kadu |  |  |  |  | 40 |  | 40 |
| Achang | 18 |  |  |  |  |  | 18 |
| Lutzu | 14 |  |  |  |  |  | 14 |
| Tulung | 3 |  |  |  |  |  | 3 |
| Hpon |  |  |  |  | 1 |  | 1 |
| Total | 4,342.9 | 34.3 | 6.5 | 37.3 | 187.8 | 0.2 | 4,608.2 |

Sources: China--1953 census; Vietnam--1960 census; Laos--LeBar et al. 1964, Leroi-Gourhan and Poirier 1953; Thailand--Dessaint 1972b, Tribal Data Project 1971-72; Burma--Dessaint 1972b, Grierson 1903-28, 1931 census; India--Dessaint 1972b. The Kutsung are included with the Woni. The Nakhi (Moso), Minchia, and Kachin are not included. (a) Teston and Percheron (1932) mention a few families of Lisu in Laos.

White Yi or White Bones ( $\mathrm{Pe}-\mathrm{I}$, Pei Ku T'ou). Since they are widely scattered, various local groups are known by distinct names (Liétard 1913, Eberhard 1942, Gaide 1903).

The confusion that exists for the Yi names also exists for the other ethnic groups. The Woni are now called Hani by the Chinese, but are known as Akha in Thailand, Burma, and Laos. They also have named subgroups, seven or nine, according to some sources (Telford 1937, Scott and Hardiman 1900, Gaide 1903, Henry 1903). Walker (1970b) has collected the names of twenty-three Lahu subgroups.
Woni, Houni
Ha-Nhi, Uni,
Houo-ni,
Ho-Nhi, Ouo-ni
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Woni, Houni
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Khanung,
Nung

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Muhso,
Mussuh
Mussur
Des
Ethnic Group
Lisu
Lisu,
Lusu
Anung,
Lashi
Khae
Lisaw
Lisu
Che-nung
Lisu
Lip'o

## Table 2. Yi, Lolo, Nosu

Mia
Hac Lala,
Man Khoanh,
K'an-t'eou $^{\text {Lolo }}$
Nosu, Mosu,
No, Ngosu,
'nsṭon 'nson

Mung $\mathrm{Za}, \mathrm{Manzi}$
English name
Nakhi name
Nung name
Thai name
Tho name
Tulung name
Shan name
$\frac{\text { Vietnamese }}{\text { name }}$
Yao name
Yi name

## Linguistics

Most linguists would recognize all the ethnic groups with which we are dealing as belonging to a Lolo subgroup of the Burman-Lolo group of Tibeto-Burman. Early travelers and linguists have recognized the close relationships of Lolo, Lisu, Lahu, and Woni (including Akha) (Orléans 1898, Monbeig in Madrolle 1908 and Liétard 1909b, Davies 1909, Rose and Brown 1911, Fraser 1922, Goré 1939). Terrien de Lacouperie (1894a) also noted the close relationship of Lisu to Mosso (Nakhi) and Lutzu. Anderson (1876) and Colquhoun (1883) pointed out the similarity of Lisu and Burmese. Eales (cited in Rose and Brown 1911), George (1915), and Fraser (1922) noted the closeness of Lisu to Atsi Kachin.

Pater Wilhelm Schmidt, in Die Sprachfamilien und Sprachenkriese der Erde (Heidelberg, Carl Winter, 1926), recognized Aka, Lisu, and Lahu as forming a single subgroup within the Burmese group of ArakanBurmese, itself part of Tibeto-Burman. However, he classed Lolo with Mosso (Nakhi) in a separate Sino-Tai family. Other linguists have not accepted this division: Sir George Grierson (1903-28), working with Sten Konow, recognized a Lolo-Moso group of Assam-Burmese; Benedict (1972) recognized a Lolo-Burmese group (see Figure 1); Chao Y.-r. (1943) and Tung T'ung-ho (1953) recognized a Lolo-Moso group (see Figure 2) ; and Shafer (1955) recognized a Lolo branch of his Burmish section of the Burmic division of Sino-Tibetan (see Figure 3).


Figure 2. Chao's (1943) and Tung's (1953) Classification

Hpon (Phun), Achang, and Kadu are linguistically closer to Kachin; Shafer (1955) classifies the first two with Maru and Atsi (see Figure 3), and Leach (1954) notes the similarity between Kadu and Jinghpaw. No adequate studies exist of Achang, Hpon, Kadu, Lutzu, or Tulung languages. Good descriptive studies exist of the major Lolo languages, however:

| Yi: | A-si (A-hi) of Yunnan | Yúan 1953; Liétard 1909a, 1911-12 |
| :--- | :--- | :--- |
|  | I of Szechwan | Fu 1944a, 1944b |
|  | Lo-I of Szechwan | Lo 1950 |
|  | Lí Ch'üan | Ma 1948a |
|  | Nasu | Kao 1958 |
|  | Sani (Gni) of Yunnan | Ma 1951; Vial 1890a, 1898, 1909 |
| Lisu: | Lisu of Yunnan | Ruey 1948a; Zui et al. 1959 |
|  | Lisu of Burma | Fraser 1922 |
|  | Lisu of Thailand | Hope 1968, 1972; Nishida 1967a, |
|  |  | $1968 a ;$ Roop 1970 |



Figure 3. Shafer's (1955) Classification

## History

The Yi and related peoples are mentioned in the oldest Chinese records, usually in connection with banditry, rebellion, and Chinese suppression. Because of the confusion over the names given to these ethnic groups, it is not always possible to be certain which group is being referred to. However, the Yi seem to be mentioned in $\mathrm{Se}-\mathrm{Ma}$ Cen's Biographie des étrangers du sud-ouest, the Three Hymns Celebrating the Virtue of Han (ca. first century A.D.), the Yuan Annals, and Fan Chuo's Man Shu ('Book of the Southern Barbarians," ca. 685 A.D.). The first known ruler of the Yi was Zhuang Kao, probably a Chinese who "became" a Yi, ca. 223 B.C. Li (in Siguret 1937: 153) cites a history of Yunnan according to which the Lisu lived in Yunnan prior to the coming of Zhuang Kao during the Chou dynasty. In 594 A.D., another ruler of Chinese origin, Cuan Wan-si, who had declared independence of an area in the Szechwan-Kweichow-Yunnan border area, was attacked by Chinese forces. In 712, the Yi of Yao zhou were involved in a revolt. By 738, eastern Yunnan is said to have been primarily a Yi area, but under Chinese governors. The Yi have probably inhabited Liang Shan since the early years of our era, and certainly since the tenth century. It has served as a region of refuge from Chinese "pacification" on several occasions: for example after 1730, when a Yi chief "Yang" was captured in Yunnan, numerous "raw" Yi (independent Yi) escaped there (Hsú 1944). The area east of Huang Mao is called Xiao Liang Shan, "Lesser Cool Mountains,"
and the area to the west is called Da Liang Shan, "Greater Cool Mountains." (Until 1955, Da Liang Shan was part of Sikang Province; both Xiao and Da Liang Shan are now in Szechwan.) Between 1796 and 1821, the Chinese extended their influence into Xiao Liang Shan. At times when the Chinese were weak, the Yi expanded out of Da Liang Shan: for example in 1802, 1814, 1838-39, and from 1875 to 1892. By 1907, the Yi controlled most of Xiao Liang Shan, with Chinese fortified in the towns. During the troubled times of the early Republic, the number of Chinese troops was reduced in the area, and the Yi consequently became more troublesome: in 1919, the Lolo invaded Zhaojue, in 1920 they burned Xining, and in 1937 they killed the magistrate of Leibo. During the late 1930s and early 1940s, the Sikang Border Pacification Army (which included both Chinese and Yi regiments) built roads and suppressed Yi rebellions; its Chinese soldiers were encouraged to marry White Yi (Zeng 1947, Sun 1942, China at War 1941). Some Black Yi were even recruited for the Central Military Academy at Chengdu. Even so, most of the Chinese population had fled: Sun (1942) estimates that there were one-and-a-half million Han in the Anning River Valley two centuries ago, but only half that number by 1942. Even the largest towns, such as Sichang, kept their gates closed at night. When Lín (1947) was in Leibo in 1943, bands of Yi plunderers would swoop down upon a Han house, kidnap its inhabitants, and burn what was left--this happened nightly. (See Feng and Shryock 1938, Rock 1947, Táo 1948, and Yang 1935, 1936b.)

Prior to 1949, the Yi people were regarded by the Chinese as lesser branches of the Han to be assimilated or as barbarians to be pacified (China at War 1941, Sun 1942). These attitudes were reflected in the derogatory names given to them.

Two historical trends may be found among the Yi proper: co-
existence between White Yi and Han Chinese, and constant warfare between Black Yi and Han. In fact, the Black Yi kidnapped great numbers of Han Chinese for ransom or for slavery. Lín (1947) reports that in 1940, 200 Han of a "reclamation" village in Leibo were abducted and enslaved. He also tells the story of a Han kidnapped when he was seven years old and ransomed twenty years later (Lín 1947: 109-10). Zeng (1947) disagrees that large numbers of Chinese were enslaved, considering these stories exaggerated, and thinks that Black and White Yi were originally two different cultures. Most observers (e.g. Winnington 1959, Hsú 1944), however, state that these Han slaves ('Han Wa Tse") or their children would eventually become White Yi. The assimilation process included both physical and cultural coercion: for example chaining them at night, prohibiting them to speak Chinese, and finding them spouses.

Yi social structure consisted of two endogamous castes in Da Liang Shan (in other areas, which were more sinicized, the structure was different): Black Yi aristocratic landowners and White Yi tenants, serfs, and slaves. Winnington (1959) provides an estimate of the composition of the population of the Norsu (Yi) of Da Liang Shan, the major concentration of Independent Yi (in southwestern Szechwan):

| Black Yi | $10+$ slaves | $2.5 \%$ |
| :--- | :--- | ---: |
| White Yi commoners | 1 to 9 slaves | 2.5 |
|  | $10+$ slaves | 3.0 |
|  | no slaves | 25.0 |
|  | separate slaves | 33.0 |
|  | house slaves and |  |
|  | slaves of slaves | 14.0 |

Winnington may have underestimated the percentage of Black Yi, since Lín (1947) claims they comprise 10 to 20 percent of the population, Zeng (1947) cites one estimate of 20 percent, Fei and Lín (1956) claim that they make up 15 percent of the population, and Ko (1949) estimates 23,850 Black Yi (about 9 percent), 45,000 slaves, and 190,200 White Yi commoners. Hsú (1944) provides the following estimates for an area near Leibo in Xiao Liang Shan: Black Yi 1.67 percent, White Yi commoners 89 percent, White Yi slaves 9.33 percent. Liang Shan Autonomous Zhou, which today includes both Da and Xiao Liang Shan, now has an estimated Yi population of 700,000 .

Within each caste, considerable mobility was possible. In addition to the intake of Han captives as slaves, White Yi could also become slaves if they were taken captive in war, if they were heavily in debt, or if there was some advantage (access to land, for example) to be gained. On the other hand, a slave could buy his or her freedom. Slaves usually began as house slaves (domestic servants). When a son of the master married, he was given some male slaves as part of his inheritance; when a daughter of the master married, she received some female slaves. These slaves would then be paired off with the slaves of the other marriage partner, and they would set up house as separate slaves, working land or tending livestock for their new masters. When these separate slaves had children, the children would be sent to the master's house as house slaves. (This system is an interesting contrast to that which existed in the antebellum American South, where domestic slaves had a higher status than field slaves.)

The Black Yi of Da Liang Shan owned an estimated 80 percent of the agricultural land (Winnington 1959). They were owed certain feudal rights and respectful behavior, which served to emphasize their superior status. White Yi commoners were either serfs who worked their
lord's land or freemen who leased or owned their own land. Most Black Yi did no agricultural work at all, but hunted, carried out raids and feuds, and looked after their houses. This has led some writers (e.g. Lín 1947) to suggest that they may have originally been a pastoral people. The shamans--even those who could read and write Yi characters--the blacksmiths, and the carpenters were all White Yi. White Yi contributed several days' labor to their lords and also provided contributions and services in times of war, births, marriages, and funerals. These were not inconsiderable, since a Yi bride-price is said to have been 300 or 500 tael for a Black Yi, 600 to 1,000 for a Black Yi chief, and 100 to 300 for a White Yi (Hsu 1944, Ko 1949); or 500 to 800 ounces of silver for a Black Yi, and 100 to 200 for a White Yi (Lín 1947); or a race horse (which might be valued at several hundred tael of silver), ten ingots of silver, ten cattle, and a hundred sheep, plus various gifts to middlemen and to the bride and her parents (Winnington 1959). This bride-price was largely made up of contributions from the master's serfs and slaves.

Outside Da Liang Shan, the power of the Black Yi was not as great, and some White Yi were actually wealthier and more influential than Black aristocrats (Hsú 1944). In Weican, Yunnan Province, Han Chinese absentee landlords held feudal rights over Yi tenants, although these were considerably curtailed after a series of rebellions between 1847 and 1872 (Fei 1951-52; Li, Fei, and Chang 1943). In southwestern Lancang, in the same province, the Lahu were under Tai headmen, and a "primitive class system" prevailed (Chen 1964).

In addition to the contact between $Y i$ and Han resulting from raids, kidnappings, banditry, rebellion, and suppression, there was also some contact between the Yi and Han traders, who sought wax insects, coffin planks, hides, herbs, and other local products.

To travel in Da Liang Shan, an outsider had to buy or otherwise retain the protection of a Black Yi; since the area suffered from endemic feuds between the various local groups and families, this personal protection was only good in some parts of the area. In Da Liang Shan, Han Chinese migrant laborers were employed to tap opium poppies (Hsú 1944, Lín 1947), but the cultivation of opium poppies as a cash crop probably did not begin until the nineteenth century (and ended in the early 1950s).

The Han also appointed $Y i$ and other minority individuals as "tussu" ("headmen or officals") and "tumu" ("officers"), but this system seems seldom to have worked well: some officials were sinicized and lost contact with the people they were supposed to administer; others had no real power (Fang 1945b). The system began in some areas as early as the Han dynasty, but many officals were sacked during the Ming, and those reinstated during the Ch'ing were without real power. (The system among the Hani is discussed by Súo 1962.) The Han were therefore forced to resort to fortifications, militias, the holding of hostages in towns, and forbidding Yi to spend the night in towns (Clarke 1911, Lín 1947, Zeng 1947, Wang 1951, Winnington 1959). These measures only further added to the mutual distrust and dislike.

The first contact between the Yi and the Communist Chinese was during the Long March in 1935 (Wilson 1971, Winnington 1959). The Red Army was apparently greeted with the usual antagonism displayed toward any Chinese soldiers, but some Yi were won over, especially through a Communist officer of Yi origin (Rén-mín rìbào 1972a). After the Liberation, People's Liberation Army units and Communist Party cadres arrived to administer the Yi areas (some Yi helped to finish off Kuomintang army units in Da Liang Shan). Small teams of two to five cadres (officials), some trained in the Yi
language at the Central Academy for National Minorities, began to create the desire for change in the traditional social structure, now so much at odds with China's new ideology (Jì 1958, China Reconstructs 1953, Fei 1952, Rén-mín rìbao 1962). It was also deemed necessary to alter the social structure for economic reasons: traditional social structure offered little motivation to increase production, since all the work was done by one group (serfs and slaves), but almost everything that was produced went to a much smaller group (Black Yi lords).

Through propaganda and discussion meetings, the abolition of slavery, land reform, and the cancellation of debts was decreed in 1956 (Chang 1959, J̀ 1958, New China News Agency (NCNA), Kunming 1956c, 1959b, NCNA, Peking 1958b, Pu 1958, Tie 1959, Winnington 1959). Black Yi former aristocrats caused some problems by slaughtering their cattle, spreading false rumors about Han intentions, or taking to guerrilla tactics. In fact, Fei (1951-52: 57) claims that most of the "Tu-Mu" (Yi headmen) became bandits (cf. Pu 1958, Winnington 1959). But most of the problems resulting from the abolition of slavery seem to have involved helping the exslaves think and plan for themselves: for example they would eat all the relief supplies provided them by the Han, and then refrain from work in the hope of getting more. Some of the problems weresolved by grouping exslaves in cooperative units of various sizes from ten households up (NCNA, Chaochueh 1956b, NCNA, Chengtu 1965c, Winnington 1959).

The change from a slave society to a socialist society is certainly one of the most intriguing aspects of Yi studies: if the changes reported in the Chinese press are true, they would represent social changes of even greater magnitude than those undergone.
by the Han themselves in the past three decades. The same changes have occurred on a lesser scale among the Hani (NCNA, Kunming 1959b),

Lahu (Huang 1958a), Lisu (Zhang 1958; Huang 1958a, 1965; Ma 1958), and Nu (Huang 1959a).

In agriculture, which remains the basis of the economy, opium is no longer grown (Chang 1952, Winnington 1959), but Yi minorities are said to produce a surplus of grain crops (Chang 1959, Ji 1958, China Reconstructs 1953, Gūang-míng rìi-bà 1959, NCNA, Chengtu 1958a, 1959b, 1965e, 1965g, 1966; NCNA, Kunming 1958c, 1964b; Tian 1959, Wang, W., 1959; Lisu-Zhang 1964, Huang 1959b, Güang-míng rìbao 1971, NCNA, Kunming 1958b, 1958g, 1958h, 1964f, 1964h; NCNA, Peking 1958a; LahuNCNA, Kunming 1959d). This was accomplished by a wide variety of innovations: new tools (many locaıly made), manuring (both animal and human), doublecropping, irrigation, and terracing (NCNA, Chengtu 1963c, 1965d; NCNA, Kunming 1960b; Wang, H., 1959; Yi and Hani--Huang 1958b; Lisu--Zhang 1958, Zhang 1964, Hsu 1965, NCNA, Kunming 1955b, 1964c; Rén-mín '̀ìbao 1959a, Yang, T., 1955, Huang 1958a; Lahu--Huang 1958a; NCNA, Kunming 1963a, 1963b; Gūang-míng rì bào 1957). Perhaps of greater importance than these technical innovations have been the social innovations: the agricultural population was organized into mutual aid teams, cooperatives, and, later, communes. By 1959, about 87 percent of the Yi in Liang Shan were in cooperatives (NCNA, Chengtu 1959a, 1964a, 1965e, 1965g; NCNA, Peking 1959b; Wang, W., 1959). By 1958, about 86 percent of the Lisu and other minorities living in Nujiang Autonomous Zhou were in cooperatives (NCNA, Kunming 1958a, 1958g, 1964h; Zhang 1958, Chang 1959, Yang, T., 1955; Lisu and Nu--Huang 1959a). As in other parts of China, the very rapidity of cooperative and commune formation (the bulk of the population was brought into these organizations within a matter of weeks) raises some question as to the deepness of the changes. Yet there is no question that today's commune organization is continuing to change away from traditional norms (Ji-niu-bu 1971; Güang-míng rìbà 1972b; Yaoshan

Commune Party Committee 1972; Lisu--NCNA, Kunming 1969b, 1970b, 1972d).

Communization has gone hand in hand with diversification of the economies to include a greater variety of crops (some minorities did not plant rice before 1950) and livestock, lumbering, paper-making, metallurgy, tool-making, electricity, vehicle repair and operation (Ji-niu-bu 1971; NCNA, Chengtu 1958b, 1965b; NCNA, Kunming 1965b, 1971; NCNA, Peking 1959b, 1972; Rén-mín rìbào 1959b; Wang W., 1959; Yi and Hani--NCNA Kunming, 1970a, 1972b; Lisu--Zhang 1958; Chang 1959; Zhang 1964; Huang 1959b; NCNA, Kunming 1958f, 1964d; Dong and Xue 1959).

In modernization, self-sufficiency, socialism, and other ways, the Yi now "learn from Dazhai" (Rén-mín rì-bào 1972a; Gūang-míng ri-bao 1972a). "In the past we only knew that by getting nearer to the stove we could warm ourselves. Now we know that the Communist Party is warmer than the stove" (NCNA, Kunming 1957, 16 Aug.). In the Nujiang Lisu Autonomous Zhou, once known as "poor hills, bad waters," the Lisu now sing:

Everyone can eat his fill without paying,
Our forefathers never heard of such a thing.
Is it a dream?
No, it is the truth.
Where is it?
Right here in our commune.
The east is red,
Long live Chairman Mao! (NCNA, Kunming 1958e)
Schools were established, so that the majority of the population now has some literacy in Chinese, and some minority individuals have gone on to technical schools and colleges (Chang 1952, Chang 1959,

Jì 1958, NCNA, Chengtu 1956a, 1963a, 1971; NCNA, Kunming 1958d; Yi and Lisu--NCNA Kunming 1972a, Wang, L., 1959; Lisu--Chou 1963; Gūangmíng rìbào 1973b; NCNA, Kunming 1955c; Rén-mín rìbà 1963; Dóng and Xúe 1959; Lahu-Gao 1960). There are now Yi and other minority newspapers and publications (Gjessing 1957; NCNA, Kunming 1960a, 1961, Tsung 1954, Yang, G., 1955a, 1955b; Lisu--NCNA, Kunming 1973).

Medical centers were established and doctors trained (Chang 1952, Chnag 1959, NCNA, Chengtu 1965f; Yi, Lisu, Tulung, and Nu-NCNA, Kunming 1972e; Lisu-Chou 1963, China Pictorial 1963, NCNA, Kunming 1969a; Dǒng and Xúe 1959; Lahu-Yang 1963a), leading to population increase (Güang-míng rí-bào 1973c, NCNA, Kweiyang 1959; Lahu-Chen 1964) and new towns (Rén-mín rì-bào 1959c; Lahu--Gūang-míng rìi-bào 1957, NCNA, Kunming 1963b; Yang 1963a, 1963b). Cooperative banks and trading organizations were opened (NCNA, Chengtu 1963b; NCNA, Kweiyang 1973; Lisu--Chou 1963, NCNA, Kunming 1964g; Lahu--Yang 1963b). Transport and communications were greatly improved (Chang 1952, NCNA, Chengtu 1959d; Lisu--NCNA, Kunming 1955a, 1964a, 1964g; Hani--Jiang 1958).

Yi and other minority members have become responsible cadres (officials) and Communist Party members (Ji-niu-bu 1971, Rén-mín rìbào 1972a, Wa-cha-mu-chi and Wang 1959; Yi, Hani, and Lisu--Wang 1956; Yi, Hani, and Nakhi--Yúnnán rìbào 1956a; Yi, Lahu, Hani, Pulang, and Kutsung--Rén-mín rìi-bào 1973; Yi, Lisu, Nu, Tulung, Nakhi and Pumi-Lichiang Regional 1973; Lisu--Gūang-ming rì-bào 1971), Youth League members (Hani and Lahu--zhōng-gúo Qīng-nían-bào 1956a), and soldiers in the People's Liberation Army, which also has separate minority regiments (China Reconstructs 1973).

Amicable interminority relations have also increased, with various minorities sharing autonomous administrative regions and communes, working together, and joining in each other's celebrations (Güang-ming
rìbào 1972a, Hsin 1973, Huang 1965, NCNA, Kunming 1956a, 1958e, 1959e, 1964e, 1972c, 1972d; NCNA, Peking 1959c, 1972; Rén-mín rìi-bào 1959b). Han-Yi relations since 1949 have reflected national political directions: during times of radical change, such as the period of socialist transformation and the Great Leap Forward (1956-62), as well as the Great Proletarian Cultural Revolution (1966-69), the emphasis has been on rapid movement toward socialism and criticism of "local nationalism." The Communists have attempted to make these periods as shattering to the minorities' social structures as it was to the Han's, as this statement by Zhnag (1958: 34) concerning the Lisu makes clear:

The Great Leap Forward has not proceeded smoothly at all times. Apart from the struggle of the two lines mentioned above, there was the acute struggle of the two roads, which was manifested principally in the struggle against counterrevolutionaries both in the country and abroad, the landlords, rich peasants, rightists, and nationalists. In the past, it was thought by some that since class distinctions among the Lisu were not quite clearcut, since the landlord class had not yet been formed, and since a rich peasant economy was not yet developed in certain areas, class struggle would not be acute. The opposite, however, was true. It is true that class distinctions have never been quite clear, but that does not mean that classes do not exist. Moreover, the class struggle is still quite complicated and acute. We have dealt resolute blows to a group of reactionary landlords, rich peasants and counterrevolutionaries. Meanwhile, class education has been carried out in the rural areas. The masses were urged to make recollections and comparisons between the past and the present, to air their grievances and trace their origins, and to expose the crimes of the reactionary upper strata and headmen of the nationality, so as to increase the ideological consciousness of the masses.

Traditional customs were criticized as wasteful superstitions:
"There is blasting day and night, and after sunset there are thousands of torches. The spirits are frightened away, and there are no more gods" (Zhang 1958; cf. Yi and Hani--Huang 1958b; Hani--Li 1958; Lisu-Ma 1958). The habit of buying off the old aristocrats ("upper-circle personages") by giving them official positions and allowances was reversed: old aristocrats were "reeducated," and class origin was emphasized in appointing new officials and Party members (Ji-niu-bu 1971, Gûang-míng rìbào 1972a, 1972b; NCNA, Kunming 1956b, Rén-mín ri-bào 1972a, 1972b; Wen 1970). During the Cultural Revolution, Mao thought-study classes were initiated, and the Yi were able to quote Mao as well as the Han (Investigation Group 1971, Rén-mín rìi-bào 1972a; Lisu--China Reconstructs, 1969, NCNA, Kunming 1968, 1969b; Rénmín rì-bào 1970; Tulung--NCNA, Peking 1968).

During the lulls between these periods of rapid change (195056, 1962-66, 1969-75), more stress has been placed upon regional (political) and minority (cultural) autonomy (see Table 3). Great Hanism (excessive centralization and ethnocentricity) was criticized (Fei 1952, Moseley 1973, Winnington 1959). Each nationality was to be guided into socialism at its own pace, peaceful transformation was achieved through discussion and demonstration and the granting of special treatment to the exaristocrats (NCNA, Chengtu 1956c). As in the rest of China, not only was there a slowing down of reforms but there was also some backstepping: in 1962, for example, 70 percent of the cooperatives in Nujiang Lisu Autonomous Zhou were slashed back, and the number of schoolchildren was reduced (NCNA, Kunming 1968). During such lulls in revolutionary fervor, the continuity with the past can be discerned: the Lisu are still scattered in small groups of households (NCNA, Kunming 1969a), bandits still harass remote areas (NCNA, Kunming 1969 [Aug. 11] and 1970 [Feb. 7]).
Date Founded
$1 / 1 / 52$
$8 / 23 / 54$
$11 / 18 / 57$
$4 / 15 / 58$ 1951
$4 / 7 / 53$
1954 1954 1954
TABLE 3. Autonomous Areas of Yi Peoples in China

| ovince | Number of Nationalities | Population in Thousands |
| :---: | :---: | :---: |
| S | 3 | 860 |
|  |  | Yi: 700 |
| Y | 17 | 220 |
|  |  | Lisu: 110 |
| Y | 12 | 1,880 |
|  |  | Yi: 340 |
|  |  | Hani: 280 |
| Y | 10 | 1,670 |
|  |  | Yi: 390 |
| $Y$ |  |  |
| Y |  | 220 |
|  |  | Lahu: 100 |
| K |  | Yi: 275 |
| Y | 12 | 40 |


| Zhou |
| :---: |
| Liang Shan Yi AZ (ll xian) |
| Nujiang Lisu AZ <br> (4 xian, 1 autonomous xian) |
| Honghe Hani and Yi AZ (10 xian, 1 municipality) |
| $\begin{aligned} & \text { Chuxiong Yi AZ } \\ & \text { (Zuyong) } \\ & \text { (11 xian) } \end{aligned}$ |
| $\underline{\text { Xian }}$ |
| Eshan Yi AX |
| Lancang Lahu AX |
| Wei-ning Yi, Hui, and Miao AX |
| Jiangcheng Hani and Yi AX |
| Menglian Thai, Lahu, and Kawa AX |


|  | Province | Number of Nationalities | Population in Thousands | Date Founded |
| :---: | :---: | :---: | :---: | :---: |
| Xian |  |  |  |  |
| Gongshan Tulung and Nu AX | Y |  |  | 1956 |
| Ning-lang Yi AX | Y | 12 | $\begin{gathered} 110 \\ \mathrm{Yi}: \quad 75 \end{gathered}$ | 10/56 |
| Lu-nan Yi AX | Y |  |  | 1957 |
| Wei-shan $Y i$ and Hani $A X$ (formed from Wei-shan Yj and Yong-jian Hui AX; under jurisdiction of Tali Pai AZ) | $Y$ |  |  | 1960 |
| ```Nanjian Yi AX (under jurisdiction of Tali Pai AZ)``` | Y | 10 | Yi: 49 | 1963 |
| Hekou Yao AX | Y |  |  | 1963 |
| Yanyuan Yi AX | S |  | Yi: 300 | 1964 |

$\mathrm{AZ}=$ Autonomous Zhou
AX = Autonomous Xian
$K=$ Kweichow
$S=$ Szechwan
$Y=$ Yunnan

The $y i$ peoples have therefore learned to dance to the same tune as their Han neighbors: two steps forward, one step back. A detailed study of recent history would probably show that this pattern also holds within the larger periods of time considered here. Despite temporary emphasis on rapid or slow reform, on centralization or local autonomy, on class antagonism or the attempt to smooth over class differences, the goal is still socialism. Paradoxically, what the Chinese before 1949 could not accomplish by force, they are now accomplishing as a by-product of a quite different goal, all the while encouraging respect for minority differences: the Yi minorities are becoming ever more assimilated into national political, economic, social, and cultural institutions. The Yi, formerly known as "iron peas" because they could not be assimilated, are joining the stew.

## Ethnography

Chinese interest in the southern "tribes" is ancient. For example in the second century A.D., Yang Fu wrote Nan I I Wu Chih ("Strange Things from the Southern Borders"). Wan Zhen's Nan Chou I Wu Chih ("Strange Things of the South") dates from the fourth century. Man Shu ("Book of the Barbarians"), by Fan Chuo, dates from about 685, and Wen Hsien Thung Khao ('Historical Investigation of Public Affairs"), by Ma Duan-1in, was published in 1319.

It was not until the second half of the nineteenth century, when Britain and France were seeking a back door to China, that Southwest China attracted attention from Western scholars. The earliest useful information on the Yi people was written by missionaries. For the Yi proper, we have excellent accounts by Paul Vial (1893-94, 1898, 1909), who lived among the Gni from 1886 on; Samuel Clarke (1911), who spent over twenty years in Kweichow; and Alfred Liétard (1913), who spent some eight years with the Ahi (A-si) of Chaotung in northeastern Yunnan. Missionaries among the Lisu who left important publications include l'Abbé Dubernard ( 1873,1875 ), Auguste Desgodins (1872, 1873), Alexandre Biet (in Biet and de Croizier 1877), Théodore Monbeig (in Liétard 1909b and Madrolle 1908), and James Fraser (1922) of the China Inland Mission, who devised a writing system still in use among Christian Lisu.

A great number of travelers have also left accounts of ethnographic value. Edward Baber (1882) was one of the first English
travelers to write enthusiastically of Southwest China, and of its Lisu and Yi inhabitants. Henri d'Orléans (1898) and Emile Roux (1897) visited the Yi, Lisu, and Akha peoples in Yunnan in 1895. Henry Davies (1909), who was trying to promote a rail link between India and China via Yunnan, made some observations on its inhabitants. Henri d'Ollone (1911) passed through Liang Shan and other areas of Yi and Lisu occupation in 1907, as did Jacques Bacot (1912, 1913). Archibald Rose and J. Coggin Brown (1911), the former a British consul at Dengyue and the latter a geologist, wrote the first extensive description of Lisu customs, based on their familiarity with Yunnan and the Shan States.

Modern Chinese ethnographic studies began in the 1930s. In 1934, Hsiang Ling-ching and other researchers of the West China Science College spent two months in Liang Shan. In 1939, Mǎ Cháng-shoû (1942-44) and other scholars of the Szechwan-Sikang Scientific Research Group traveled through Da Liang Shan. In 1940, Hsú î-táng (1944) and members of the Szechwan Education Department spent several weeks in Xiao Liang Shan, near Leibo. Zeng Zhao-lun (1947) traveled through Da and Xiao Liang Shan in August and September 1941. Lín Yâo-húa (1947) studied in Da and Xiao Liang Shan from July to September 1943; his monograph follows closely Hsu's (1944) report on many points. After 1949, Jî Xí-chén (1958) and Alan Winnington (1959), an Australian adviser in Da Liang Shan between 1957 and 1958, wrote reports of the changes taking place among the Yi.

Tá ( 1945,1948 ) spent some weeks in 1935 with the Lisu of the Biluoxue Mountains, between the Salween and the Mekong, in Yunnan. His brief reports include some interesting observations and several legends. Chén (1947) visited Dechang in Szechwan in 1946, and reported that Lisu clans were organized in a dual fashion, an observation
that has yet to be confirmed.
Only sketchy ethnographic information exists for the Achang, Akha, Woni (Hani), Lutzu, Tulung, Lahu, and Kadu in China.

Those Yi peoples who inhabit areas outside China have also been the subject of ethnographic enquiries. The Lisu of Thailand have been described by Bunchuai Srisawat (1952, 1963), Alain Dessaint (1972a), E. Paul Durrenberger (1971), and others. The Lahu of Thailand have been the subject of an exhaustive study by Anthony Walker (1970b, 1972c), Harold Young (n.d.), and Oliver Young (1961). The Akha of Thailand are the subject of an excellent study by Hugo Bernatzik (1947); Paul Lewis (1969-70) has written about the Akha of Burma.

The caste system dividing the $Y i$ into $31 a c k$ and Whitc has already been described above. Marriage (or sexual relations) across caste lines was severely forbidden. Marriage might be within the clan, "so as to strengthen the ties between two families" (Hsú 1944). The preferred mate is a cross-cousin; Lín (1947: 40-56) states that marriage with a parallel cousin is forbidden, but Hsú (1944) asserts that marriage with the mother's sister's daughter sometimes occurs. The Yi are not as strict as the Chinese about marrying within one's generation, so that one may marry someone standing in an "aunt" or "niece" or even "stepmother" relation (Hsú 1944, cf. Ko 1949).

The marriage ceremony (Liétard 1913: 156-59, Hsú 1944: 44-50) takes place preferably when the couple are thirteen, fifteen, or seventeen years old, on a day chosen in consultation with a shaman for its auspiciousness as determined by its conjunction with the couple's birthdates and those of their parents. The men of the groom's party are greeted by the women of the bride's family, first with witty remarks, then with buckets of water; their faces may be smeared with
pepper and soot, and some girls even physically attack them. Once the ice has been broken, the pig and other ingredients for the marriage feast are prepared. After the feast, the bride is taken to the groom's home, with much weeping and protestation. For three to five days the bride remains at the groom's parents' home, during which time the groom and bride are separated. The bride then returns to her parents' home for a "waiting-at-home-period" that may last for one or two years or until she is pregnant. During this time, the bride takes lovers-often cousins--and the groom (who is living with his parents) must not only bring presents if he wishes to have sexual intercourse with her but must usually use force to do so. This is a probationary period, which allows both parties to reconsider the match and allows the woman to prove her childbearing abilities. Polygamy, the sororate and levirate, are also practiced, particularly among high-status Black Yi.

The relative status of men and women among the Yi is quite equal, although the women do more work. Most activities are not restricted to one sex: women even do the heavy work in the fields, chop wood, and make musical instruments (Hsú 1944). Only the tending and shearing of sheep is masculine work (Hsú 1944). Normally, men and women eat together, but when there are important guests, they will eat separately, or the men will eat first.

Women could inherit land and even chiefly offices. Women were important in stopping feuds or wars, but they could also cause them by claiming mistreatment, by committing suicide, by arguments over bride-price, and by discovery of sexual liaisons between members of different clans. One girl is said to have committed suicide because a member of her husband's family let out gas in her presence (Hsú 1944).

Since the Black Yi refrained from most manual work, an important part of their lives consisted in enforcing rules of etiquette within
and between clans. Hsú (1944) writes that there are 485 Yi clans, with each clan or group of clans occupying a distinct territory. Cl an feuds seem to have been endemic in Da Liang Shan. They were caused by arguments over women, insults to Black Bone men or women, murder, theft (especially of slaves or horses), and defaulting on a debt; but, as elsewhere, the reasons for most feuds were long forgotten, and each clan had traditional enemies. Battles or war could be averted if the offenders paid an indemnity in silver or horses, or, if the offending clan were poor and no loss of life were involved, the wrongdoer might go on horseback (wearing a silk dress with a mirror in his hair and raw beef in his mouth) to apologize and to offer wine and beef to the offended party. Preparations for war included sending out a wooden tablet calling on all members of the clan, its tenants, serfs, and slaves to assemble; each family would assent by making a mark on the tablet; tallying the marks would indicate how large a fighting force might be expected. War costumes were extremely colorful: some wore hats of woven bamboo covered with white cloth, thin woolen felt and yellow satin, with animal hair that would wave in the wind; they would carefully prepare their hair, interweaving it with a strip of cloth and tying it into a horn just above the forehead; some would cap this with a sheep horn wrapped in colorful silk and red pompons; squares of silk would be sewn on their clothing. They reminded Hsú (1944) of the warriors in Chinese operas. Like these warriors, the Yi would run forward, shout out their names, and challenge their enemies to fight.

The War songs were equally awe-inspiring:
We are the famous Black Nosu!
We are the tigers who eat up human flesh!
We are the butchers who skin people alive!
We are the supermen, the nonpareil! (Hsú 1944: 61)

War tactics were more mundane: ambushes and surprise attacks were favored; because of lack of ammunition, battles were often hand to hand; the goal was not so much to kill the enemy as to capture him. A Black Yi would be held for ransom or allowed to commit suicide; White Yi or slaves were held for ransom or enslaved. Witchcraft and amulets were used extensively.

Battles and wars were often ended or averted by the mediation of a third clan, or by a "waiting-at-home" bride related to both parties (if her pleas were unsuccessful, she would commit suicide). Peace negotiations were long and required expert debaters: compensation had to be decided upon for each life lost. Finally, the hide of a bull was spread over a wooden frame, under which representatives of both sides would drink wine with chicken blood, and take a peace oath. If either party broke this oath, its members would meet the same fate as the slaughtered chicken.

Ji (1958) states that in 1949, one feud between two clans resulted in the mobilization of 20,000 men. Another feud between two of the largest clans had lasted a century, and resulted in the deaths of over 300 persons.

## Problems for Future Research

The gaps that exist in our knowledge of the Yi peoples are obvious: the greatest need is still for reliable descriptive studies--ethnographic, archeological, linguistic, sociological, psychological, and historical. This is especially true of the smaller ethnic groups, such as the Achang, Hpon, Kadu, Lutzu, and Tulung. Much of the written data on the Yi peoples, however, remain undigested. Among some of the more urgent problems are the following:
(1) Further investigations of the historical phonology, morphology, and syntax and of the comparative lexicon and the internal relationships of the Yi languages (not to mention their external relationships to other Tibeto-Burman groups). As Matisoff (1972a, 1973c) has pointed out, such studies will also make a contribution to broader theoretical issues, such as the mechanism of tonogenesis, grammatical effects on sound change, protovariation, and the notion of "cognacy."
(2) The identification and delimitation of Yi ethnic groups and subgroups, both in terms of self-identification and in terms of social processes; the nature of their relationships and the problems of changing ethnic identity, either at a group or at an individual level (Hanks, Hanks, and Sharp 1965; Leach 1954); in other words, the nature of "ethnicity" in highland Southeast Asia.
(3) Historical study of local gazetteers and Yi texts, with the goal of correcting histories written solely from a Han (or lowland) point of view.
(4) Documentation of the recent changes undergone by $Y i$ peoples
in China, and comparisons with changes undergone by $Y i$ peoples in Southeast Asia; the change from swidden to irrigation agriculture taking place in both areas will be especially significant.
(5) Comparative studies of shamanism and curing methods, to explore the sexual division of labor in shamanism, methods of inducing trance states, relationship of shamanism to value systems, and the changes brought about after the acceptance of external medical systems.
(6) Comparative studies of social structure and value systems, to determine whether a core common to all Yi peoples exists, and to find out which variations may be traced to ecological or historical causes.

## BIBLIOGRAPHY

Each citation is alphabetized under the author's last name (the author's own transliteration is used; where this is not provided, the Pinyin System is used for Chinese, and the Mary Haas system is used for Thai). The citation continues with the date of publication, followed by the title of the work, place of publication, publisher, and number of pages. In the case of periodicals, the title of the article is indicated in quotes, followed by the serial title, volume number, issue number (if appropriate), and page numbers. In some cases, important re-editions, reprints, and translations have been indicated in parentheses following the main citation. If the item is available in the Human Relations Area Files, the notation HRAF is followed by the file number.

Each annotation begins a new paragraph, which usually starts off with the name(s) of the ethnic group(s) discussed. The abstract is followed by a note on ethnographic maps and photographs, but only if they refer to the ethnic groups mentioned. Cross-references and book reviews are then noted, if appropriate. The author's spelling of proper nouns is retained in each case, and where several spellings are used these are indicated. The more common spelling in use today is indicated only where identification might be difficult.

As in any such bibliography, there are bound to be accidental omissions. The following categories of works are usually omitted: missionary tracts, Chinese district gazetteers, works in Lolo languages, and unpublished manuscripts. Works published through 1975 are included.

Anonymous
1955 Bon ma ve aw lawn 24 ceu ( 24 sermon outlines), Rangoon, n.p.

Lahu sermon outlines.
1959 Lahu $\mathrm{k}^{\prime} \mathrm{a}$ mui li (Lahu hymn book), Pangwai, Kengtung, n.p. (Second edition, 1970, Bangkok.) Ca Law cu yi hen ve (Ca Law the wise man), 2 vols., Bangkok, n.p. (First edition, Rangoon.)

Lahu reader.
1970b Lahu li-Aw hkui pui hen tu ve (Lahu primer), Bangkok, n.p. (First edition, Rangoon.)

Aàdsǎalii, Šéerii
1963
Sibhâa phaw nai Thai (Fifteen peoples of Thailand), Bangkok, Sǎmnákphim Phidjaakaan. 216 pp.

Akha, Lisu: Descriptions of dress, housing, livelihood, marriage, divination, and spirits. Based mostly on Srisawat 1952.
Abadie, Maurice
1924
Les races du Haut-Tonkin de Phong-Tho $\frac{\text { à }}{\prime}$ Lang Son, Paris, Société d'Editions Géographiques, Maritimes et Coloniales. 194 pp .

Lolo: The only Lolo in Tonkin are located in Baolac, where they are called Heu-lolo (Black), Peu-lolo (White), Dji, Gni, or (by the Annamities) Man-khoanh. Although they are often immoderate in their use of alcohol, tobacco, and opium, they are more gentle than the northern Lolo. Description of dress: men adopt Thai dress except for burial. Houses of the rich are on piles, others on ground. Meo and Lolo often have the same chief
(of the more numerous group). Adoption and buying of children. After marriage, the wife lives with her parents until her first pregnancy. The Kan-t'eou-lolo ('head-cutting Lolo') exhume their dead, cut off the skulls, and place them in wooden boxes. They believe in spirits and worship ancestors at an altar with figurines made with the stem of the orchid, 7 knots long for the males and 9 for the females. Other groups which may be related to Lolo include the Fou-la (Peu-pa, P'ou-la), a few hundred of whom are scattered along the Chinese border; the Xa-pho (Lao-pha), 3,000-4,000 of whom live on the right bank of the Red River; and the Ho-nhi (Ouoni, Woni) who number 200-300. Descriptions of their dress and houses. The Xa-pho have mixed with Thai and Nhang; they do not have a deluge legend, but their origin legend says that the first human couple had four sons: Xa-pho, Thai, Man, and Meo; the mother made cloth for the Thai and Yao, but, running out of material, she had to make a shorter dress for the Meo and a very short one for the Lolo.

Adams, Marie Jeanne (or Monni)
1974 "Dress and design in highland Southeast Asia: The Hmong (Miao) and the Yao," Textile Museum Journal 4,1: 51-66.

Akha grow cotton.
Lahu and Lisu emphasize the upper arm of the jacket, wear plain shirts with elaborate sashes.

Photos.

Ainscough, Thomas M.
1915 Notes from a frontier, Shanghai, Kelly and Walsh, Ltd. (Reprint: 1971, Taipei, Ch'eng Wen Publishing Company.) 90 pp.

Lolo: Chinese military currently suppressing Lolo rebellions near Sanya and Yen T'ang (pp. 17, 36-38). According to d'Ollone, the Lolo originally inhabited southern Yunnan and Kuei Chou, but rebelled against the Chinese in 1727 and fled north to the Ta Liang Mountains. North of the T'ung River are Tributary Lolo, south of it are Independent Lolo, who raid and enslave local Chinese. The only Chinese who regularly enter the Ta Liang Shan are the collectors of white wax insects and those who slit opium poppies, the Lolo being inexperienced in this. The main road to Yunnan through Chien Chang Valley is defended by blockhouses every mile; subsidies are paid to nearby Lolo chiefs, and Lolo hostages are kept, but even so the road is unsafe. Even more so since the Revolution; scarcely a hamlet from Fulin to Huili Chou has not been pillaged (pp. 23-26).

Anderson, John
A report on the expedition to western Yunnan via Bhamô, Calcutta, Office of the Superintendent of Government Printing. 458 pp .

Leesaws and Kakhyens inhabit Hotha and Sanda valleys and grow rice, tobacco, opium, and maize (p. 83). Leesaws and Myautze live east of Momien ( p . 118) . Kakhyen sometimes exact tribute from the Leesaw. Description of Leesaw dress, which resembles Chinese and Shan. Met

Leesaws in Sanda and Muangla markets carrying vegetables, firewood, and planks. Their language resembles Burmese (pp. 135-36). Visited a Leesaw village, where Chinese and Shan also live, overlooking Hotha; one enters through wooden gate and leaves through long, enclosed passage of climbing plants (pp. 163-64). Leesaw vocabulary (pp. 401-09). Map.
Mandalay to Momien, A narrative of the two expeditions to Western China of 1868 and 1875 under Colonel Edward B. Sladen and Colonel Horace Browne, London, Macmillan and Co. (Reprint: 1972, Taipei, Ch'eng Wen Publishing Company.) 479 pp.

Leesaws: Anderson was the expeditions' medical and scientific officer. He claims that Leesaws in Hotha and Sanda valleys, between Tengyueh and the Burmese border, are the same people Cooper calls Leisu in northern Yunnan. They sell oil, bamboo, and firewood. Men and women shave a circle around the head, leaving only a large patch from which hair is gathered in a short pigtail. Description of dress. Language akin to Burmese (p. 257). Village with wooden gate and covered passage (pp. 276-77). Vocabulary (pp. 464-73). Maps, illustrations.
Anthony, K. R. M., and F. R. Moorman
Agricultural problems and potentialities of a hill tribe area in Thailand, Bangkok, National Economic Development Board. 11 pp .

Lahu and Lisu of Tak nikhom (government reservation) included.
'Elementary studies in Lahoo, Akha (Kaw), and Wa languages," Burma Research Society, Journal 1,1: 41-64.

Lahoo, Akha: Information from pupils in Kengtung. Words, simple phrases.
"Lahoo narrative of creation," Burma Research Society, Journal 1,1: 65-69.

Lahoo: Creator was Gusha, who planned (daw) and thought (ga), so that Adaw and Aga are interlocutors. "Lahoo traditions--continued," Burma Research Society, Journal 1,2: 32-35.

Lahoo: Brother and sister rescued from flood. Dispersal of peoples from pagoda in Mung Miehn (Shan word for Lahoo). Myinchias of Tali are a branch of Lahoo. One party of Lahoo killed a stag and distributed it; another party killed a porcupine but did not eat it, since it was small; however, since the quills were longer than the hairs of the stag, the first party was vexed and separation of the two Lahoo groups resulted. (Karen and Chin are said to have same tradition.) According to one legend, both groups started south, but one group stopped to boil molluscs, hoping the shells would soften; the other group did not wait and went on. (Karen and Akha have same story.) There is a prophecy that this latter group will one day return and bring with them the precepts of God, which were written on rice cakes, and restore them to political supremacy. (Akha, Wa, and Karen have legends of writing on buffalo skin.)

Arritola, Marlene
"Hilltribe silver jewelry," Sawaddi, Nov.-Dec.: 15-18. Akha, Lahu Na , and Lahu Nyi wear silver extensively as jewelry and dress ornamentation.

Lisu wear silver chains attached to both ears.
Photos.
Asian Analyst Supplements Agency
National minorities in China. n.p. 42 pp .
List of minority areas. Discussion of immigration
of Han cadres, literacy drives, insistence on common culture during Cultural Revolution, religious persecution.

Audretch, C. C., and C. C. Chaffee

1969

Ba Te

1926

The Lahu tribes of Thailand and Burma: Specific information, bibliographic references, and sources, Bangkok, Battelle Memorial Institute, Thailand Information Center. 16 pp .

Lahu: Sources of authority and power, values, the legend of a "man-god" with warrior followers, qualities that might give rise to a Lahu army. See Hill Tribe Welfare Division 1970.
"Lahoo Folklore. The hunt for the beeswax," Burma Research Society, Journal 2,1: 65-71.

Lahoo: Translation of a folktale. "A marriage custom among the Ahkas and Myinchas," Burma Research Society, Journal 16: 43-45.

Ahka: Young men and women meet at dances, after which a youth and his companions may "forcibly" abduct a girl. The first mouthful eaten by her in the youth's
house makes her his wife. An elderly man of the groom's village settles bride-price with girl's father.
Baber, Edward Colborne
"Travels and researches in western China," Royal Geographical Society, London, Supplementary Papers 1: 1-152. (Reprint: 1971, Taipei, Ch'eng Wen Publishing Company.)

Lolos used to defeat Taipings (pp. 55-56). Road to Chien-Ch'ang subject to Lolo attacks; some border Lolos help guard it; these speak Chinese but retain Lolo dress. Tall, well-built, with prominent cheekbones and chin. Hair is gathered into a knot over forehead and twisted in a cotton cloth to resemble a horn. Sinicized Lolo wear both horn and pigtail or may shave entire head. Felt mantle and leggings, Chinese cotton trousers. Silver, copper, and iron mines near Yueh-hsi T'ing in Lolo country. A Lolo T'u-ssu (chief) at Yueh-hsi. Call themselves Lo-su, No-su, Ngo-su, Le-su. Black-bone nobles, white-bone retainers; Wa-tzu are captive Chinese slaves. Description of marriage ceremony. High position of women. Bad relations between Lolo tribes. Ultimogeniture in property and chieftainship. Communicate with spirits through shamans and omens. Le-su is a widely used term but may be the same people as Desgodins' Lissou, Andersons's Lee-saw, and Cooper's Lei-su (pp. 58-72). Lolo and Leesaw numerals, Lolo vocabulary from left bank of T'ung River (pp. 72-78). Fear of Lolo attack causes panic in Li-chou in 1850. Stones are stored in case of Lolo attack at a custom house, which
had been looted and its officers stripped a few weeks previous to Baber's visit. Half the population of Yenyuan district are Moso tribes. Moso writings (pp. 7989). Lolo Tu-ssu at Tu-ke. Lolos blamed for Chinese banditry, blamed for revenging themselves against Chinese who kidnapped Lolos (pp. 105-06). English translation of kidnapping of Fenouil in 1862 (pp. 118-24). Lolo writing (pp. 125-29, 9 plates). Stone statue said to be of Hsi-po, an ancient Lolo king; they still burn incense to him (pp. 139-40). Comment on Lolo writing by Terrien de Lacouperie (pp. 142-43): It is phonetic, and it resembles writing of Sumatra. Map.

Bacot, Jacques

"Les populations du Tibet oriental," Revue d'Ethnographie et de Sociologie 3: 203-10.

Lissou: Bacot believes that the Lissou of Yunnan were forced into the mountains by Tibetan invaders.
Les Mo-so, Leiden, E. J. Brill
Lissou: Bacot considers them indigenous to north western Yunnan.

Bangkok Post
"Igor tribesmen prefer peace and sclitude," Bangkok Post, Nov. 6: 5.

Igor (Akha) unresponsive to government's family planning program. Photo.
"Visitors study Lisu," Bangkok Post, Aug. 14: 6.

Lisu will be target of literacy program by Jesse Yangmi, Eugene and Robert Morse, and four of their sons.

See Boh 1967; Morse 1962, 1974.
Bangkok Technical College

1968 1967

1973

## Bangkok World

Report from Bangkok Technical College on a Volunteer Camp, Bangkok, Bangkok Technical College. 52 pp.

Lahu provided with houses, playground, medicines, and clothes In Thai.
"Getting to know the Red Lahu," Bangkok World Sunday Magazine, Mar. 12: 6-8.

Lahu Nyi of Amphoe Phrao: Sketch of the study being carried out by Anthony Walker. Photos. "First Lisor teacher trains tribesmen," Bangkok World, May 29: 6.

Lisor (Lisu) teacher in Tak Province. Photo.
Bank of China: see Zhōng-gúo yín-hang.
Barnard, J. T. 0.

1925

1930
"History of Putao," Burma Research Society, Journal 15: 137-41.

Lisu arrived in 'Nami and Alikyang valleys three or four generations ago. They levied tribute from Daru and Nung, some of whom left.
"The frontiers of Burma," Central Asian Society, Journal 17: 173-88.

Lisu considered truculent. When casualties occur in quarrels, women intervene. They wash for gold. Suspension bridge. Maps.

Bastian, Adolf
1866-71
Die Voelker des Oestlichen Asien, Studien und Reisen, 6 vols., Leipzig, Verlag von Otto Wigand; London, Truebner \& Co.

Laulau or Lolo (Nui) mentioned (1: 177)
Baumann, William H.
Integrating of mountain peoples (hill-tribes) in provincial police of Thailand, Bangkok, United States Operations Mission. 10 pp.

Akha, Lahu, Lisu, and other highlanders could be recruited as police.

Beauclair, Inez de
1956a "Culture traits of non-Chinese tribes in Kweichow Province, Southwest China," Sinologica 5,1: 20-35. (Reprint: 1970, in Tribal Cultures of Southwest China, Taipei, The Orient Cultural Service, pp. 40-59.)

Yi: Miao call Chung Chia "Yi" in Anshun, and Kweiyang Chinese call them "Yi Chia." Wiens (1954: 280) uses "Yi" for Chung Chia and includes the Tai, Tung Chia, and Shui Chia. Lolo stone defense towers serve as hiding place, storeroom, and lookout.
"Ethnic groups," in Hellmut Wilhelm, ed., A General
Handbook of China, New Haven, Human Relations Area Files, Subcontractor's Monograph No. 55. (Reprint: 1970, in Tribal Cultures of Southwest China, Taipei, The Orient Cultural Service, pp. 1-39.)

Wu-man, 93 tribes of "Black Barbarians," including Lolo, Nu-tzu, Ku-tsung, Mo-so, Li-su, and Wo-ni, left original habitat in east Tibet. Vanguard, which may have
been Woni, reached south Yunnan by Han times. Lisu, Akha, and Lahu later drifted south and east from the upper Salween; the Lisu reaching south Yunnan by Ming. Lahu, between the lower Salween and Mekong, arrived several centuries ago. Lolo moved south and west in historic times, reaching Kweichow in Han, driven back west in Ming, and reaching Annam several centuries ago. Physical data and population figures. Kutsung and others frequent Tali medicinal market; Lolo frequent Tatsienlu market, where wool, felt, fox skins, yak tails, and rhubarb are exchanged for tea, cloth, tobacco, needles, and spices. White Lolo have assisted Chinese in fighting Black Lolo. Lolo landlords mistreat Miao tenants, confiscating their belongings when they are unable to pay. Miao refer to Lolos' overbearing attitudes in their myths, and when sending deceased's spirit to ancestors the Miao priest warns him to stay away from Lolo.
Beauvais, J. (See also Zaborowski-Moindron 1901, 1904, 1905.) Long-Tcheou," Ecole française d'Extrême-Orient, Bulletin 7, 3-4: 265-95.

T'ou-jen: Detailed notes on customs pertaining to childhood, marriage, death, and day of dead among t'oujen ( $\wedge \propto$ ). Translation of passage from Long Tcheou ki lio.
Bendict, Paul K. Kinship in southeastern Asia, doctoral dissertation, Harvard University. (Not available through University

Microfilms.) 525 pp.
Lolo kinship.

1947

1948

1975
"Languages and literatures of Indochina," Far Eastern Quarterly 6,4: 379-89.

Akha (of northern Laos) and Lolo (of northwestern Tonkin) included in "immigrant" languages of TibetoBurman stock.
"Tonal systems in Southeast Asia," American Oriental Society, Journal 68;4: 184-91.

Burmese-Lolo tonal systems have common origin. A number of languages (including Lahu and Lisu) have 4, 5, or 6 tonemes with a simple high-low contrast in checked syllables. (See Matisoff 1972a, 1973a.)

Austro-Thai: language and culture, with a glossary of roots, New Haven, HRAF Press. xxiv, 490 pp. (Pages 1 133 originally published in 1966-67, Behavior Science Notes 1: 227-61; 2: 203-44, 275-333.)

Akha, Lisu, Lolo, Moso vocabulary items used for comparative purposes (pp. 88, 100, 109, 113, 116).
Benedict, Paul K. (and James A. Matisoff, contributing editor)
1972
Sino-Tibetan, A conspectus, Cambridge, Cambridge University Press. 230 pp .

Comparative linguistics. Based on a manuscript of 12 volumes (at University of California) completed in 1943, with some revision, mostly by Matisoff.

Review: Kun Chang, 1973, Journal of Asian Studies 32,2: 335-37.
Bernath, Frances A.
1964 Catalogue of Thai language holdings in the Cornell

University Libraries through 1964, Cornell University, Southeast Asia Program, Data Paper 54. 236 pp.
Bernatzik, Hugo Adolf 1938 Die Geister der gelben Blatter, Munchen, F. Bruckmann. (Various reprints, including English translation by E. W. Dickes, 1958, Spirits of the yellow leaves, London, R. Hale. French translation by A. Tournier, with notes by G. Condominas, 1955, Les esprits des feuilles jaunes, Paris.) 240 pp.

Lisu mentioned. Photos.
"Die Lahu verweigern uns Gastfreundschaft," Atlantis 12,6: 214-19.

Lahu of Fang, Chiangrai, and Kengtung. Photos. Akha and Meau, 2 vols., Innsbruck, Kommissionsverlag Wagnerische Univ.-Buchdr. (English translation: 1970, Akha and Miao, New Haven, hral: Press.) (hraf AO 1-39, in German and English.) 568 pp.

Akha: Complete ethnography.
Lisu said to be most similar to Miao; much intermixture with Lahu and Chinese; economically dependent on latter. Lisu most distrustful of outsiders and resist missionaries. Kin terms. Maps, photos.

Reviews: Inez de Beauclair, 1950, Studia Serica 9,2: 108-16.
Die Neue Grosse Völkerkunde, Frankfurt/Main, Herkul G.M.B.H., Verlagsanstalt. (Reprint: 1962, Einsiedeln, Bertelsmann Lesering.) xvi, 976 pp .

Achang, Akha, Lahu, Lisu, Lolo, Woni: Passing mentions (especially 2: 126-29). Maps, photos.

Bernot, Lucien
1971

1972
"Les langues Tibéto-birmanes," Asie du Sud-est et Monde Insulindien 2,4: 11-24.
"Presentation des feuilles de cartes de la famille Tibéto-birmane," Asie du Sud-est et Monde Insulindien 3, 4: 5-6.

Akha, Lisu, Lahu, Lahuhsi, Lahuna, Lishaw, Lisu, Lolo Blanc, Lolo Noir, Lolopho, Man-khoanh, Moso, Nosu: Words for "dog," "tooth," and "salt." Maps.
Bertreux, Henri
1922
Au pays du dragon, Paris, Maisonneuve et fils. 381 pp.
Lolo: Missionary in Kien-tchang. Lolo toll-
collectors ( p .155 ). It is almost always the Chinese who break treaties with Lolo. For six centuries, Chinese have tried to colonize the Lolo. Witnessed cremation Houses. Chinese soldiers have married Lolo (pp. 307-28). Map, photos.
Bhruksasri, Wanat
1970 "Other points and guidelines for the solution of hill tribe problems," Journal of Sociology and Anthropology (Chiang Mai University) 3,2.

Akha, Lahu, Lisu: Cites contradictory ideas of Australian anthropologists on defense, development, and administration of Thai highlands. Notes that the solution to problems lies in the similarities between highlanders and Thai, also increased capabilitiy of Border Patrol Police, training of officials, and economic development.
Biet, Alexandre, and Marquis Edme Casimir de Croizier
"Vocabulaire lyssou recueilli à Tsékou..." Société Académique Indochinoise, Mémoires 1: 22-41. (Reprint: 1879, St.-Quentin, Jules Moureau.)

Lyssou pay tribute to the Chinese. Vocabulary.
Birnbaum, Norman
1970 Communist China's policy toward her minority nationalities: 1950-1965, doctoral dissertation, New York, St. John's University. (Dissertation Abstracts International 31,6: 2831-32A, University Microfilms order no. UM 70-25, 590.) 238 pp .

Bishop, Mrs. J. F. (Isabelle L. Bird)
1899 The Yangtze Valley and beyond, London, John Murray. 557 pp.

Loll bandits make the trade routes above Ping-chan insecure.
Blakiston, Thomas W.
1862 Five months on the Yang-tsze, London, John Murray 380 pp . Miau-tze (Ha h-I, I-jin) sketch, with horns from Ta-lia-shan (pp. 271-72, 284). Maps.
Blanchard, Wendell: see Henderson 1971b.
Bell, Paul Victor
1899 Contribution à l'étude de la langue loco, Paris, Ernest Leroux. 21 pp .

Lolo: Linguistic material collected in 1892 from three dialects in Kiu-tsing-fou, Yunnan: A-hsi of Fog-hoang-chan village, Na-so-po met at I-liang-hsien, and Ny of Lou-mei-i (Vial's village). Comparisons from Doudart de Lagrée, Baber, and Hosie. Two texts in Nyipa: A song and a geography.

Boh, Shwe
1967 "Nation-building in Far North," Forward 6,5: 12-17.
Lisu trained at Central Frontier Areas Missionary Institute in Myitkyina. Morse, a missionary, induced some Lisu of Milashidi village near Putao to follow him into exile. They were later readmitted to Burma "shivering, hungry and helpless."

See Bangkok Post 1973b; Morse 1962, 1974.
Boiteux, L.
1935
"Comment on frôle le martyre," Les Missions Catholiques 67,3236: 624-28.

Lolo: Visit. Photos.
Bonifacy, A. L. (See also Soulié and Tchang 1908.)
$1905 \quad$ "Etude sur les langues parlées par les populations de la Haute Riviere Claire," Ecole française d'Extreme-Orient, Bulletin 5: 306-27.

Black Lolo of Bao-lac is compared to Tibetan, Burmese, Chin, and Kachin (by Huber) and shown to drop the final consonant (except nasals).
1906a
"Les groupes ethniques du bassin de la Rivière Claire (Haut Tonkin et Chine Méridionale)," Société d'Anthropologie de Paris, Bulletin et Mémoires 5,7: 296-330.

Loloderives from "la," meaning people in many languages of Tonkin and South China. In the deluge and creation legends, bamboo plays an important part; it invited brother and sister to unite, protected their union with its shadow; newlyweds cannot cut bamboo; ancestor figures are placed on bamboo. Sky spirit is Mo nè, spirit who intercedes for man is Tchung nè. Fowl and pork are
taboo for married women. Both husband and wife stay in house 15 days after a birth (pp. 321-22).

Five tribes: (1) Mung (Muong) near Bac Mè, speak and dress as Thô; similar to Lajonquière's Xapho, near Bao ha. (2) Black Lolo near Baolac. Men wear Thô costume. Grow wet and dry rice, but Meo encroaching on their land. Rebury bones of dead, using bamboo stick to determine end of odor; their neighbors maintain that the skulls of dead are kept in baskets in their houses. Physical type. Photos. (3) White Lolo at K'ai hoa fou are similar to Black, with whom they marry, but not subservient to them. Photo. (4) Pu-la at Hoang thu bi, near Xin man, are 12 families. More similar to Vial's Lolo. Photo. (5) Pu-la at Lang dan (north of Hà giang) are 2 families (pp. 300-25). Photo. La qua, called Pen-ti Lolo by Chinese and classed with Lolo by Devéria 1886 and Lunet de Lajonquière 1906 (but with Thai in his 1904), are not Lolo (p. 321).
"Les populations montagnardes du Tonkin," Revue des Troupes Coloniales, série 2: 335-63, 431-59.

See his 1919.
"Etude sur les coutumes et la langue des Lolos et des La-qua du Haut Tonkin," Ecole française d'Extrême Orient, Bulletin 8: 531-58.

Lolo located in Tu.o.ng.yen phu of Tuyên-quang Province: Mung, Black Lolo (including Man Khoanh, whose men have adopted Thai language and dress), White Lolo. La-qua are not Lolo, have Meo chief. For past 50 years, Meo have increasingly taken Lolo lands and
assumed political dominance. Some Lolo villages have Thô priests; may conduct ordeal of putting hand in boiling oil in presence of Yao or Chinese priest. Pray to ancestors on 9th-10th day of 6th month. Different forms of ancestor tablets illustrated (p. 541). Village spirit sacrifices. Birth, marriage, and death customs; levirate, with exception that elder brother cannot marry younger brother's wife; bones reburied. Legend of brother and sister, survivors of a war, told by turtle and bamboo to marry; they have 3 sons and 3 daughters, who marry and have Man-zi, Mung and $M^{\prime}$ ti (Thai), from whom other tribes are born. 18 souls and 18 vital spirits. Houses on piles. Vocabularies. Cours d'ethnographie indochinoise, Professé aux élèves de l'Ecole Supérieure d'Agriculture et de Sylviculture, Hanoi-Haiphong, Imprimerie d'Extrême-Orient. 110 pp . Lolo found in Third Military Territory, upper Black and Red rivers. Includes Houni, Pu-la (Xa-phô), Mosso, Kha reng, and other Kha and Kouy in Laos, Upper Cambodia, Siam, and the Shan States. Near Bac Mê are Mung who refuse to admit it but speak a Lolo language. White better off than Black. They use stylized representations of human body as ancestor tablets, and three different types from less to more stylized may be distinguished (sketches).
"Les habitants du Haut-Tonkin," L'Eveil Economique de 1'Indochine No. 315-16.

See his 1919.
"Conference sur les groupes ethniques du Haut Tonkin
au nord du fleuve Rouge," Société de Géographie de Hanoi, Cahiers 7: 1-30. (Reprint: 1924, Moniteur d'Indochine, Nos. 298-300, Nov. 1-15.)

Lolo: Summary of his 1906 and 1908. Photos.
Bonin, Charles-Eudes
"Lettre," Société de Géographie, Compte Rendu 33-37.
Lolo: Crossing of Leang-shan. Map. See Cordier 1907: 77, Maitre and d'O11one 1909.
"Vocabulaires," T'oung Pao, série 2,4: 117-26.
Mau-tse (Lolo) (pp. 124-26).
"Lettre," La Géographie 16, 4: 270-71.
Lolo: Itinerery of 1898 crossing of Leang-shan. See Cordier 1907: 78, Maitre and d'Ollone 1909. Les royaumes des neiges (Etats himalayens), Paris, Librairie Armand Colin. 306 pp.

Mosso: Translation and discussion of Moss manuscript from Li-kiang-fou; Marco Polo calls them Mosso-man. In Sung, they descended from Tibet to Likiang, where they were conquered by Nan-chao and by Mongols (1255). In 1277, they joined the army of Mongol Nasser-ed-din (along with Lolo and Pa-y) against the Burmese. Chinese kept Mosso king in mandarinate. Mosso train as lamas in Lhasa.

Bons d'Anty, Pierre
1904a "Explorations dans le Seu-Tch'ouan par M. Bons d'Anty," La Géographie 10,5: 317-20.

Lolo: Chinese have begun to come into Lolo country.
 pp. 85-104. (Reprint: n.d., Paris, Comité de l'Asie

## française.)

T'a-lang-t'ing inhabited by Po-wo-mi (call themselves Pi-yo). Map showing general ethnic locations and routes of explorers.

Boon Chuey Srivasdi: see Srisawat, Bunchuai.
Bcon-Itt, Kultida
196-[?] Bibliography on the Lahu (Muzer), Bangkok, Battelle Memorial Institute, Thailand Information Center.

50 pp .
Lahu: About 90 entries.
Boucher, André
1935
"Mgr. de Guébriant, apôtre du clergé indigène," Les Missions Catholiques 67,3222: 178-82.

Lolo: Missionary among Lolo. Photo.
Bourne, Frederick Samuel Augustus
1888
China, No. 1, Report by Mr. F. S. A. Bourne of a journey in south-western China, London, His Majesty's Stationery Office. 92 pp .

Lolo: Finds Lolo in Kweichow cut up by Chinese Moslems. Lolo chief smokes opium. Bought Lolo manuscript. Vocabularies from Ta-Chê-ping, T'ang-t'ang, and Ma-hê Lolo. See Cordier 1907: 65-70; Nature 1888.

Boutmy
1889
'Mes premieres impressions dans le Yun-nan," Les
Missions Catholiques 21,1055: 406-08; 1057: 430-31;
1058: 441-44; 1059: 453-56; 1060: 464-67; 1061: 478-79;
1062: 486-88; 1063: 505-06; 1064: 511-14; 1066: 540-41;
1068: 561-64.

Lolo religion. Oldest son of deceased takes a handful of grass from near the tomb to make a figurine (1060: 465-66).

Bradshaw, Angela
1952 World costumes, London, Adam and Charles Black. 101 pp. Lahu and Lihsaw costumes (pp. 43-44).
Brandt, John H.
1965 Recommendations on a hill tribe health program, Bangkok, Memorandum to United States Operations Mission, Public Health Division. 6 pp.

Akha, Lahu, Lisu: USOM health activities, including nikhom (reservations) at Chiangdao, Mae Chan, and Tak, and at eastern Chiangrai and northern Nan in Thailand.
Bridgman, E. C.
1859
"Sketches of the Miau-tze," North China Branch of the Royal Asiatic Society, Journal 3: 257-86.

Translation of selections from a Chinese work (cf. Clarke in Colquhoun 1883, Cordier 1907: 4-6). Kolo (originally Lou-lou) in Ta-ting prefecture includes Black and White divided into 48 clans with chiefs of 9 ranks; women governors; A-ho of Pau-ting may be related to Pe (White) Ko-lo.
Brooke, J. W.: see Maitre and d'Ollone 1909; Meares 1909a, 1909b; Starr 1911.

Broomhall, A. J.
1947
Strong tower, London, China Inland Mission. 255 pp.
Nosu: Medical missionary in Ta Liang Shan, 1947-
51. Chinese use mortars and planes against Nosu (pp. 18-
19). Chinese fear Nosu raids; soldiers stationed among them trade in opium; Nosu bandits (pp. 31, 36-37). The nearer to the Nosu, the less cared for were Chinese fields, though it had been 10 years since the last raid (p. 46). Stories of American pilots held as Nosu slaves probably refer to northern Chinese deserters ( $p$. 75). Lepers are killed by Nosu (pp. 50-51, 75). Use of hen's lower jaw for divination (p. 77). Attack on Chinese post harboring escaped slaves, clan feuds, Chinese held for ransom, (pp. 116-17, 143-45). Nationalist guerrillas operate from Chaokioh, March-May 1950; dispute over tolls with Nosu (pp. 217-28). Map photos.
Broomhall, Marshall
1907 The Chinese Empire, A general and missionary survey, London, Morgan \& Scott. 472 pp .

Lolo in northeastern Yunnan, by John M'Carthy (pp. 244-45) and northwestern Kweichow, by Samuel R. Clarke (pp. 251-52).
"Some tribes of south-west China," International Review of Missions 6,22: 267-81.

Lolo includes Lisu, Laka, Kang-i (Kopu), Bapu. Nosu fled to Taliangshan before Manchus in 1727. Now Chinese must pay 75-150 taels to collect wax insects there. C. G. Gowman notes the similarity of Lisu demon rites and those in Leviticus XVI: 2 goats are 2 Lisu chickens, idea of blood pervades. Flowery Lisu near Tengyueh are being missionized. Caste hierarchy of Nosu; they worship Mü-p'ü-mö (spirit of heaven) and le-su (lord of life and happiness). Pollard invented script
for Nosu.
Brown, John Coggin (See also Rose and Brown)
1910
"A Lisu Jew's harp from Yunnan," Asiatic Society of Bengal, Journal, n.s. 6: 589-92.

Hwa Lisu of Ku-yung-kai, Yunnan. Jew's harp previously noted by Orléans (1898).
Bruk, Solomon Il'ich
1958 "Distribution of national minorities in the People's Republic of China," Sovetskaia Ethnografiia 1. (Reprinted in English: Stephen P. Dunn and Ethel Dunn, eds., Introduction to Soviet Ethnography, Berkeley, Highgate Road Social Science Research Station, 2: 629-54.)

I-tsu include Hang-i (Woni), Li-su, Na-hsi (Moso), La-hu (Lo-hei), Pai (Buddhists), A-ch'ang, T'u-chia.
A group of T'u-chia has recently been located in Hunan. Maps.
Naselenie Indokitaia: Poyasnitel'naia zapiska k karte narodov, Moskva, Institut Etnografii imeni N. N. Mikluho-Maklaia, Akademii Nauk SSSR.

Ethnographic map and booklet on Indochina. Naselenie Kitaia, MNR $\underset{\text { i Korei: Poyasnitel'naia zapiska }}{\underline{\text { n }}}$ k karte narodov, Moskva, Institut Etnografii imeni N.N. Mikluho-Maklaia, Akademii Nauk SSSR. (English translation 1960, Peoples of China, Mongolian People's Republic, and Korea, Washington, U.S. Joint Publications Research Service, No. 1710.)

1953 census of minority populations. Yi
subdivisions include Nosu, Ache, Asi, Sani, Laloba, Menhua, and Yulo. Yi group includes Hani, Lisu, Nasi, Lahu,

Pai, Achang, Tuchia (of Hunan); Dulung have much in common with Lisu. Subdivisions and locations of each of these minorities. Ethnographic map.
Bruk, Solomon Il'ich, and V. S. Apenchenko, eds.
1964 Atlas narodov mira, Moskva, Institut Etnografii imeni N. N. Mikluho-Maklaia, Akademii Nauk SSSR.

Ethnographic atlas. Map omits the Lisu of Thailand and Kengtung. The large concentration of Lisu east of $96^{\circ}$ E probably consists of Kachin and Kachinized Lisu. Greatly underestimates the number of Lisu in Thailand.

Brun, Viggo
1973 "An English-Akha vocabulary," Acta Orientalia 35: 139-59.
Akha of Saen Caj, Mae Chan district, Thailand.
Contains 414 entries, including Swadesh's 200-word list.
Brunhuber, Robert
1912 An Hinterindiens Reisenstromen, Berlin-Friedenau, Franz Ledermann. 120 pp .

Liessou, or Lissu, are located along Salween River from Dagatse $\left(25^{\circ} 18^{\prime} \mathrm{N}\right)$ to $27^{\circ} \mathrm{N}$, north of which are Lutzu. Location and size of settlements. Brunhuber and Schmitz left Bhamo and Tengyueh in 1908, and were murdered at about $27^{\circ} 20^{\prime} \mathrm{N}$, near the Salween, on January 5, 1909. Map, photos.

Buchanan, Keith
1970 The transformation of the Chinese earth, New York and Washington, Praeger Publishers; London, G. Bell \& Sons, Ltd. 336 pp .

Yi: 1958 visit to Yi Commune in Yunnan, general description of agriculture, industry, health, and
schooling (p. 168).
Bunchuai Sisawat: see Srisawat.
Bunnâag, Suraphong

1963
Chaaw khã (Hill peoples), Bangkok, Sǎnnákphim Kâaw Nâa. 253 pp.

Lisu: Visit to Doi Laan, Mae Suaj district in Chiangrai Province. Descriptions of dress, names (which Bunnaag believes sound Japanese), origin, distribution, housing, spirits, New Year, courting. He notes that they often live in same villages as Lahu, and that Lisu women work harder than men (pp. 77-111).

Lahu: Visits to Doi Jo Lo and Doi Paa Khaa, Fang district in Chiang Mai Province. Descriptions of dress, names, courting, marriage, New Year. Like the Akha, they seldom bathe, due to fear of water spirit (pp. 183208).

Akia: Visit to Seen Jai, Mae Chan district in Chiangrai Province. Dress, food, courting, marriage, dances, New Year, spirits. Women work harder than men. Spirit gate. Trade with Ho Chinese (pp. 15-46). Numerous photos.

Burling, Robbins
1966 "A problem in the phonology of Lahu," in Ba Shin, Jean Boisselier, and A. B. Griswold, eds., Essays Offered to G. H. Luce by His Colleagues and Friends on His Seventy-Fifth Birthday, Ascona, Artibus Asiae. Linguistics 33 , no. 2, pt. 2, Indiana University, Research Center in Anthropology, Folklore, and

Linguistics, Publication 43.
Proto-Loloish (Lisu, Lahu, Akha) and Proto-Burmish (Burmese, Atsi, Maru) derived from Proto-Lolo-Burmese. Lisu phonology apparently based mostly on Fraser (1922) (here sometimes misspelled Frazier). Read together with the review of James A. Matisoff, Language 44: 879-97 (1968).

Carey, Fred W.
"A trip to the Chinese Shan States," Geographical Journal 14,4: 378-94.

Akka are a Shan people who have lost their original language.

Lolo (Tsuan-man) fast mixing with Chinese, to whom they pay taxes. Rent land from Shan. Trade and trade routes. Superior branch includes Pu la of Mengtse and A Mi-chu, Tu la of Kai Hua, Ta T'ou of Sumao, Lo Hei of Chen Pien. Inferior branch includes Pu Tu, Woni, and Kato (all three between Mekong and Red rivers) and Ma Hei of Pu Erh and Sumao.

Carrapiett, William James Sherlock
1929
The Kachin tribes of Burma, Rangoon, Superintendent, Government Printing and Stationery, Burma. viii, 119 pp.

Lisu child-brides (p. 36). Atzi in Yunnan levy 3 squirrels per year per Lisu household for use as nat offering (p. 70).
Carriquiry, Ph.
1939 "Dans les montagnes du Kientchang," Les Missions Catholiques 71,3305: 65-66.

Lolo missionary visit.

Central Census Steering Committee, Democratic Republic of Vietnam 1960 "Official government report on 1960 census in North Vietnam," Nhan Dan 2419: 3 (Nov. 2). (English translation: Joint Publications Research Service, No. 6570, 7 pp., Jan. 13, 1961.)

Lolo number 6,898 (3,331 males, 3,567 females), $0.04 \%$ of population. Xa (a Yi subgroup) 22,500 (11,121 and 11,379), 0.15\%. Uni (Woni) 5,259 and $2,690), 0.03 \%$.

Chaffee, Frederic: see Whitaker and Shinn et al. 1972.
Chang, Chi-jen (Pinyin: Zhang, Ji-ren)
The minority groups of Yunnan and Chinese political expansion into Southeast Asia, doctoral dissertation, University of Michigan. (Dissertation Abstracts 17,6: 1308, University Microfilms order no. 21, 160.) 199 pp.

Three phases of Han expansion: cultural colonization or sinicization, Communist political conquest, implementation of regional autonomy. Table shows number of conflicts between Han and minorities (p. 4). Tibetans of Chiang group migrated east and mixed with aborigines (P'u), creating Wuman (Lolo), which itself gave birth to Lisu, Moso, Lutzu, etc. Central lake area of Yunnan: Lolo, Minchia, Nu-tzu, Lisu, Moso, etc. (pp. 39-40, 4850). Vertical distribution of tribes. Maps of Akha, Lahu, Wo-ni, Nutzu, Moso, and Liso from Tao Yun Kwai. Lists of minorities, autonomous regions, populations, and maps (from Wiens 1954, Handbook of Current Events 1955, and other sources). Centralizing forces: assimilating to Han majority, Communist Party, structure and policies of government, mass organizations and movements, inter-
locking leadership, economic development, cultural institutions, military (this section based on Hinton 1955). This dissertation is based wholly on published and secondary materials; large portions are summaries of published data; lacks details or critical approach.

Chang, Jen-kai (Pinyin: Zhang, Ren-gai)
1952 "The minority races of South Szechuen," China Monthly Review 122,4: 361-64.

I: 300,000 I have representatives in governments of Obien, Mabien, and Leipo hsien. There are 400 I enrolled in 8 primary schools; 7,000 treated medically. Branches of State Trading Company and People's Bank. Conference of 13 tribes guaranteed to plant rice instead of opium. Addicts treated. Mutual aid teams organized. Cháng, Lúng-chìng, Shī Huaí-rén, and Yú Dé-jùn "Sì chūan shěng léi mǎ é pińng diao chá jì (A record of the investigation of the Lei-po, Ma-pien, 0 -pien, and Ping-shan districts of Szechuan), " Zhōng gúo xīi bù kē xúe yuàn tè bìe dì yí hào (West China Union University Bulletin), Special Issue Number 1.

Chang, Sen (Pinyin: Zhang, Sen)
1959 "China's national minority areas prosper," Peking Review 26,21: 8-11.

Lisu established agricultural cooperatives in 1956, communes in 1958. They had 14 factories and mines in 1956, 612 in 1958.

Yi slaves freed 1957. Grain yield in Liangshan was 70 jin per mou before Liberation, 300 in 1958. By 1958, 8 middle schools with 2,566 students, 595 primary schools
with 46,583 pupils, 65 hospitals and health centers. Chao, Wei-pang (Pinyin: Zhao, Wei-bang)

1950 "A Lolo legend concerning the origin of the torch festival," Studia Serica 9,2: 95-104.

Lolo legend says the festival held on the 24 th day of the 6th moon is held to offer sacrifice as payment to heaven for the life of its rent-collector killed by Lolo. But it is primarily a buckwheat harvest festival. Also observed by P'o-jen, K'u-ts'ung (who observe it as New Year's), Chuang and Yao of Kwangsi, Chinese in Yunnan and southeastern Sikang, etc.

Chao, Y.-r. (Pinyin: Zhao, Y.-r.)
1943 "Languages and dialects in China," Geographical Journal 102: 63-71.

Lolo-Moso group includes Lolo (and Lisu) and Moso (and Lahu and Nashi).

Chariwan, Suthep
1970 'Hill tribesmen and modern civilization," Bangkok World, July.

Akha, Lahu, and Lisu population, difficulties of government administration because of nomadic habits, limited contacts with lowlands, limited knowledge of tribesmen about Thailand and its government. Visits of tribesmen to Bangkok.

Charria, Sylvain
"Les inscriptions lolo de Lou-k'iuan," Ecole francaise d'Extrême-Orient, Bulletin 5: 195-97.

Lolo: This inscription mentioned in Siu yun nan
t'ong tche kao. Photo does not include Chinese
inscription next to it. Inhabitants say it dates from reign of Hong-wou (1368-98). There is a second (possibly more) inscription nearby. See Chavannes 1906.
Charusathira, Prapas
1965 "Thailand's hill tribes," United Asia 17: 388-93. (Reprinted in Thai and English, 1966, Bangkok, Ministry of Interior, Department of Public Welfare, Hill Tribe Welfare Commission.)

Akha, Lahu, Lisu: Border Patrol Police has run schools for highlanders since 1960. Hill Tribe Division of Department of Public Welfare has four nikhom (land settlement projects) to develop permanency, improve livestock, marketing, health, education, tea planting (Lahu), wheat (Akha). Development and Welfare Centers with mobile teams. BPP courses for headmen. Problems: opium, granting of citizenship, land rights and obligations.
Chaturaphun, Preecha (also spelled Chaturaphand)
1970 "Introducing the dog-eaters," Standard Bangkok Magazine, May 3: 8-10, 22.

Akha: General description, Mae Chan nikhom, emphasizing different customs, such as dog-eating. Photos.
1971a "Into the domain of the kings of the dried chilis," Standard Bangkok Magazine, Feb. 21: 8-11, 23.

Lahu: General description. Photos.
1971b "Lisu- One big happy family including the horse," Standard Bangkok Magazine, Mar. 28: 12-15, 23.

Lisu: General description. Photos.
"Yun-nan (Chine). La prise de Ta-ly," Les Missions Catholiques 5,232: 542-45.

Lyssou villages extend 10-12 days south of Tsekou. Six moukoua (chiefs) named. Ferocious brigands, who in the last few years have cultivated opium, mined gold, and so trade at Ouy-si. Chinese criminals find refuge among them.
Chavannes, Edouard
1906 "Trois inscriptions relevées par M. Sylvain Charria," T'oung Pao série 2,7: 671-701.

Lolo: Chinese text found on the same rock as Lolo text copied by Charria (1905). Chinese inscription is dated 1533, therefore Lolo must be 1527-33. It gives the genealogy of Fong Tchao, a Lolo chief loyal to the Chinese, back to 1174 . Translation of section of Ming history dealing with Wou-ting (Min che 314). Map from Tien hi, by Che Fan (1817), locates some of the localities mentioned.

1909a
"Quatre inscriptions du Yun-nan (Mission du Commandant d'01lone)," Journal Asiatique, série 10, 14, 1: 5-46.

Lolo: Chinese texts and French translations of inscriptions found at: (1) Lou-leang tcheou (458 A.D.) and (2) K'iu-tsing fou (405), both funerary inscriptions of Ts'ouan (Lolo) chiefs subject to Chinese; (3) Tchaot'ong fou ( 25 B.C.?), funerary inscription of Mong Siuan; (4) K'iu-tsing fou (971) showing that Lolo had attempted to throw off Chinese domination. See 1909b, below. and Farjenel 1910.

1909b 'Note additionnelle sur l'inscription de Che-tch'eng (971 p.C.),''Journal Asiatique, série 10,14,3: 511-14.

Lolo: A corrected translation of the fourth inscription in his 1909a; the upper part of the inscription is read left to right, the lower right to left. See Farjenel 1910.

1912 "Documents historiques et géographiques relatifs à Likiang," T'oung Pao, série 2,13: 565.

A chronicle of the aboriginal chiefs of Li-Kiang. Lolo chiefs adopted "Ts'ouan" as family names.

Chazarain-Wetzel, Paul
1910 "Les populations autochtones du Yunnan," A Travers le Monde, n.s. 16,19: 145-48.

Lolo always at war. Taoists. Lin-ngan-jen have flowing pants, vests with buttons, and red turbans, and they chew betel.

Tchong-kia (T'ou-jen, "men of the earth," or Lao-pan-kia, 'habitants of the country') call themselves PouDieï.

Lissou are hunters.
Houni, Min-chia, Mosso mentioned. Photos.
Che Fan: see Soulié and Tchang 1908.
Chen, Ding (or Ting) (transliterated Tch'en in French)
1905 "Le mariage chez une tribu aborigène du sud-est du Yunnan, d'après une relation de Tch'en Ting- traduite et annotée par T'ang Tsai-fou," T'oung Pao, série 2,6: 572-622.

First-hand account of a Chinese (ca. 1651- ) married to an aboriginal girl (possible Ho-ni) in 1667.
"Account of the marriage customs of the chiefs of Yunnan and Kweichow," American Anthropologist 36: 524-47. A new translation by John K. Shryock of 1905, above.
Chen, Yin
"La-hu zu (Lahu race)," Mínzú Túanjíe no. 4: 46-48.
Lahu: 170,000 Black, Yellow, and White Lahu in Sse Mao and Lan Ts'ang, including Lan Ts'ang Lahu Autonomous Xian and Mung Lien Thai-Lahu-Wa Autonomous Xian established in 1953-54. Originally Chiang from Ching Hai, they settled in Ehr-Hai (Yunnan) in the third to fifth centuries A.D. After the tenth century, Lahu and Lahu Hpu (White) moved south to Kengtung and east to Sse Mao, while Lahu Na (Black) entered Lan Ts'ang and Shuang Chiang. Constant uprisings against oppression by higher classes (i.e. Han), including the eleven-year-long rebellions at Shuang Chiang and Lan Ts'ang. Before the liberation their development varied: some were exploited by landlords through labor contributions and loans; in southwest Lan Ts'ang they were under Tai headmen, and a primitive class system prevailed. After Liberation, depending on local conditions, peaceful negotiation or direct transition was carried out; agricultural techniques improved, irrigation, small industry, electrification, state trading agencies, better communications, educational and medical advances. Lan Ts'ang Xian had a $10 \%$ population increase 1949-59; its capital Meng Lang Pa has 10,000 inhabitants.

Chen, Zhang-feng (or Chang-feng)
$1972 \quad \frac{\text { On }}{\text { Languages Press. }} \frac{\text { long }}{\frac{\text { march }}{}} \frac{\text { with }}{\text { (First edition, }} \frac{\text { Chairman }}{\text { Mao }}$, Peking, Foreign

Yi welcomed Mao, despite their reputation for hating the Chinese, because they recognized that he was different (pp. 50-55). Map, drawing. See Wilson 1971.
Chén, zōng-xíang (or Tsüng-hsíang)
1947 "The dual system and the clans of the Li-su and Shuit'ien tribes," Monumenta Serica 12: 252-59.

Lisu of Szechuan divide patrilineal surname groups into She-tsu (twelve clans named after rats) and Maitsu (ten clans named after animals or plants), who cannot use the Chiang-tzu tree and the Yang-chiao tree, respectively, in accordance with a deluge legend.
(This dual organization has not been reported or confirmed by others.)
1947-48 "Xī käng lì-sù sừi tīan míng zú zh $\vec{i}$ tư téng zhi du (The tu-teng system of the Lisu of lowland Sikang)," Bianzhèng gōng-1un (Frontier Affairs) 6, 4, and 7.1 .
1948a "Líang-shān lưo zú xì pư bư (The genealogy of the Liangshan Lolo), " B̄̄an-zhèng gōng-lün (Frontier Affairs), 7,2.

See Dīng 1936, Dơng 1940, Fang 1945a and 1945b, Lo 1944a, 1944b, 1945a and 1945c, Ma 1942-44 and 1946, Shiratori 1957.
1948b "Luo-1ó de zōng jìao (The religion of the Lolo)," B̄̄anzhèng göng-lùn (Frontier Affairs) 7,2.
Chēng, Chāo-1ún: see Zēng Zhāo-1ún.
Chêng, Têek'un, and Liang Ch'ao-t'ao (Pinyin: Zhêng, Dêekun, and Liang, Chao-tao)
1945 An introduction to the southwestern peoples of China, Chengtu, West China Union University Museum Guidebook,

Series no. 7. 16 pp .
Lolo during Chou known as Lu , and, according to the Shu-ching, helped Emperor Wu-wang against the Shangs. Chinese call them Yi-chia or Man-chia; they call themselves No Su, I-jia, or Hei-ku-t'ou; along the Red River, they are known as Wo-li; along the Salween, Li-so; between the Salween and the Mekong, Lo-hei; in south Yunnan, A-k'a. They use armor of untanned leather. Map. Chevalier, Stanislas

1899 Le Haut Yang-tse de I-ichang fou 'à P'ing-chan hien en 1897-98, Voyage et description, Shanghai, Imprimerie de la Presse Orientale. $97+91 \mathrm{pp}$.

Lolo: Several Lolo hostages kept at P'ing-chan (p. 87). See Cordier 1907: 26-27.

Chiang, Yung: see Jiang, Yong.
Chieri, Virgilio
1943
"I Lolo Neri del Se-ciuan (Cina)," Reale Società Geografica Italiana, Bollettino, serie 7,8, no. 6: (80): 350-55.

Lolo, Black and White location, clans, and classes, tombs, marriage. Short trip near Opien.

China at War
1941
'The Lolos of Sikang," China at War 7,5: 11-23.
Lolo in southern Sikang outnumber Chinese $1,500,000$
to 800,000 . Policy of assimilation through political influence, education, and, as last resort, military force About 100 have been sent to Central Military Academy at Chengtu. Lolo depend on Chinese for salt, cloth, and
wine. General Teng Hsiu-ting suppressed Lolo uprisings for 20 years, when Lolo broke into Yuehsi, Mienning, and Sichang to free Lolo hostages. He uses old feuds and caste hatreds to divide and conquer, along with one Lolo and two Chinese regiments. Major Lin Kwang-tien, a Lolo, commanded several thousand Lolo who worked on Loshan-Sichang highway. He hopes to raise 100,000 Lolo soldiers for Nationalists and to help Lolo "catch up" with Chinese (Cf. Sun 1942).

## China Journal

1931 "A Lolo charm," China Journal 14,2: 56.
A fossil seashell with dot design including 8 triangles (equivalent of 8 trigrams); a little in water is used as medicine. Drawing.

China News Agency
1943 "School for Yunnan aborigines," China at War 10,1: 47. Kachin, Lisu, Lolo, Mosu, Lutze, Nama, Payi, and Chinese included among 200 normal school and 100 middle school pupils at Tali.

## China Pictorial

1963 "Training national minority doctors," China Pictorial 7: 14-15.

Lisu in Kunming Medical College.
China Reconstructs
1953 "The Yis of Taliangshan," China Reconstructs 2,2: 37-39.
Yi pushed into mountains perhaps as early as Han times. Of 3.4 million Yi, 700,000 live in Taliangshan. 270 chiefs were called together to sign pact of unity. In Oct. 1952, 328 representatives elected a government
council of 27 Yi, 8 Han, l Miao. Progress in agriculture literacy, education, medicine. Chaochueh, the capital, has a 700-seat auditorium, a bank, and a store; the daily market accomodates 1,000 buyers and sellers. A model peasant claims that before liberation he harvested 900 lbs. of grain a year, by 19512000 lbs., and his son earned money in town hauling stones. Photo of Wachamuchi chairman, Yi Autonomous Government. Photos.
"Communism will come flying to us," China Reconstructs 9, 12, Supplement: 36.

Lisu: A modern song.
Photograph, China Reconstructs 18, 11: cover.
Lisu: Shows Lisu studying Mao's work.
"Ex-slaves hold the gun," China Reconstructs 22, 6: 30-32.

Yi People's Regiment of People's Liberation Army formed, 1956. Photos.
"Motor highways for impossible mountains and valleys," China Reconstructs 24, 9: 44-45.

Lisu, Nu, Tulung, and Yi of Nukiang Autonomous Chou have built a road from Pikiang to Fukung and Kungshan. All five counties of the chou are now connected by roads, and $63 \%$ of the communes can be reached by truck. Grain output in 1973 was double that of 1953, and industrial production rose fivefold (mostly since 1965). Local products include lacquer, animal skins, rhizoma coptis, and fritillaria verticillata (medicinal herbs). Photos.

Chou, Tse-yu (Pinyin: Zhou, Ze-you)
1963
"The Lisu people along the Nuchiang River," China Pictorial 5: 32-34.

Lisu paid one or two antlers for a handful of salt
before the Liberation. Now, marketing cooperatives supply each town, and Pichiang, capital of the Nuchiang Lisu Autonomous Chou, has a hospital and secondary school staffed by Lisu. Photos.
Chüng-kúo ch'īng-níen pào: see zhōng-gúo Qīng-nían-bao. Chūng-kúo tso chia hsieh hui: see zhōng-gúo zuo jia xie hui.
Clarke, George W.: see Colquhoun 1883.
Clarke, Hyde
1882 "Lolo and Vei characters," Athenaeum 2: 370.
See 1883, below.
1883 "The Lolo character of western China. Abstract of a paper read Aug. 28, 1882," Report of the Fifty-second Meeting of the British Association for the Advancement of Science, London, John Murray: 607-08.

Lolo: Similarities between Baber's Lolo manuscript and $V y$ (of West Africa), with combinations like the Khita (Hittite, which resembles Moso manuscript of Gill) pointing to a common ancestry. See Terrien de Lacouperie 1882a. (Read for humor only.)
Clarke, Samuel R.
Among the tribes in South-west China, London, China Inland Mission. (Reprint: 1970, Taipei, Ch'eng Wen Publishing Company.) (HRAF AE5-7) 315 pp.

Lo-10 or Nosu entered Kweichow from Tibet. In Chinese, "lo-lo" refers to the hamper which contains the spirit of deceased Lolo (photo). Also called by Chinese "I-chia" and "I-pien," where "I" means remote, foreign, and "pien" means boundary. Black landholders, White tenants (called Black- 'bones" in Szechwan but not in

Kweichow). Often outnumbered by Miao tenants. Ancestors were two brothers, Wu-sa and Wu-meng, who struggled in the womb, hence their fondness for fighting. Coming to Chaotung Plain, they found the P'u (Yao-ren), who have left behind mounds with unhewn stones and burnt bricks. Branches of Lo-lo include Hsi-fan (north Yunnan); Li-su, Laka, and Kang-: (all north of Wuting) ; perhaps Man-tsi. In Chantung and Weining districts, Lairds have built up sizable estates by conquest or claims on land of extinct families. Land disputes frequent. Decadence: whiskey, opium, dirt. Brought under Chinese rule during Manchu, the lairds pay taxes and are continuously bringing disputes to courts. Lairds have Chinese and Miao concubines. Tenants pay nominal rents but also contribute to lairds' funerals, weddings, litigations, wars, and feuds, and also labor on lairds' land. Live on maize, buckwheat, oatmeal, never milk. Mud hovels with straw thatch. Each family has pony, 2-3 cows, few pigs, dozen sheep and goats, some fowl. Use aconite as arrow poison. Lairds have Chinese teachers and compete in civil examinations. After buckwheat harvest, thanks is given to Je-so-mo. Ancestor and hill worship: exorcist determines propitious day in the fourth month each year, an altar of rock and tree trunk is erected and a ceremony performed to keep evil spirits away. Creation. Flood story: man and three sons (Nosu, Han, Miao) saved in wood cupboard. Miao used straw boundary markers, Nosu stone; when fire came, Miao lost their land. Arranged marriage; bride capture. Bride does not revisit her parents for several years but then may
stay 2-3 years. Diseases caused by demons. At death, a pig or sheep is sacrificed in doorway to maintain intercourse with spirit. Close relatives bring a strangled fowl, distant relatives have a sheep struck by a son of the deceased. Formerly cremated (Independent Lolo still do), now buried (pp. 112-36). Vocabularies: Nosu (pp. 307-12); Chaotung and Weining Nosu by Hicks; Laka, Kangi, and Wutingchow Lisu by Nicholls (pp. 314-15). Photos. See Hicks 1910.

Review: J. W. W., 1912, North China Branch of the Royal Asiatic Society, Journal 43: 94-95.
Cochrane, Wilbur Willis
1915 The Shans, Vol. l, Rangoon, Superintendent, Government Printing, Burma.

Lahu use gourd organ (p. 26).
Akha and Lahu frequent Kengtung bazaar and speak Shan (p. 93).

Collis, Maurice Stewart
1938 Lords of the sunset: A tour in the Shan States, New York, Dodd, Mead (London, Faber and Faber).

Lishaw in Tawng Peng (Loi Lung) state. Lishaw and other hill tribes will become Burmese; a Lishaw expresses desire for bicycle (pp. 322-23). Photo (facing p. 321).

Colquhoun, Archibald Ross
1883 Across Chrysê, Being the narrative of a journey of exploration through the South China border lands from Canton to Mandalay, 2 vols., London, Sampson Low, Marston, Searle and Rivington. (French translation by Charles Simond, 1884, Autour du Tonkin, La Chine méridionale de Canton à Mandalay, 2 vols., Paris et Poitiers, H. Oudin.) 420 + 408 pp.

Lolo: Translation of manuscript on Miao-tsen by George W. Clarke (c. 1730) (cf. Bridgman 1859, Cordier 1907: 7-8, Playfair 1876). Lolo wear hair in hornshape. Their habitat called "The Devil's Net." in 221 A.D., a Lolo named Chi-ho helped Marquis Wu defeat Mong-hwo and conquer Yunnan, for which he was made Prince of Lo-tienkwoh (near Ta-ting-fu), which is now divided in $48 \mathrm{sec}-$ tions, each with a chief, and 9 head chiefs who live at Ta-ting-fu. If a chief dies, first wife may assume chieftaincy until a son is of age (2: 300-02). Colquhoun did not find the Lolo "horn" nor felt cloak, and White (Pei, Pe) were superior to Black (Hei, He). Hwa Lolo are probably a subdivision of White. "Man-tzu'" probably refers to Lolo, but is loosely used (2: 302-03). Chinese are contemptful and coercive toward the Lolo, corrupting them with customs such as foot-binding. Near Meng-hua, White Lolo women are married to Chinese and very Chinese in appearance ( $\underline{1}: 228,341$; 2: 168, 297). Lolo raid and kidnap Chinese. They cultivate opium but do not smoke it (2: 298, 307-08).

Li-ssu (Lissou, Le-su, Lo-su, Ngo-su) "are the wildest of the hill-people of Western Yunnan." They are of the same stock as the Lolo, and their language is close to Burmese. They hunt musk-deer with dogs and hunt vultures with decoys (2: 309-10). Lissu, Lolo, Hwa Lolo, Hei Woni, Po Woni: sketches.
"On the aboriginal and other tribes of Yunnan and the Shan country," Anthropological Institute of Great Britain and Ireland, Journal 13,1: 3-4.

Li-ssu, Lolo, Si-fan, and Burmese languages similar. See also 1883.

1885
Amongst the Shans, London, Field $\mathcal{G}$ Tuer. New York, Scribner \& Welford. 392 pp.

Lolo women have high status. In the third century, Lolo had prominent political dominion in eastern Setchuen and Kweitchou.

Cook, T.
1936 "The Independent Lolo of South-west Szechwan," West China Border Research Society, Journal 8: 70-81. Lolo: Called Man Chia or I Chia by Chinese, call themselves Hei or Pai Ku T'ou (Black or White Bones). Black Bones are lairds. White Bones are Chinese subjects or serfs of the Black (three degrees of serfdom). Giles thinks their writing is of Chinese origin, some 2,000 years old. Lolo mentioned by Chou Kung in 1122 B.C. White Bones only go back to Ming, when General Cheng Ke Ching was exiled in 1368 to Yuehsi (ancient Szechwan), where his descendants still rule. New Year, foods, dress, marriage, divorce. Cremate dead, remains are covered with stone and brush and not revisited. Branches kept as idol in house. In September 1926, Black Bones attacked frontier. Photo of letter calling for rebellion. Chinese and White Bones drove them back and peace pledges were made over a sacrificed ox, whose hide is saved as a token. Coolidge, Harold Jefferson, and Theodore Roosevelt Three kingdoms of Indo-China, New York, Thomas Y. Crowell Company. 331 pp.

Lolo number 10,000-20,000 in Laos and Tonkin. They have assimilated to the Thai (pp. 303-05, 320).

Kako (Akha?) women wear cloth caps with long silver earrings, near Paka village on the Chinese border (p. 125). Sketch.
Cooper, Thomas Thornville
1871 Travels of a pioneer of commerce in pigtail and petticoats, London, John Murray. (Reprint: 1967, New York, Arno Press.) 475 pp.

Leisu north of Weisi are Chinese Buddhists, have Chinese schools, and include some recent Christian converts. Some are subordinated to Mooquor and Ya-tsu chiefs. Near Weisi, Cooper saw many burnt houses due to rebellion, and was attacked by dogs and the Leisu.

Lu-tsu occupy a fifty-mile strip between the Lantsan and Nou-kiang rivers. They raise no crops, but depend on hunting and predation on neighbors. They pay no tribute to Chinese (pp. 310-11),

Moso are fast losing their identity and becoming merged with Ya-tsu, whose chief governs them. They use Chinese language. Dress (pp. 312-13).

Ya-tsu look Chinese, grow opium.
Cordier, G. 1915-16
"Le Yunnan," Revue Indochinoise, n.s. 24,11-12: 403-36; 25,1-2: 99-134; 25,5-6: 371-98. (Reprint: 1928, La province du Yunnan, Hanoi, Le-Van-Tan. 573 pp.)

Lolo (Ts'ouan): 21 divisions, locations listed (pp. 375-76). Li-so and Kou-tsong included under Tibetan. Lolo of Black River use chicken femurs for divination. Pai Lolo may live to 180 , by which time they are abandoned. Liso will eat earth mixed with honey when hungry (pp.

378-83). Marriage and death customs. Dress.
Wo-ni mentioned.
Cordier, Henri
 T'oung Pao, serie 2, 8, 5: 597-686. (Reprint: 1907, Leide, E. J. Brill. 90 pp. Abridgment: La Géographie, Jan. 15: 17-40).

Lolo: A summary of published studies, Lolo origins, names, manuscripts, reprint of map of Ta Liang Shan obtained by Vicomte de Vaulserre in 1898. 21 family chiefs of Siao Liang Shan kept as hostages by yamen of Lei Po. Reprint of Fenouil (1862), who was a prisoner of Lolo bandits. Discussion of Lolo marriage from Rocher 1879-80; husband usually does not recognize first child as his, since wife lives with her parents until its birth.

Reviews: Madrolle 1908, Comité d'Asie francaise, Bulletin: 396.
Crabouillet
1873 "Les Lolos," Les Missions Catholiques 5, 192: 71-72; 194: 94-95; 195: 105-07.

Lolo of Su-tchuen. First human was Ou-lang, hunter and inventor of cereals, who is represented by clothing on a stick. After death, soul goes to sky and becomes a star. The whole tribe will avenge a homicide, adultery, theft of a slave. Wood tablets used for messages, marriage agreements, or calls to war. Lolo are being sinicized; this is especially evident in their clothing, which is becoming less coarse, and in their hair style, in which the horn is being replaced by the pigtail. Dress.

Shamans chase away evil spirits with chants, gestures, and drum; sacrifice cattle and sheep; the humerus of sheep is consulted by reading the number and disposition of fissures. The Lolo are divided into many independent tribes, which feud and raid Chinese and rob strangers. Women prevent large massacres. Captured Chinese are made slaves, forbidden to speak Chinese, and exchanged for livestock. Writing is probably only superstitious signs. Food. New Year. Marriage (bride-price, in some tribes fake capture). Funerals, burial with head and arms between knees, legs folded.
Cramer, Carol J.
1970 Bibliography on the Lisu, Bangkok, Battelle Memorial Institute, Thailand Information Center. 25 pp.

Lisu: About 50 entries.
Credner, Wilhelm
Yunnanreise des Geographischen Instituts der Sun Yat Sen Universität, Allgemeine Reisebericht 1.

Lisu going to market; diversity of crops; freedom of Lisu women (pp. 24 ff .).
1935a Cultural and geographical observations made in the Tali (Yunnan) region with special regard to the Nan-Chao problem, Bangkok, The Siam Society. (Translated by Erik Seidenfaden.) 20 pp .

Lisu agriculture said to be adaptable to many soils, slope steepness, and exposition. Winter crops include barley, wheat, opium; summer crops are maize, buckwheat, kaoliang, millet, rice.

Crider, Donald M.
1963 "The work among Kachins, Lisus, and Nagas," in Maung Shwe Wa, Genevieve Sowards, and Erville Sowards, eds., Burma Baptist Chronicles, Book 2: 367-82, Board of Publications, Burma Baptist Convention.

Lisu first baptized in 1902 at Myitkyina by Geis (p. 372).

See Maung Shwe Wa 1963, Saw Aung Din and E. E. Sowards 1963.

Croizier, Marquis de: see Biet and Croizier 1877.
Cultural and Education Section, Mabien Xian, Szechwan
1958 'Liangshan's Yi nationality people learn to read the Han language," Gūang-míng rī-bào, Dec. 15. (English translation in Survey of China Mainland Press, 1931: 4-6.)

Yi formerly forbidden to learn Han by slavemasters and elders, who thought it would make Yi forget their ancestors and become Han. Through mass meetings and door-to-door campaigns, the advantages of learning Han were appreciated.
Cunningham, E. R., Leslie G. Kilborn, James L. Maxwell, W. R. Morse, Harrison J. Mullett, and F. Dickinson

1933 The Nosu tribes of western Szechwan: Notes on the country and its peoples and on the diseases of the region, Shanghai, Department of Field Research, Henry Lister Institute, Supplement to the Chinese Medical Journal. (Abstract, "Epidemiology of the Nosu, Western Szechwan,

China," Nature 134: 294-95.)
Nosu blood pressure low and falls with age. Nosu diseases contrast with Chinese in frequency; whereas smallpox and tuberculosis are rare, malaria absent, and syphilis less common, leprosy is most serious. Lepers may be burnt or buried alive. Roundworm most common among children, but infantile diarrhoea is most fatal. Chronic indigestion. Few scabies. Goiter near the Yunnan border. Caries almost absent, but gum diseases almost universal; much abrasion owing to the food. The Mongolian fold occurs in less than half the population.

Review: 1933-34, West China Branch of the Royal Asiatic Society, Journal 6: 270-72.
Dai, Qing-sha: see Hu, Tan, and Dai, Qing-sha 1964.
Dassé, Martial
1974
Le problème des minorités ethniques en Asie du sud-est continentale, Doctorat d'Etat, Montpellier I. ix, 360 pp .

Minorities in Southeast Asia and China: their cultural assimilation, political integration, and roles in revolutionary wars.
Dauffès, A. E.
1906
'Notes ethnographiques sur les Kos," Ecole francaise d'Extrême-Orient, Bulletin 6: 327-34.

Akha of Muong Sing give birth in special house. Bride-price of 4-5 piastres. Deceased wrapped in white cloth, money and rice placed in mouth, chicken and rice on a plate, shaman asks spirits to allow the soul to attain "Hima-lasa," the land of the ancestors.

Ceremonial calendar.

Davies, Henry Rodolph
Yün-nan: The link between India and the Yangtze, Cambridge, Cambridge University Press. (Reprint: 1970, Taipei, Ch-en Wen Publishing Company.) (HRAF AF16-5.) 431 pp.

Lahu: Chinese establish forts to subdue Lahu, soldiers marry Lahu and grow opium. Ch'uan-lo was capital of Lahu state to 1891 ; they had driven Shan out 4 or 5 generations ago. Many Lahu have now adopted Chinese customs (pp. 89-93). Mixed Chinese-Lahu villages (p. 104). Locations (pp. 192-93 and passim). Vocabulary.

Lolo have adopted Chinese language and customs (pp. 64, 73, 79, 107). Some Lolo have adopted Shan Buddhism and Lahu dress (p. 89). Christian Lolo (p. 217). Miao driven back north by Lolo (p. 232). Lolo first learn Chinese language and adopt Chinese dress, then religion. Then women use Chinese language and dress, bind feet, then finally Lolo language is dropped, and the next generation is Chinese (pp. 250-51, 368). It is probable that in their southward migration, the Lolo mixed with Mon-Khmer peoples, producing Woni and southern Lolo; Lahu may be descendants of Lolo and Wa; Liso of Lolo and Kachin or Maru. Others have had Lolo language imposed. On the other hand, southern Lolo may have been original stock, and the northern Lolo may be mix with Tibetans (pp. 365-66). Dress and economic activities; locations (38991 and passim). Vocabularies.

Lisu live on heights, because they are militarily weak. Chinese soldiers married Lisu and became chiefs. Locations (pp. 36-37, 127-28, 391-392). Vocabulary from

Kachin Hills. Woni (Akha) locations and vocabulary (pp. 393-95 and passim). Maps, photos.

Reviews: 1909, North China Branch of the British Royal Asiatic Society 40: 116-17. H. Cordier, 1909, T'oung Pao 10: 709-13. H. Brenier, 1911, Comité d'Asiefrancaise: 44. H. L. C., 1909, Geographical Journal 33: 75. von Fehlinger, 1909, Mitteilungen k. k. Geographisch und Geologisch Wien 52: 493. C. Sainson, 1909, Journal Asiatique, serie 10, 14: 322-25. H. Brenier, 1910, Ecole francaise d'Extrême-Orient, Bulletin 10,1: 233-53.
Dawson, G. W.
1912 "The Bhamo District," Burma Gazetteer, Rangoon, Office of the Superintendent, Government Printing, Burma. (Reprint 1960.)

Lisu grow opium, practically all consumed locally. They came originally from between the Shweli and the Salween. They practice ancestor worship, grafted onto animism.
Deal, David Michael
1971 National minority policy in southwest China, 1911-1965, doctoral dissertation, Seattle, University of Washington. (Dissertation Abstracts International 32,8: 4510-11A, University Microfilms order No. 72-7334.)

Yi as a case study of cultural change and political integration. 427 pp .
De Francis, John
'National and minority policies," American Academy of Political and Social Science, Annals 277: 146-55.

List of minorities and autonomous areas in China.

Dellinger, David Whitley
1967 "Notes on Akha segmental phonemes and tones," Linguistic Circle of Canberra Publications, Series A- Occasional Papers No. 9, Papers in Southeast Asian Linguistics No. 1 .
1969a Akha: A transformational description, doctoral dissertation, Canberra, Australia National University. xi, 271 pp.
Akha lexicon, phonological components, structure rules, transformational rules.

1969b "Some comments on Akha: Its relationships and structure and a proposal for a writing system, Part $1, "$ in Peter Hinton, ed., Tribesmen and Peasants in North Thailand, Chiang Mai, Tribal Research Centre: 108-12.
Dèng, zhì-fú
1930
"Sìi-chūan xī nán $z$ hī yi zú (The foreign tribes of southwest Szechuan)," Chéng-dū dà-x́ue shì-xúe záa zhi (Chengtu University Historical Magazine) 2.
Department of Public Welfare, Royal Thai Government (see also Hill Tribe Welfare Division)
1962 Report on the socio-economic survey of the hill tribes of northern Thailand, Bangkok, Department of Public Welfare.

Akha, Lahu, and Lisu included.
Desgodins, Auguste
1872
La mission du Thibet de $\frac{1855}{\text { ' a }} \frac{1870}{} \frac{\text { d'apres }}{\text { les }} \frac{\text { lettres }}{\text { de }}$ M. 1'abbé Desgodins, par C. H. Desgodins, Verdun, Charles Laurent, Editeur. iv, 419 pp .

Lissou brigandage; pay taxes to lama of Tcha-moutong. Concerns the Société des Missions Etrangeres.

1873 'Mots principaux des langues de certaines tribus qui habitent les bords du Lan-tsang-kiang, du Loutzekiang et Irrawaddy," Société de Géographie, Bulletin, série 6, 5: 144-50.

Dessaint, Alain Y .
197la "Lisu annotated bibliography," Behavior Science Notes 6,2: 71-94.

Lisu names and their meanings, survey of the information available on their language, history, and ethnography. 173 entries.

1971b "Lisu migration in the Thai highlands," Ethnology 10; 3: 329-48.

Lisu changes in residence, the way in which a decision to migrate is reached, and what migration reveals about social structure. After an ethnographic summary, the particular case of the migration that took place in 1969 and 1970 is considered. The reasons for migration included a lack of land, disputes between households, and poor interethnic relations. The decision-making process is analyzed as consisting of three periods: a germination period, precipitating acts leading to migration, and a period of adjustment to the consequences of a decision. Also considered are the sources of information, sources of influence, and perceived alternatives. It is concluded that the Lisu social structure is based upon loose, informal, and unstable household allegiance groups, and that migration offers the opportunity to cooperate with or separate from other individuals and households within the potential social field. The allegiance groups consist of
of a number of households which cooperate in economic and ritual activities, and are based on kinship, affinal relations, or simply cooperation with an important man. Four types of migration which occur among the Lisu are defined on the basis of the number of migrants, the distance, and the permanency of change. Map.
Economic organization of the Lisu of the Thai highlands, doctoral dissertation, Honolulu, University of Hawaii. (Not available through University Microfilms.) 216 pp.

Lisu economic organization, social structure, and ethnic relations. Based on a study of the Lisu of northern Thailand, 1968 to 1970, whose economy is based upon the shifting cultivation of opium poppies, hill rice, and maize. An historical and geographic summary emphasizes the importance of migration in Lisu social and economic organization. The motivations, mechanisms, and implications of migration are discussed by means of a detailed consideration of an actual migration in 1969-70. This leads to a consideration of how the Lisu select agricultural land, their technology, agricultural ritual, systems of measurement, and cultural goals, and the means by which they mobilize labor. The following chapter examines the distribution of resources within the Lisu household and village, and the exchange relationships between Lisu and non-Lisu. It is concluded that among the Lisu, migration functions as a means of avoiding interethnic conflict and conflict within the village, and as means of reallocating labor within the multivillage Lisu community. Labor is in fact the only important manipulatable element in

Lisu economic organization. Each Lisu household has a great degree of choice in forming allegiances with other households, and certain manipulatable mechanisms exist, such as bride service and cooperative labor. The Lisu have utilized a traditional system of agriculture, usually associated with subsistence economy, to adapt to a wider money economy in which they are now inextricably enmeshed. Opium has been used by the Lisu to reinforce their core values of social equality and political anarchy, as well as to attain their more immediate goal of material wealth. The vagaries of opium yields and market prices have reinforced the value that Lisu put on labor and labor relations. It has also helped determine the quality of ethnic relations with their non-Lisu neighbors. Maps.
"Lisu settlement patterns," Siam Society, Journal, 60,1: 195-204.

Lisu village locations, population estimates, problems of ethnic identity, the difficulties of enumeration, Lisu migration into Thailand. The siting of Lisu villages is found to depend upon both physical and social factors: proximity to good opium and rice fields and to water, distance from harassing ethnic groups, proximity to markets and those ethnic groups with which a symbiotic relationship is maintained. Maps.
"The poppies are beautiful this year," Natural History 81,2: 30-37, 92-96.

Lisu ethnographic summary, opium technology, and marketing. Photos.
"Witches, were-tigers, and wat-spirits: Animism in Southeast Asia," in Alain Y. Dessaint and Ernest C.

Migliazza, eds., Anthropology and Linquistics, Dubuque, Kendall/Hunt Publishing Company: 177-78.

Lisu stories, including the origin of beliefs in spirits, beware of strangers' hospitality, and beware of non-Lisu. Photos.

Dessaint, William Y.
1963 Ethnographical survey of the Lisu in Chiangdao district, London, School of Oriental and African Studies (typescript). 112 pp .

Lisu of Thailand: settlement patterns, demographic data, ecological factors, and economic systems.
Dessaint, William Y., and Alain Y. Dessaint
1975 "Strategies in opium production," Folk 17: 153-68. Lisu. Dessirier, Jean

1923 A travers les marches révoltées ouest-chinois, Yun nan-Se-tchouen-Marches thibétaines, Paris, Librairie Plon. 316 pp.

Lolo force Chinese to retreat, rule over Chinese (pp. 40, 63). Few Lolo are addicted to opium (p. 92). Diary of a member of the Mission Legendre 1910. Photos. Devakul, M. R. Wutilert: see Hanks, Hanks, and Sharp 1965. Devéria, Gabriel

1886 La frontière Sino-Annamite, description géographique et ethnographique d'apres des documents officiels chinois traduits pour la premiere fois, Paris, Ernest Leroux. 182 pp .

Lisou (Li-sie) have lived in Yunnan since the fourth century B.C. (pp. 163-64).

White Lolo have same food, language, and taxes as

Chinese. Divine by putting wheat in water. Wooden shoulder halter for carrying baskets (pp. 138-39). Black Lolo are the highest class of aboriginals to which chiefs and administrators belong. Locations. Women bind feet, language and food similar to Chinese. New Year's sacrifices of chickens, wine. Lô-man of Ma Touan-lin, Lou-1ou of Annals of Nan-chao, Lolo-sse of Mongol Annals (pp. 140-55). Kan Lolo, Hai Lolo (Pa Lolo), Lou-wou Lolo, A-tcho Lolo, Mo-tch'a, and other groups mentioned (pp. 122-68).

Ouo-ni known by various other names (pp. 135-36). Map, drawings. See Cordier 1907: 8-11. P. Vial, missionaire apostolique au Yun-nan," Journal Asiatique, série 8,18: 356-69. (Reprint: 1891, Paris, Imprimerie Nationale.)

Lolo (Loulou or Lô-man) chief, Mong-hou, defeated in 224 A.D. by General Tchou Ko-leang. In sixth century, Lolo were divided into White Tsouan (Pe-man) in west and Black (Ou-man) in east. Language divisions: "ou" in north and "a" in south. Ngi-pa (an "a" dialect) has no $/ \mathrm{u} /$, /r/ is close to /l/; aspiration of /h/ is soft, many words pronounced with mouth closed, only 300 monosyllabes. Almost no prepositions, all complements to verbs come after subject and before verb. About 1840 signs in Lolo writing, hieroglyphic. About $30 \%$ of the spoken language cannot be written. May have originated about 550 A.D. Comparison with Miao writing. See Cordier 1907: 12.

Deydier, Henri
1954 Lokapâla, Génies, totems et sorciers du nord Laos, Paris, Librairie Plon. (Translations 1954, Lokapala: Damonen, Totems und Zauberer von Nord-Laos, Wien, Gallus Verlag. 1967, Lokapala: Demons, totems and sorcerers of northern Laos, Washington, D.C., Army Translation Service.) 242 pp.

Akha of Phong Saly include Akha Pouli, Oma, Phou Sang, and Mou-chi. Maps, photos.
Diao, Richard
1967 "The national minorities and their relations with the Chinese Communist regime," in Peter Kunstadter, ed., Southeast Asian Tribes, Minorities and Nations, Princeton, Princeton University Press: 169-201.

Theory and operation of autonomous minority areas, especially in Tai autonomous areas, which include Hani, Lahu, Lisu, etc.

Diguet, Edouard Jacques Joseph
1908 Les montagnards du Tonkin, Paris, Augustin Challamel. 159 pp. (Extracts: 1908, Revue Coloniale, Jan.: 28-37.)

Lolo mentioned in fourth-century Chinese writings as Tien (White Lolo) and Tsouan (Black Lolo). Lolo of Nam Chieu empire invaded Red River Valley in 860. According to Truong Vinh Ky, the Hac La La (Black Lolo) invaded Tonkin in sixteenth century. The White and Black Lolo, La Qua (Penti Lolo), Phu La, Lati, and Ho Nhi comprise $1 \%$ of highland population of Tonkin. Physically the Lolo are the handsomest people in the highlands: more vigorous and intelligent, but also lazy and not good
at commerce. Many smoke opium. Extensive description of costumes of the various subgroups (pp. 145-51). Photos. Ding, Wen-jiang

1935 "Cuàn wén cóng kè zi xu (Preface to the collection of Lolo characters)," Di-1̌i xue-bao (Geographical Bulletin) 2,4 .

See 1936, below.
1936 "Cuan wén cóng kè (Ts'ūan wén ts'úng k'o) (Collection of Lolo characters)," Li shi yǔ yán yán jiu sǔo, zhōng yāng yán jìu yuan (Peking, Institute of History and Philology, Academia Sinica) Special Publication 11.

Lolo (or Tsuan) writing, including a genealogy of the Tsuan family. See Chén 1948a, Dơng 1940, Fang 1945a and 1945b, Lo 1944a and 1944b, 1945a and 1945c, Ma 194244 and 1946, Shiratori 1957, Wen You 1936b.

Diringer, David
1962 Writing, New York, Praeger. (Based on 1937, L'alfabeto nella storia della civilta, Florence, and on 1948 (and later editions), The alphabet: a key to the history of mankind, London and New York.) 607 pp .

Lolo (1951 edition, pp. 141-43).
Di-xue zá-zhì
1913 "Líang-shān yí wù diao chá ji (an inquiry into Liangshan

1922 Yi affairs)," Dìzú $\frac{z a}{l}-\frac{z h i}{l}$ (Geographical Magazine) 4, 5. "Si-chūan é bīan yí-rén xìan zhòng zhī diao chá (A survey of present conditions of the Yi people of the $E$ or 0-pien border area of Szechuan)," Dì-xué zá zhì (Geographical Magazine) 13, $\underline{\text {. }}$

D'Mazure, Thomine (communicated by A. P. Phayre, with notes and comments by H. Yule)
1861 "Memorandum on the countries between Thibet, Yunan and Burmah," Asiatic Society of Bengal, Journal 30, 4: 367-83.

Among (Louts in Chinese, Guia in Tibetan), below Bonga in valley of Louts Kiang pay tribute to Chinese and Tibetans. (Yule: probably Nous of Lous of Klaproth's map.)

Lisou, also in Louts Kiang Valley, "They are said to be of very wicked dispositions" (p. 372). (Yule: north of Theng-ye-choo on Klaproth's map.)

Other tribes mentioned cannot be identified with any certainty. Map.
Documentation Francaise, La: see Menguy. 1960.
Dông, Yíng, and Xue Jìan-húa (or Tung, Ying, and Hsueh Chien-hua)
1959 "Social reforms in national minority areas in China," Rén-mín rì-bao (Peking), Aug. 15. (English translation: Survey of the China Mainland Press 2093: 13-23.)

Lisu are cited as an example of a primitive class of society. Nukiang Lisu autonomous Zhou had in 1945: 10 factories; 60 primary schools, with 3,000 pupils; and one health center. In 1958, it had 600 factories and mines, over 700 middle-school students. Illiteracy had been almost eliminated, every xian and xiang has a health center, there is a general hospital, and a surplus of grain. Dǒng, zuo-bīn (Tưng, Tsò-ping)

1940 "Cūan rén pu xi xīn zhèng (New evidence regarding the genealogy of the Ts'uan people)," Mín-zú xue -yán (Nationalities Research) $\underline{2}$.

Lolo (or Ts'uan) genealogy. See Chen 1948a; Ding 1936, Fang 1945a and 1945b, Lo 1944a and 1944b, 1945; Ma 1942-44 and 1946; Shiratori 1957.
Dreyer, June Elizabeth Teufel
1970 "China's minority nationalities: Traditional and party elites," Pacific Affairs 43,4: 506-30.

Yi. Yunnan warlord Lung Yun was a sinicized Yi. Deposed by Chiang Kai-shek, he was reinstated after 1949, and made a member of the Central People's Government Council and a vice-chairman of the National Defense Council and of the Southwest Military and Administrative Committee. His half-brother, Luttan, was also a vicechairman and was head of the Military and Administrative Committee for Yunnan. Wang Ch'i-mei, a Szechwan Yi, served on the Party Work Committee in Tibet.
1973 Chinese Communist policy toward indigenous minority nationalities: A study in national integration, doctoral dissertation, Cambridge, Harvard University. (Available from Pusey Library, Harvard University.) iv, 432 pp. Du, Bin (or Tu, Pin)
"Education for the people of Liangshan Yi nationality," Mínzú Tuánjíe (Nationalities Unity) 11. (English translation: Extracts from China Mainland Magazines 203: 3133.)

Dubernard, 1'Abbé
1873 "De Tse-kou à Ta-so (Thibet). Visite aux lyssous," Les Missions Catholiques 5,228: 498,500-01; 229: 512-13.

Lyssou villages near Tse-kou are dependent on Mouquois, Moso chiefs of Ouy-si. Submission to the

Chinese is superficial, with revolts every $5-30$ years, in which case they advise the chief by stick with cuts. About 40-50 years ago, a revolt laid waste Lan-tsang-kiang from Ye-tche to Ouy-si. The subsequent pacification was so terrible that the Lyssou were reported exterminated to Peking. In 1871, The Mouquois of Ye-tche was assassinated at Hong-pou lamasary; 2,000 of his Lyssou subjects laid waste the surrounding villages in revenge. Mixed Lou-tze and Lyssou villages. Trip to visit Lyssou chief of Ta-so, 8 days from Tse-kou; list of villages. Mou-ma (sorcerer) chases evil spirits with drum and liquor. Slaves treated as members of family. Clothes of hemp or of rich silk stolen from Chinese.
Dubernard, $l^{\prime} A b b e ́, ~ a n d ~ A u g u s t e ~ D e s g o d i n s ~$
1875 "Les sauvages lyssous du Lou-tze-kiang," Société de
Geographie (Paris), Bulletin, série 6, $10:$ 55-66.

Lyssou, Mosso, and Chinese fighting mediated by Dubernard. Mosso use Lyssou to fight feuds. Mixed Lyssou-Loutze villages. Lyssou polygamy; kidnap prisoners for slaves.
Du Halde, Jean Baptiste
Description geógraphique, historique, chronologique,
politique et physique de 1 'Empire de la Chine et de la Tartarie chinoise, 4 vols., Paris, P. G. Le Mercier. (English translation 1736, London, J. Watts.)

Li se or Li sse at $25^{\circ} 33^{\prime} \mathrm{N}$ on the frontiers of Ava live as semibarbarians in the mountains.

Durrenberger, Edward Paul
1969-70 A socio-medical study of the Lisu of northern Thailand,

Chiang Mai, Tribal Research Centre (mimeographed). Lisu cosmology, paper read at the American Anthropological Association meeting.

Analyzes Lisu spirits in terms of linguistic categories and relates these to concepts of ecology and political structure.
The ethnography of Lisu Curing, doctoral dissertation, Urbana, University of Illinois. (Dissertation Abstracts International 32,10: 5585B, University Microfilms order no. 72-12, 145.) 343 pp.

Lisu theory of disease and curing. Activities involved in curing, including a case history, the kind of data interpreted and the reasoning processes that lead a Lisu to the course of action taken. Their explanation of how diseases arise and the pantheon of spirits involved. The underlying cause-effect theory of pathogenesis shows why spirits are involved the way that they are and the reasons certain treatment is credited with curative effects. Based on fieldwork in Ban Lum, Chiang Mai Province, Thailand, from Feb. 1969 to July 1970. The theory of misfortune among the Lisu of northern Thailand, paper read at the American Anthropological Association meeting.

Misfortune, the categories of disease causation that it postulates, and the types of therapy that it implies. "The regional context of the economy of a Lisu village in northern Thailand," Southeast Asia 3, 1: 569-75.

Lisu have five economic focuses: miang (pickled tea), rice, opium, livestock, and motor roads.

1975a

1975b

1975c

1975d
"Lisu occult roles," Bijdragen tot de Taal-, land- en volkenkunde 131, 1: 138-46.

The Lisu servitor of the village guardian spirit and the shaman have a contractual relationship with the supernatural. The master of incantations and the medicine woman do not. For all four, the spirit is an alter ego. If the spirit is an aspect of the personality of the person, then that person is a witch or were-animal. "The Lisu concept of the soul," Siam Society, Journal 63, 1: 63-71.

Lisu soul may be thought of as positive and body as negative, with analogy to Yin and Yang; then a person would be in a neutral state of health and vigor. If the soul is subtracted, it must be brought back by appeal to certain spirits. After death, a soul goes to the sky (also positive) and thus becomes a spirit. "Understanding a misunderstanding: Thai-Lisu relations in northern Thailand," Anthropological Quarterly 48,2: 106-20.

Lisu ideas of obligation to reciprocate (in this case, medicine) differ from Thai ideas. Misunderstandings reinforce negative stereotypes that each has of the other. "A soul's journey: A Lisu song from northern Thailand," Asian Folklore Studies 34, 1: 35-50.

Lisu song for the recall of a soul: text and explanation.
Dussault (Commandant)
1924 "Les populations du Tonkin occidental et du Haut-Laos," Société de Géographie de Hanoi, Cahiers 5: 1-47.

A Kha (Kha Kho) live at 1,000 to 1,400 meters
altitude. Their numerous subgroups are distinguished by the women's costumes. Unlike other Kha, who are virtually slaves of the Lao, the A Kha are independent. Photos.

Xa Pho (Xa Phong) language is similar to Lolo.
Eales: See Archibald Rose and J. Coggin Brown 1911.
Eberhard, Wolfram
1942

1943

1968
The local cultures of South and East China, Leiden Brill. (Translated by Alide Eberhard.) 522 pp.

Lolo mentioned (pp. 53, 189).
Ecole Française d'Extrême-Orient, L'
1921 "Ethnographie indochinoise,": Ecole Française d'ExtrêmeOrient, Bulletin 21,1: 167-96.

Lolo data based on Lajonquiere, Bonifacy, Laufer, Dauffès, Vial, and Liétard.
Edgar, J. Huston
1934 "Language changes in West China," West China Border
Research Society, Journal 6: 258-62.
Lolo numerals.

Edkins, Joseph
1871
"A vocabulary of the Miao dialects," Chinese Recorder and Missionary Journal 3: 96-99, 134-49.

Lolo of Weining from the "topography of the prefectural city Hing-i."

Egerod, S申ren, and Inga-Lill Hansson
1974 "An Akha conversation on death and funeral," Acta Orientalia 36: 225-84.

Akha of Mae Chan district, Thailand. Comments on death and funeral customs in Akha and English translation. Basic phonology, grammar, and word list.
Eickstedt, Egon von
1944
Rassendynamik von Ostasien; China and Japan: Tai und Kmer von der Urzeit bis heute, Berlin, Walter de Gruyter $\mathcal{E}$ Co. 648 pp.

Lolo, Li-su: Distribution, physical features, history, relations and affinities with other groups, writing (pp. 162-78). Maps, photos.
Eink, $Z$.
1968 "The hidden life of the Akha: Birth, marriage and death," Standard Bangkok Magazine, Aug. 4: 8-11.

Akha highly structured society related to respect for tradition and ancestors. Gateway as symbolic barrier between human and spirit worlds.

Embree, John Fee, and William Leroy Thomas, Jr.
1950a Ethnic groups of northern southeast Asia, New Haven, Yale University, Southeast Asia Studies (mimeographed).
1950b Bibliography of the peoples and cultures of mainland South-
east Asia, New Haven, Yale University, Southeast Asia Studies. 821 pp.
Encyclopedia Britannica
1973 "Kaw," Encyclopedia Britannica 13: 256.
Enriquez, Colin Metcalf Dallas
1918 A Burmese loneliness, Calcutta, n.p. 283 pp.
Akha mentioned.

1921

1923a

1923b

1924
"The Yawyins or Lisu," Burma Research Society, Journal 11: 70-74.

Lisu distribution (especially within Burma), names (name given at birth never used), death customs (dead given money to travel over mountains and cross rivers), legend according to which they are offspring of a Chinese female and Nat Palaung. Lisu are influenced by the Chinese, but probably come from eastern Tibet and are affiliated with the Lolo. A Burmese arcady, London, Seeley, Service. 282 pp.

Lisu clan names. Map, photo.
"Story of the migrations," Burma Research Society, Journal 13.

Migrations into Burma of Mon-Khmer, Tibeto-Burman, and Tai-Chinese: speed, economic causes, British influence.
Races of Burma, Delhi, Manager of Publications. (Second edition 1933.) 98 pp .

Lisu may become Chinese and vice-versa. Lisu clan names (similar to those found in Thailand today). Photos.

Evans-Pritchard, Sir Edward: see Skipton 1973.
Fàn, Y'i-tian
1931
"Tán-tán jiang bīan gư-zōng (A talk about the River Guzong)," Yún-nán bàn-yùe-kān (Yunnan Bimonthly) 3 . Guzong, a Yi subgroup?
Fang, Jwang-You (pinyin: Fāng, Zhàng-yóu)
1945a
"Léi-bo píng-shan mo-chưan deng xian tu s̄̄ jīa pu (Genealogies of the headmen of Leipo, Pingshan, Mcchuan and other counties)," Biän-zhèng gōng-lun (Frontier Affairs) 4, 4-6.
1945b (Genealogies of nine headmen of the Man Yi Sz (Lolo district), Bian-zheng gōng-lun (Frontier Affairs) 4, 7: 20-40.

Lolo genealogies (as deep as 24 generations), years of accession, and other data on Chineserecognized chiefs.
1945c "Líang-shān lǔo zu xi pu (Genealogies of the Lo tribe of Liang Shan)," Bian-zheng gōng-lun (Frontier Affairs) 4, 9-12: 1-20.

Lolo of Liang Shan genealogies, including that of the main branch, Gu Hou Zhong. Gathered May 1939. See also Chén 1948a, Dīng 1936, Dơng 1940, Lo 1944a, and 1944 b, 1945a; Ma 1942-44, 1946; Shiratori 1957.
Farjenel, Fernand (avec notes de Chavannes et Senart)
"Le serment des 37 tribus Lolos," Journal Asiatique, 10 série, 15, 3: 574-84.

Lolo: A translation of the Chetch'eng inscription differing from that of Chavannes 1909a and 1909b, concerning Chinese pacification of Lolo chiefs.

Fei, Hsiao-tung (Pinyin: Fei, Xiao-dong)
1951-52 "The minority peoples in Kweichow," China Monthly Review 121, 6: 289-94; 122,1: 54-63.

I: 1.5 million, including 100,000 in Kweichow. T'ussu headman system instituted by Han; positions of three T'ussu in Kweichow canceled by Ming; two reinstated without real power by Ch'ing. After 1949, "most of the T u Mu (Lolo headmen) became bandits" (p. 57). Although land rents were only $10-20 \%$ of harvest, tenants were exploited by landlords in other ways. Now they have stopped excessive exploitation. In Liang Shan, slave labor still exists. Outside this mountain redoubt, Han landlords acquired Lolo land and exacted rents in labor or in kind. Photos, sketches.

1952 "China minority nationalities," Far Eastern Economic Review 13,3: 89-91.

Old Yi feuds ended. Regional autonomy, economic development.
Fei, Hsiao-tung, and Lín, Yâo-húa (Pinyin: Fei, Xiao-dong, and Lín, Yâo-húa)

1956
"A study of the social nature of the minority nationalities," Rén-mín Ri-bao, Aug. 14. (English translation: Current Background 430: 18-25.)

Yi of Ta Liang Shan cited as an example of slavelevel society. Castes included Black Yi ( $15 \%$ of the population), serfs who owned slaves, serfs, and slaves.

Feingold, David
1968 "Networks of identity; Ethnic designations and kin groupings among the Johgwo Akha of northern Thailand," Abstract, Proceedings of the VIIIth International

Congress of Anthropological and Ethnological Sciences, Tokyo and Kyoto.

1973c

What kind of Akha are you? paper read at the American Anthropological Association meeting, New Orleans. The politics of space: Field allocation among the Akha of northern Thailand, paper read at the Association for the Advancement of Science meeting, Boston.

Akha: The greater the percentage of women and children in the household work force, the greater the tendency to emphasize opium production. Consensual settlements in Akha law, paper read at the American Anthropological Association meeting, San Diego. Minorities in Thailand: A comparative perspective, paper read at the Association for Asian Studies meeting, Chicago.
The well-done medium: Trance performance in Akha society, paper read at the American Anthropological Association meeting, New Orleans (to be published in a collection edited by Vivian Garrison and Vincent Crapanzano).

Akha spirit medium is self-selected diagnostician. Validation of her role is examined in interaction with the audience during her trance.

On knowing who you are: Intra-ethnic distinctions among the Akha of northern Thailand, paper read at the IXth International Congress of Anthropological and Ethnological Sciences, Chicago (to be published in David J. Banks, ed., Changing Identities in Modern Southeast Asia (World Anthropology), Chicago, Aldine Publishing Co.). bility among the Akha of northern Thailand, paper read at the American Anthropological Association meeting, Mexico.
Feng, Han-yi, and John Knight Shryock
1938
"The historical origins of the Lolo, 'Harvard Journal of Asiatic Studies 3: 103-27.
"Lolo" first appeared in Yuan period, soon identified with "lulu" (eastern Ts'uan barbarians, fifth to ninth centuries) ; possible derivations of "Lolo" reviewed. Nan-chao Yeh-shih (Ming) lists 11 Lolo tribes subject to Nan-chao. History of An clan of northwestern Kweichow (based on Tu-shih fang-yu chi-yao, 1624-80, and Yen-chiao chi-wen by T'ien Ju-ch'eng, 1560). Man-shu indicates Lolo are eastern Ts'uan, but not western; it says they cremate their dead, and keep the ears in vases. Eastern Ts'uan area of Ssuch'uan rose in revolt in 1723-25, when direct Chinese administration was forced upon them. Independent Lolo of Chien-ch'ang Valley early came under influence of Chinese, because it was an important route, but those of $\mathrm{Ta}-1 \mathrm{liang}$ shan remained independent until almost the end of the Ch-ing period, despite attempts to subdue them in 1723-35 and 1796-1820. Ch'ou Ta-wu freed thousands of Chinese captives in 1870. Chao Ehr-feng built a road and some garrisons in 1909, prohibited slavery, and established Chinese administrative districts.

Fenouil, Jean Joseph
"Missions de la Chine. Extrait d'une lettre de M. Fenouil. . . ," Annales de la Propagation de la Foi

34: 319-34. (Reprinted in Cordier 1907: 43-51;
English translation in Baber 1882: 118-24.)
Y-Jin are administered, but Man-Tse of LeangChan have never been subdued. On the way to visit there in 1861, Fenouil was attacked by Man-Tse, his servants killed, and kept prisoner for 48 hours.

Fergusson, W. N.
1910 'Mr. Fergusson's map of the Lolo country," Geographical Journal 36,4: 438-39, 512.

Map of southern Se-chuan by a missionary in Chengtu 1906-07. See also map of northern Se-chuan in "The Tribes of North-western Se-chuan," Geographical Journal 32, 6: 594-97, 648.
Adventure, sport and travel on the Tibetan steppes, London, Constable and Company, Ltd. 343 pp.

Lolo kidnap Chinese and rob travelers in spite of troops and blockhouses. A force of 3,400 Chinese decapitated several Lolo slaves in retaliation, but fled in fear from real battle. A few weeks later, John W. Brooke entered Lololand and was murdered by A-heo tribe (?). Lolo cremate dead, bury ashes in jar, write name on paper and place in basket; a great price is paid to retrieve body of dead Lolo. In l0th month, a great fair is held and ponies raced. Women have high status, especially in stopping quarrels. Nosu are originally inhabitants of Assam, driven north by Bengali. Of same stock are Corean and ancient Japanese, certainly not Tibetan. Old Lolo capital is southeast of Chingchi hsien. Based on travels with
C. H. Meares and J. Brooke, 1907-08. Map, photos.

Février, Janes Germain
1948 Histoire de l'ecriture, Paris, n.p. Lolo (pp. 82-83).
Fides Agency
1942 "Un peuple non-chinois en Chine: les Lolos," Les Missions Catholiques 74, 3364: 168-71.

Lolo character, costumes, classes, slavery, kidnapping. Photos.
Fitzgerald, Charles Patrick
1941 The tower of five glories, London, The Cresset Press. 280 pp.

Li Su is one of the largest, most scattered tribes in Yunnan, found west and northwest of Min Chia, whose markets they sometimes frequent. Rarely cultivate rice. Lolo means "basket" and is loosely applied to any non-Han, e.g. those southeast of Ta Li in Ting Hsi Ling range may actually be Lisu.
Flatz, G., C. Pik, and S. Sringham
1965 "Haemoglobin E and B-thalassaemia: their distribution in Thailand," Annals of Human Genetics 29,2: 151-70.

Correlation of HbB prevalence to occurrence of malaria and to fertility in women.
Flatz, G., and S. Sringham
"Glucose-6-Phosphate dehydrogenese deficiency in different ethnic groups in Thailand," Annals of Human Genetics 27,4: 315-18.

Deficiency of G-6-PD correlates more with incidence of malaria than with ethnic affiliation.

Limitations and value of C-6-PD in genetical studies of migration.

Fletcher, H. G.
1927
Tengyueh: Route book of travels in neighbourhood, Hints for travellers, Market day dates, and notes on Yunnan pronunciation, etc., Shanghai, Statistical Department of the Inspectorate General of Customs, China, The Maritime Customs. III. Miscellaneous Series: No. 36. 162 pp .

Liso ( p .42 ). Liso-Kachin Village ( P .49 ).
Lisaw of Su-tien (P. 61). Flowery Lisaw of Pajao (Hua chiao ho) (P. 63). Map.
Fleurelle, de
1910
"La legénde du déluge chez les Lolos," Société de Géographie de 1'Est, Bulletin 31,4: 254-55. (Reprinted in 1911, Revue Indochinoise avril: 400-01; 1911, A travers 1e Monde 17: 79.)

Lolo legend tells of three brothers warned of coming flood by an old man who tells eldest to build a boat of iron, second to build one of copper, and youngest one of wood. Youngest brother and his sister survive. To determine whether they may marry, they roll rocks from opposite sides of valley to see if they meet. De Fleurelle was a member of d'Ollone's expedition.
Forrest, George
1908 "Journey on upper Salwin, October-December, 1905," Geographical Journal 32: 239-66.

Lissoo: Forrest was a botanist who accompanied
consul George Litton on his expedition up the Salween from Tengyueh. The map is probably erroneous, and they probably did not get further north than $26^{\circ} 45$ ' N . The Southern Lissoo marry Chinese and are nominally under Chinese control. They are called Han-ti or Hanjen to distinguish them from the wild northern Lissoo. Forrest passed through several Lissoo villages, including one with 90 houses. He met a shaman who had led a rebellion against the Chinese. The Lissoo raise maize, hemp, tobacco, buckwheat; they make fermented drinks from millet and maize. They worship spirits, especially ancestral. He believes they are undoubtedly from southeastern Tibet. Map, photos. "The land of the crossbow," National Geographic 21: 13256.

Lissoo ox hide shields. Trade. Forrest witnessed a dispute between two villages over the theft of some maize. Map, photos.
Franck, Harry A.
1925 Roving through Southern China, New York $\&$ London, The Century Company. xxi, 649 pp.

Nosu or I-bien called "Lolo" because of basket in which they keep dead souls. They now bury rather than cremate. Fine-featured Nosu are lords who sometimes mistreat their Chinese and Miao serfs and slaves. Photos.

François, Charles
1904
"Notes sur les Lo-1o du Kien-tchang," Société d'Anthropologie de Paris, Bulletin et Mémoires, 5e série, 5: 63747.

Lolo hate Chinese. Lolo distribution, divisions, customs, dress. See Cordier 1907: 83-84.
Franjola, Matthew
1972 'Have cheroot, will travel," Far Eastern Economic Review 76,15: 12-13.

Akha and Laho fight in the Kokang Brigade of the Shan State Army, Burma.

Fraser, James Outram
1922 Handbook of the Lisu (Yawyin) language, Rangoon, 108 pp. Superintendent, Government Printing, Burma.

Lisu language study, based mainly on Tengyueh and Myitkyina areas. Fraser recognizes six tones and provides a good morphological description and extensive vocabulary. Brief but good ethnographic introduction.
Fraser, James Outram, trans1ator
1938 The New Testament in Hwa Lisu, Hongkong, China Bible House. (Various reprints.)

Frascr was a Protestant missionary whose script is still used by Christian Lisu. For his biography, see Taylor 1944.

Fu, Mao-ji (or Mao-chi)
1944a Phonetics of the Lolo language in the Taliang mountains, Hsichow, n.p. 20 pp.

Lolo distribution, writing, dialects, phonetics.
1944b Sikang I-yu hui-hua (Sikang Lolo conversation), Sichang, n.p.

Lolo of Ta-1iang mountains language study.
1945a
A study on the Lolo manuscript Sii-zeu-bo-pa, 'The origin of the gods," from the Taliang Mountains,

Hsichow, Huachung University Monographs on Chinese Studies series II, no. 1. 58 pp.
A study on the Lolo proverbs in and near the Taliang mountains, Hsichow, n.p. 15 pp .

Lolo arbitrators base decisions on 16 proverbs, which are reproduced here in Lolo characters, phonetic, literal, and free translations (into Chinese). "The Lolo kinship terms as affected by sex of the speaker," Asia Major, n.s. 2,1: 68-70.

Lolo of Ta liang shan males use $E B, Y B, Z$; while females use $E Z, Y Z, B . \quad Y B$ or younger generation are called by name given 5, 7 , or 9 days after birth; EB and elder G are called by "style" given when a person begins to speak (nickname?). Widow cannot refuse to marry in H's family, unless she can repay bride-price even if she must marry HF or Hs (by another wife). "Written languages for China's minorities," People's China 3: 25-31.
Fürer-Haimendorf, Christoph von
1968
Gaide, L.
1903 "Notice ethnographique sur les principales races indigènes de la Chine méridionale (Yun-nam en particulier) et du nord de l'Indo-Chine," Annales d'Hygiene et de Medicine Coloniales 5: 449-94. (Reprinted 1905, Revue Indo-Chinoise, n.s. 3, 10-11: 707-16, 787-93.)

Lolo near Sse-mao include Nissou, Lohè (when sinicized called Ouang Lolo, when independent called

Ya Lohè, and includes the La-hou "clan"), Siang-Tan Hé-lou-jen (completely sinicized). Marriage entails bride-price ( 5 tael silver) or service ( 3 years). Dead buried with silver in mouth, in favorable place, with stone raised in front and name inscribed on it. Son uses blood of finger to write parents' names on board in Lolo characters. Boards kept 3 generations, then burned. I-pou (tablets) are venerated for 3 days after death, then lst and 15 th of each month and anniversary days in 3rd and 10th months. They are kept in bamboo baskets. In eastern Yunnan, orchid stems of 7 or 9 knots are used instead of tablets. Rather than a religious system, they have superstitions, bons, bad spirits. Writing, originally ideographic but now phonetic, used for religious manuscripts. Reads top to bottom, left to right. Village chiefs usually literate. Dress. Unmarried women wear one hair-tail, married two (curled around head before children, in chignon in back after having several children). Hounis include Mâbè, Pou-tou, Khado, Si-mou-lou, Lô-mi or black Houni, Pi-yo or white Houni, Peunn-jen. Distribution.

Akha or Kha probably a Houni subtribe, since they have the same origin, vocabulary and physical type. Live on right bank of Mekong. Village gates are decorated with drawings, carvings (human figures with large genitals), or head and skin of a dog holding a wooden rat. Similarities between Lolo, Houni, and Akha are noted (pp. 477-80). Lolo group is gradually migrating southward (pp. 487-88).

K'ou-ts'ong-jen caravans visit Ssemao (pp.48487). Map.

Garnier, Francis
1873
Voyage d'exploration en Indo-Chine, 4 vols., Paris, Hachette.

Lisu illustrated wearing roughly-made skin clothing. Language said to be close to Melam.

Lolo vocabulary from Yuen-kiang; vocabularies of Kato, Mantze, and Kho (2: 509-16).
Gao, Shou-sui
1960 "The Lagu of Yunnan," Minzu Hùabào 3: 20.
Lahu before Liberation kept rough records on wood or bamboo. After 1949, a written language was created, 1,500 teachers trained, and 56,000 youths enrolled. Since $1958,30 \%$ of the young population $(26,000)$ have become literate. Photos (by Wang Yao-zhi).
Geddes, William
1965 "The hill tribes of Thailand," SEATO Record 4,6: 16-21.
Akha, Lahu, and Lisu mentioned. Based on four mimeographed lectures presented at the SEATO Seminar on Community Development, Bangkok, July 23, 1965.

Geis, G. J.
1912
'Exogamy among the Lisu tribe," Census of India, 1911, $\underline{9}$ (Burma): 153, Rangoon, Superintendent of Government Printing.

Lisu clan names and marriage customs.
Geographical Journal
1909 "J. W. Brooke," Geographical Journal 33, 2: 222-23. Died in Lisu country, 1908.

George, E. C. S.
1915
"Ruby Mines District," Burma Gazetteer, Rangoon, Office of the Superintendent, Government Printing, Burma. (Reprinted in 1961.)

Lisu settled in this district shortly after its annexation by the British. Coming from China, they selected the highest altitudes for their "wasteful energies," causing formation of treeless savannas. During the previous 10 years, they were forced to adopt other means of livelihood: potatoes (introduced by the British), terrace paddy (borrowed from the Palaung) (pp. 44-45).

Gill, William John
1880 The river of golden sand, 2 vols., London, J. Murray. (Condensed by Baber in 1883.) 332 pp.

Lisus, Lusus, or Lissaus.
Gjessing, Gutorm
1957 "Chinese anthropology and New China's policy towards her minorities," Acta Sociologica 2,1: 45-68.

Yi newspaper now published. Map.
Goré, Francis
1939
Trente ans aux portes du Thibet interdit, 1908-1938, Hongkong, Maison du Nazareth. 388 pp.

Lissou language is affiliated with Lolo, but White and Flowered Lissou have been influenced by Chinese.

Gould, Charles
1885
Mythical monsters, London, W. H. Allen. (Reprint: 1969, Detroit, Singing Tree Press.) 407 pp.

Lolo: Three figures, one with Lolo characters
from manuscript of J. Haas (pp. 256-58). See Cordier 1907: 33.

Goullart, Peter

Forgotten kingdom, London, John Murray. 218 pp.
Black Lolo are energetic people, "the most noble looking people I have seen in my life" (p. 115). Live at 5,000-6,000 feet in Taliang shan. Their hair is cathered through hole at the top of the turbans and hangs as a tail through which the Divine Spirit communicates with man. Dress. Localized clans, each with its prince. Nobles are warriors; all agricultural work is done by White Lolo, who are Chinese or other tribespeople. Marriage between Black and White is forbidden under pain of death. Some emancipated White have been successful as intermediaries between Black and Chinese. High status of women. Food, opium, horse fairs. Lissu quarrel with Black Lolo. Black Lissu are especially ferocious, being outcasts from Ta liang shan. Black Lissu "baroness" near Likiang. Princes of the black bone: Life in the Tibetan borderland, London, John Murray. (German translation, 1962, by Kurt Wagenseil, Die Schwarzen Lolo zwischen Tibet und China, München, Paul List Verlag.) 221 pp.

Lolo of Fulin, Dienba, and Mienning in Sikang Province. Black Lolo are aristocratic warriors, and White Lolo are serfs. Clan conflicts. Believe in one god, spirits of nature, and demons. There is no organized priesthood and no temples, but "pimo" keep written lore, diagnose diseases, exorcise demons, and
are experts in ceremonial and medicinal herbs. Many Lolo have studied or undergone military training in Chengtu and Chungking. Chinese merchants at Dien Ba are contemptful of Lolo 'barbarians," but also fear them. They barter salt, sugar, matches, thread, and firearms for wax, honey, hides, copper, and coffin planks. Poor relations of Lolo and local Chinese often erupt in fighting and kidnapping. A Lolo noble, "Koumou," was said to have been poisoned by a Provincial Army commander a few months after Goullart met him. The Army trades in opium and plunders Lolo villages. White Lolo work on Sichang-Fulin highway. Goullart was a Russian emigré employed by the Chinese Industrial Co-operatives. He regularly traveled on foot, with only a single guide, and had a knack for meeting "aristocratic" ladies whom he greeted with a flourish and a 'Mesdames." His writing conveys the feeling of the country and the people, but does not contain much specific information.
Gourdin, Edouard François
1879
"Le pays de Kien-tchang (Su-tchuen méridional)," Les Missions Catholiques 11,517: 215-18.

Lolo enslave Chinese, but these continue to advance in the valleys. Sy-fàn. Mô-so. See Cordier 1907: 73-74.
Gourou, Pierre
"Land utilization in upland areas of Indochina," in The Development of Upland Areas in the Far East, 2 vols., New York, Institute of Pacific Relations, 2: 25-
42.

Lolo of Bao Lac practice dry, permanent, intensive agriculture with plow and manure-an example that should be followed (p. 33).
Graham, David Crockett
"The Lolos of Szechwan," West China Branch of the Royal Asiatic Society, Journal 3: 108-11.

Lolo characteristics, occupations, clans, customs, religion, and sacred language.
"The Lolo of Szechuan Province, China," American Anthropologist 32: 703-05.

Lolo year begins in 10th moon; holidays in 5th and 8th moons. Sky god provides good crops, victory and blessings, and is symbolized by hair knot above forehead.

Songs and stories of the Ch'uan Miao, Washington, D.C., Smithsonian Institution, Publication 4139, Miscellaneous Collections vol. 123, no. 1. 336 pp.

Lolo are landlords of Miao (p. 35). Lolo and Miao tales: ancestral rock (p. 17), Lolo thieves (pp. 25, 231), kidnapping of slaves (pp. 29, 33, 129), Lolo and Miao fight the Chinese (pp. 30-33), Lolo and Miao immigrated together ( p .261 ). Gold and silver followed the Lolo into the Cool Mountains (p. 169), Lolo slaves (p. 165), Lolo women are efficient servants (p. 23). "A Lolo story: 'The Great God of O-Li-Bi-Zih' by Lin Kuang-tien," Journal of American Folklore 68: 175-99.

Lolo story is similar to Chinese geomantic tales: supernatural signs indicate that the emperor of a new dynasty is about to be born; the only person who knows
about it tries to bury his ancestors in a propitious place or tries to get the symbols for himself; the plan almost succeeds, but a catastrophe occurs at the last minute. The tale explains how the Lolo rid themselves of cruel Chinese oppression, and explains the reason for wearing hair in a knot above the forehead. Graham, David Crockett, translator

1931 Seven Lolo sacred books, Foochow and Shanghai. 12 pp.
Lolo: Two rain chants, five prayers for exorcising demons.

Graham, Shirley
1961 'Minority peoples of China," Freedomways 1, 1: 95-104. Yi (Nosu and Punosu) mentioned.
Graham, Walter Armstrong
1924 Siam, 2 vols., 3d ed., London, Alexander Moring. (HRAF A01-23, 24.)

Lishaw section reprinted from the 1912 edition. The Lishaw are said to be related to the Muhso (Lahu), but their customs are almost indistinguishable from those of the Yunnanese.

Gregory, John W., and C. J. Gregory
1924 To the Alps of Chinese Tibet, Philadelphia, J. B. Lippincott. 321 pp .

Lisu bandits attack salt caravan east of the Mekong. Lisu burn idols, and convert to Christianity near Weisi in 1922.

Grierson, Sir George Abraham, ed.
1903-28 Linguistic survey of India, Calcutta, Office of the Superintendent of Government Printing.

Volume 1, part 2, includes the following vocabu-
laries: Aka (Kaw) by L. F. Taylor, Lahu by Taylor, Lishaw by Taylor and Scott, Lisu by Fraser, and Lolopho by Liètard.
Grilliéres, G.
1905
"Voyage au Yun-nan et au Thibet Oriental," La Géographie 11,4: 285-92.

Lolo are degenerate, cretins, have goiter, and some cannot even speak.
Gūang, Weìi-rán
1954
A- - xì $\frac{\text { rén }}{\text { de }}$ gé (The songs of the Asi), Míng-jīan wénxúe cóng shū, Rén ming wén-xúe chū băn shè (Peking, Folk Literature Series, People's Literature Publishing Company).

A-si Yi. See Yúan 1946, 1953.
Gūang-míng rìi-bào (Kúang-míng Jìh-pào) (Peking)

1957

1959
"Wú gúo de shǎo shù mín zú jian jìe-Lǎ hǔ zú (Brief introduction to the minority peoples of our countryThe Lahu people)," Jan. 18.

Lahu in Sse mao and Lan Ts'ang special regions number 129,000. "La" derives from "tiger," and "hu" means "place where it is divided." Lahu have gradually migrated south from Tien-ch'ih, where their souls still return. Before liberation, they were exploited by headmen and landlords. Now, they have new tools, irrigation, autumn crops, fertilizers, land reform, medical and educational advances, and new towns, such as Meng Lang Pa.
"The new life of the peoples of Tibetan and Yi nationalities inhabiting Szechwan province following
democratic reforms," May 15, (English translation: Survey of China Mainland Press 2025: 28-30.)

Yi of Liangshan autonomous Zhou had a 1958 grain harvest of 650 million catties. Half the school-age children are enrolled in school. A Yi cooperative member sacrifices his life to save a lamb from a leopard.
"Hundred year old person, although physically old, her heart is red," Feb. 16.

Lahu centenarian, who suffered under the old system, was so grateful when given a portrait of Mao and a book of his quotations from the People's Liberation Army that she shouted "Long live Chairman Mao!" She has asked to be taught to read. Under the leadership of the reddest of the red hearts, she has become young again despite her age.
"Use Marxism-Leninism and Mao Ze-dong's thought to train minority nationality cadres," Nov. 22. (English translation: Survey of China Mainland Press 71-48: 117-19.)

Nuchiang Lisu Autonomous Zhou minorities cadres raise their consciousness in class struggle. 1,500 have been trained since the Cultural Revolution. Now, $90 \%$ of the leading cadres are non-Han. Lisu examples cited. 1970 food output was $21 \%$ greater than any year previous to the Cultural Revolution. "Minority nationality education in Lichiang area develops rapidly under the guidance of Chairman Mao's proletarian line of education," Jan. 29. (English
translation: Survey of China Mainland Press 72-6: 186-89.)

Yi: Hung ch'iao production brigade in Ninglang Yi autonomous xian consists of 13 teams, including 7 nationalities, and has expanded its educational programs (including the training of non-Han teachers) since the Cultural Revolution.

1972b "Emancipated serfs run schools," Oct. 9. (English translation: Survey of the China Mainland Press 72-43: 68-70.)

Yi of P'ulo commune, Put'o xian, Liangshan Yi autonomous zhou. $92.4 \%$ of school-age children attend school.

1973a "Outside cadres in Nujiang Lisu nationality autonomous zhou, Yunnan province, seriously learn the languages of the local minority nationalities," Feb. 7. (English translation: Survey of China Mainland Press 73-8: 56-57.)
$70 \%$ of outside cadres above commune level are fluent in Lisu, Nu, and/or Tulung.

1973b "CCP Weihsi xian committee in Yunnan province energetically trains teachers of minority nationalities," Mar. 23. (English translation: Survey of China Mainland Press 73-14: 58-59.)

Lisu, Nasi, Pumi live in xian. Of 635 teachers in xian, 397 are minority members (of which, $45 \%$ are women).
1973c "Children of Nu nationality grow up healthily and happily," May 31. (English translation: Survey of China Mainland Press 73-24: 105-06.)

Nu of Pichiang and Fuking xian in the Nuchiang-Lili autonomous zhou, Yunnan province, and of Kungshan Tulung-Nu autonomous xian.
Guébriant, de (See also Maitre and d'0llone 1909.)
1899


Lolo have Chinese slaves. Their battle cry often suffices to rout Chinese soldiers. The La family has been tou-sśe for 4-5 centuries. Lolo manuscripts kept by pé-mou. At market, one may see Lolo, Sifan, LiSou, Tibetan, Mo-So, Pé êul, Tchong-Kia-tsée. Based on missionary's excursion to Kien-tchang. (See Maitre and d'Ollone 1909.)
"A travers la Chine inconnue. Chez les Lolos," Les Missions Catholiques 40,2026: 164-66; 2027: 172-73; 2029: 199-203; 2030: 207-09; 2031: 221-24.

Lolo: Guébriant crossed Leang-chan with d'Ollone in 1907. 200 Chinese families live at Kiao-kio, traders in the middle of Lolo country; other Chinese fled a century ago. White Lolo (oúa tsé or ngu-ma) are serfs, Black Lolo (hé-y) are masters, tou-sśe (dze mô) are chiefs, but many Black Lolo are not on good terms with them. Photos.
Guibaut, André (sometimes misspelled Guibaud)
1937 'Marche de la Mission Guibaut-Liotard de Tali Fou, base de départ, aux marches tibétaines de Loutseukiang (Bahang)," T'oung Pao 33: 295-98. See 1938a, below. "Au Tibet par la vallée de la Salouen," Harvard Journal of Asiatic Studies 3: 312-36.

Guibaut and Liotard were probably the first Europeans to follow the Salween from $25^{\circ} 35^{\prime}$ to $28^{\circ} 30^{\prime} \mathrm{N}$ (in 1936). They report that a mandarin, his soldiers, and his servants were recently massacred by Lissou, as were earlier English and German travelers. Housing (very similar to present-day Lisu in Thailand). They
claim that all Lisu smoke tobacco pipes, but not opium (neither is true of present-day Lisu in Thailand). Map, photos.

1938b

1940

1947
1967
"Vers le Tibet par la vallée de la Salouen," La Géographie 69: 37-43.

See 1938a, above.
"Les populations du cours moyen de la Salouen," L'Anthropologie 49: 654-55.

Lissou have Mongoloid-Europoid appearance and resemble the Tibetans of Tsarong.
Ngolo-Setas, Paris J. Susse. 228 pp.
Missions perdues au Tibet, Paris, André Bonne. 267 pp .
Lissou used poison-tipped arrows. Photo shows two Lissou about to be executed for rebellion. Photos.
Guibaut, André, and Louis Victor Liotard
1941 "Les gorges de la Salouen moyenne et les montagnes entre Salouen et Mekong," Annales de Géographie 50: 180-95.

Map, photos.
1945
"Notes de géographie humaine sur la valleé moyenne de la Salouen," Annales de Géographie 53-54: 29-46.

Lissou: some live in established villages, have rice terraces, and use plows pulled by oxen. The Chinese buy skins, bear bile, and stag horn from them in return for iron goods, clothes, and silver. Ethnographic map, photos.
Ha, Bac
1964 "The Ha-nhi tribe and its ten years of progress," Nhan Dan, May 27: 2. (English translation: Joint

Ha-nhi were contemptuously called 'U-ni" by Thai in past. Ten years ago they lived in caves and went naked as a result of Thai oppression. Only 600 remained. Today there are 2,800 in Muong Te district, $77 \%$ in 8 cooperatives, and the rest in labor-exchange teams. The most stubborn hold-out was the sorcerer, who only joined a cooperative last year. They are now prospering: last year they sold 38 tons of rice and 5 tons of maize to the government, they have eliminated opium addiction, they have a militia and a theatrical troupe, they have irrigated and terraced fields, 359 can read and write. They now work together with Thai, belong to same Party cells, and even make loans of rice and maize to them. There are 99 Party members and also some in administrative posts and in the army. The executive secretary of one Party cell is a former opium addict. A woman Party member is a cripple, who works as a clerk. See Mong 1957.
Ha, Van Thu
"Historical origin of the peoples of Viet Bac
Autonomous Zone," Nhan Dan $842: 3$, June 24 . (English
translation: Joint Publication Research Service D C
198, The ethnic minorities of North Vietnam, July 1,
1958, pp. 5-7.)
Lo-10 of Cao-bang come from China.

Haberlandt, Michael

1922-23
"Ostasien," in G. Buschan, ed., Illustrierte Volker kunde, Stuttgart: Strecker und Schröder. (Bd. 2, 2 und 3 aufl.: 559-688.) (First edition 1910.) Lolo: Short summary section. The "Lisu" of Hainan are not Tibeto-Burman. Photos.

Halpern, Joel M.
$1961 \quad$ Population statistics and associated data, Laos
Project Paper No. 3, Los Angeles, University of
California (mimeographed).
Hammerton, Sir John Alexander, ed.
1922-24 Peoples of all nations, 7 vols., London, The Fleetway House. 5,436 pp.

Volume $\underline{2}$ contains photos by Scott of Akha (pp. 1061, 1064, 1072), La'hu (p. 1084), Lihsawa (p.1073); by R. J. Steele of Akha (p. 1081); by Pollard of Nosu (pp. 1330, 1334, 1335, 1336).
Hanks, Jane R.

Rite and cosmos: An Akha diary (manuscript). 72 pp .
Akha, Lahu, and Lisu north of the Mae Kok, Thailand.
1964c The Akha patrilineage, National Science Foundation, Bennington-Cornell Anthropological Survey (mimeographed). 23 pp .

Akha patronymic linkage names. Occasions for the recital of names of ancestors, heroes, and spirits.

The patrilineage is the most important institution maintaining Akha homogeneity and indicates links with Chinese culture. Comparison with lineages in Yunnan.

Hanks, Lucien M.
Maps of ethnic settlements of Chiengrai Province north of the Mae Kok River, Thailand, for 1964, 1969, 1974, with gazetteer, Ithaca, Southeast Asia Program, Cornell University.

Akha, Lahu, and Lisu villages are mapped, and information is provided on their population and headmen.

Hanks, Lucien M., Jane R. Hanks, and Lauriston Sharp, ed.

Summary of the data from the Mae Kok area of Thailand, with some afterthoughts on upland settlement patterns (mimeographed). 36 pp .

See 1965, below.
Ethnographic notes on northern Thailand, Ithaca, Cornell University, Southeast Asia Program, Data Paper 58. xi, 96 pp .

Interethnic relations north of the Mae Kok in Chiangrai Province. Some villages consist of Lisu, Lahu, and other groups, some of whom intermarry. The authors seem surprised at finding ethnic intermarriage and mixed villages, but these have been noted by travelers as early as the nineteenth century. Tale about the Lisu brother and sister who saved the world. The ethnographic map (1964), issued separately, with information on each village, is the best available for any part of the area settled by the Lolo group.

Includes the following articles: "Headmanship among the Lahu Na" by M. R. Wutilert Devakul (pp. 31-35), "The brother and sister who save the world: A Lisu folk-tale" by William H. Wohnus and Lucien M. Hanks (pp. 67-71), and "Philadelphia among the Lahu" by Lauriston Sharp (pp. 84-90). See also Hanks 1975, above.

Hanks, Lucien M., Jane R. Harks, lauriston Sharp, and Ruth B. Sharp
A report on the tribal peoples in Chiengrai Province north of the Mae Kok River, Bangkok, Siam Society Data Paper 1 (mimeographed).

See Hanks, Hanks, and Sharp 1965.
Hansen, Henny Harald
1960 Some costumes of highland Burma at the Ethnographical Museum of Gothenburg, Göteborg, Etnografiska Museet Etnologiska Studier 24. 81 pp .

Lisu costume. Photos.
Harris, George L.: see Henderson 1971b.
Hart, Virgil C.
1888
Western China, A journey to the great Buddhist centre of Mount Omei, Boston, Ticknor and Company. 306 pp . Lolo: Told by Chinese of warlike Lolo (p. 282). Haudricourt, André G.

1957-58 "Des consonnes uvulaires en Tibéto-Birman," Société de Linguistique de Paris, Bulletin 53, 1: 257-67.

Yi phonemics based on a comparison of Vial 1909 and Ma Xué-liáng 1951, both of whom note an uvular series distinct from postpalatal series. 105 glyphs with corresponding sounds noted.

Henderson, John W., ed.
1971a Area handbook for Burma, DA Pam 550-61, Washington, D. C., Foreign Area Studies, American University and Department of Army. (1968 edition edited by T.D. Roberts.)

Incorrectly considers Akha and Ekaw two different groups (p. 85). Lahu and Lisu mentioned.

1971b Area handbook for Thailand, DA Pam 550-53, Washington, D.C., Foreign Area Studies, American University and Department of the Army. (Earlier editions: 1956 edited by Lauriston Sharp, Frank J. Moore, and Walter Vella; 1958 edited by Wendell Blanchard, both for Human Relations Area Files; 1963 edited by George L. Harris and 1968 edited by Harvey H. Smith, both for American University.)

Incorrectly states that the Lisu eldest son lives with parents, while younger sons move away. (It is often the youngest married son who remains with parents, rarely the eldest son.) Akha and Lahu mentioned.
Henry, Augustine (See also Start and Wright 1936.)
"On the Lolos and other tribes of western China," British Association for the Advancement of Science, Report 765-66.

Summary of Henry 1903, below.
"The Lolos and other tribes of western China," Royal Anthropological Institute, Journal 33: 96-107.

Woni south of Red River also include Pudu, Mahe, Kado, Aka, and Piza. Linguistically similar to Lolo, but biologically different.

Pula is a dialect of Lolo near Mengtse and Yuanchiang. Pula are only 4-1/2 feet tall and may be aborigines on whom the Lolo imposed their language (as they have on the Muji, Aja, Sansu, A-ch'o, and K'uts'ung). Lolo language and script. Lolo soul seen in dreams. Soul leaves body during illness and at death, when it must be witnessed or it can become dangerous. Red cord tied about arm to retain soul. Ancestral tablets made of pieris tree wood (same as that used for the Lolo ark), thatch, bamboo (9 joints for female, 7 for male), written by priest. Three types of evil spirits: ghosts of accidental or unclean deaths, invisible demons, and "slo-ta," unusual phenomena which portend and cause disasters. They must be coaxed and threatened. Twice a year a pig and fowl are sacrificed at the worship stone near the village tree, which houses a dragon-protector. People of each surname group worship a different patriarch, who lives in the sky; they cannot touch or eat their totem. Creation and deluge legends. Songs. Some of the people whom Henry visited and took for Lolo were actually Miao (cf. Start and Wright 1936, where "Lolo" costumes he collected are actually Miao).

Review: Edouard Chavannes, 1903, T'oung Pao série 2 and 4, 5: 422-24.
Hertz, William Axel
'Myitkyina District," Burma Gazetteer, Rangoon, Office of the Superintendent, Government Printing, Burma. (Reprinted in 1960.)

Lisu immigrated into district in large numbers after British annexation. Reports of Yawyin rebellion in Yunnan in 1901-02, which was led by a shaman; Kachin and Lashi were also involved. The Yawyin are included in the figures for the Kachin (pp. 72-74, 102).
Hervey de Saint-Denys, Marie Jean Leon Marquis d': see Ma, Touan-lin Hestermann, F.
"Die nicht-chinesische Schrift der Lolo in Yünnan (Südwestchina)," Wiener Zeitschrift für die Kunde des Morgenlandes 29: 231.

Lolo writing.
Hicks, C. E.
1910
"The Nou Su people of the neighbourhood of Chao-tung in Yunnan," Chinese Recorder and Missionary Journal 41,3: 210-19.

Nou-su twin ancestors, Wu-sa and Wu-meng, came to Chao-tung plain and found the P'uh (lao ren) people. The Chinese have pushed the Nou-su across Kinsha River and into the mountains. Land quarrels frequent. Subgroups include Black (Na Su); White (Tu Su); Lake or Red, who are blacksmiths; A-u-tsi, who are feltmakers and basketmakers. Marriage by capture; bride may have to wait 10 years before revisiting her parents. Small bamboo basket contains bamboo tubes, one or two inches long, in which there are pieces of grass and wool representing each ancestor couple. Every three years the basket is burned and a new one made. Hill worship. New Year's Customs. Writings. Summarized in Clarke 1911: 114-16.

Hill Tribe Welfare Division, Department of Public Welfare, Ministry of the Interior, Royal Thai Government
1965 Facts about the Tribal Research Centre, Bangkok. 73 pp .

Objectives, opening speeches. In Thai.

1967a

1967b

1968a

1968b

Report on Buddhist missionary activities among the hill tribes in 1966, Bangkok. 53 pp .

In Thai.
The development and welfare scheme for the hill tribes in Thailand (B.E. 2510-2514), Bangkok. 68 pp.

Describes Hill Tribes Research Centre, self-help land settlements, mobile development and social welfare field units, budget allocations and estimated achievements of the development and welfare scheme, hill tribe-government relations. In Thai. How the newspapers talk about us, Bangkok.

Suwan Ruenyote and Smith Manusrudee on the selfhelp settlement shop at Tak and communication problem with Lahu and Lisu (in Thai, 19 pp.). Laiad Piboonsawat on Doi Muzer land settlement near Tak, which includes Lahu and Lisu villages; livestock epidemics, communist infiltration (in Thai, 38 pp .). Anonymous articles in English on "Undefined Loyalities," factors separating highlanders and lowland Thai, and "Languages minus Scripts: educating tribesmen poses difficult problem for government agencies" (11 pp.). Report on dissemination of Buddhism among hill tribes in northern Thailand, Bangkok. 69 pp.

Purposes and operations of Phra Dhammayak and

Phra Dhammatoute missionary teams. Names of Akha, Lahu, and Lisu volunteers for priesthood in 1967. In Thai.

In-service orientation on hill tribes, First Symposium, Bangkok.

Includes cultural summaries on Khe Lisu ( 16 pp. ), Lisu (8 pp. not clear whether these are considered two separate groups--they should not be), Muzer (by C. Audretch, C. Chaffee, J. Jen-uksorn, C. Vongburi, and K. Thong-on, 10 pp.$)$, Lahu (by B. Srisawasdi and D. Jones, reprints, 42 pp.$)$, and classification of the Lahu by S. Wongprasert (3 pp.). In Thai.
Hinton, Harold C.
1955 "The national minorities in China," Far Eastern Economic Review 19, 11: 321-25, 12: 367-72.

Minority problems and policy. 1953 census, regional autonomy, centralizing forces, limited benefits of "autonomy" or minority status.

Hinton, Peter
"Agricultural development in northern Thailand," Agricultural Credit Newsletter.

Lahu swiddening and the need for development. In Thai.

Hinton, Peter, ed.
Tribesmen and peasants in North Thailand, Chiang Mai, Tribal Research Centre. 117 pp .

Akha, Lahu, Lisu of Thailand.
See Dellinger (1969b), Kickert (1969), Walker (1975), and Wyss (1969).

Hope, Edward Reginald
"Lisu," in William A. Smalley, ed., Phonemes and Orthography in Eight Marginal Languages of Thailand (mimeographed).

Lisu morpheme types. Lisu religion (manuscript).
The deep syntax of Lisu sentences: A transformational case grammar, doctoral dissertation, Canberra, Australia National University. xi, 185 pp. (published in 1974, Australian National University Research School of Pacific Studies, Department of Linguistics, Pacific Linguistics, Series B, No. 34, viii, 184 pp.)

Lisu grammar is analyzed in terms of a base, including a set of presuppositions and a focus. The logical relations that hold between the components of the sentences are not related to their relative order, but to logical notions associated with those components; these notions are the case labels. A series of base rules and transformational rules are posited sufficient to generate all of the major Lisu surface structures. "Non-syntactic constraints on Lisu noun phrase order," Foundations of Language 10: 79-109.

Lisu order of noun phrases in a surface sentence cannot be accounted for adequately in syntactic terms. The unpredictable nature of the placement of subject and object results in ambiguity of meaning, which can be resolved only by reference to context. The constraints on the order of noun phrases are semantic and logical in character, not syntactic. Based on Hope 1972, above.
n.d.

Lisu-English, English-Lisu dictionary (manuscript).
Not seen.
Hsiao, Sidney Chihti (Pinyin: Xiao, Zhi-di) (assisted by An-chi Wong)
"A first study of the blood groups among some
inhabitants of west Yunnan," Royal Anthropological
Institute of Great Britain and Ireland, Journal 76, 1: 51-57.

Moso of Likiang similar in blood groups to Koko Nor. Min Chia of Tali similar to Hopei, Peking, Mukden. But Mohammedan Min Chia are closer to Mongolians.
Hsin, Wen (Pinyin: Xin, Wen)
1973 'Many nationalities unite against drought," China Reconstructs 22,2: 20-21.

Yi are one of the nationalities in the Kwangsi-
Chuang Autonomous Region who solved drought problems
by drilling wells. Photos.
Hsin-hua Shê: see New China News Agency (NCNA).
Hsu, Hung-pao (Pinyin: Xu, Hong-bao)
1965 "The Lisus of the Nu River," China Reconstructs
14,6: 19-21.
Lisu grow irrigated rice in Nu River Autonomous
Chou, which was established in August 1954. Photos.
Hśu, Itáng (or I-t'ang) (Pinyin: Xú Yi-táng)
1932
Les trois grandes races de la province du Yun-nan, Paris, Adrien-Maisonneuve. (Reprint 1932, Librairie russe et française.)

Translation of selection from Yun-nan tong Zhi by Wang Wen-chao (1894 edition), which itself includes
materials reprinted from some 62 earlier sources. Lolo groups include Hei (Black), Po (White, Miao, Hai (Sea), Kan (Land), Sa-mi, A-tcho, Lou-wou, Sa-wan, A-hie, Ko, Pou-la, Ta (Great), Siao (Little). Dress. Holidays. The Hei Lolo were severely "pacified" by Chinese from 1573 to 1620. The Po Lolo wrap the deceased in a wool rug, carry it on a bamboo chair, preceded by seven men, who shoot arrows in the four directions to ward off evil spirits; it is cremated, then a drum is beaten to call the soul (pp. 51-120). "Léi-bō xíng-j̀i (Leipo travelogue)," Bīan-zhèng gōnglun (Frontier Affairs) 2, 11-12.

Lolo mentioned.
Leí-b̄̄ xiao líang-shān $\frac{2 h \bar{i}}{}$ 1óómín (Leipo hsiao liangshan) (The Lolo of Hsiao Liangshan, Leipo, Southwestern Szechuan, A brief report of an investigation trip to Leipo in the year of 1940), Jĩn-1íng dà-xúe, zhōng gúo wén huà yân jiu sưo cóng kan yi zhơng (Chengtu, University of Nanking Institute of Chinese Cultural Studies, Series B). 104 pp.

Lolo of Xiao Liangshan, Leibo (Szechwan) came from Yunnan following the defeat of Yang in 1730. They retreated into the Da Liangshan, from which they raided the Chinese in 1802, 1814, and 1839. From 1875 to 1892 , they advanced into Xiao Liangshan, and by: 1917 most of the eastern portion of Leibo xian was occupied by Lolo. Their villages average 23 families. The typical house of wood, bamboo, and mud has an entrance with carved birds, sun, moon, or prayers,
under which is a wooden guardian eagle blessed by the "bí-mu" ("pen mother," shaman); opposite are goats' horns and chicken feathers remaining from propitiatory sacrifices. The house may have a kitchen on the east, a bedroom on the west, and a living room between. In the northeastern corner is a hearth of three stones, which must never be touched with the feet, as this will bring misfortune. Guests of high status are seated behind the hearth, the host on the right, and lower status persons nearest the door. Wooden utensils (including a double-lid toilet bucket), bamboo baskets, stone tobacco pipes. Staples are maize and buckwheat pancakes, bean curd, sour and dried vegetables. Rice, chicken, pork, mutton, and beef are eaten only after sacrifice. Dress includes blue or black cotton kerchiefs for young girls, and black cotton hats with ribbons for women. Women also wear earrings with complicated pendants made by Han. Skirts of four layers: white, black, red, and blue. Topcoats. At the age of 5 or 6 , a boy lets a strip of hair grow above the forehead, which is tied into a knot when he comes of age. Turbans reflect nobility by their size; white turbans for funerals. The left ear is pierced once or twice for earrings of beads, coral, amber, or silver. White or blue topcoats with multicolored lapels; blue cotton trousers. Both men and women wear ornaments on their chests: bamboo musical instruments, spice or needle pouches, charms such as boars' teeth, tiger claws, bear claws, and a red or blue cotton
pouch in which there are prayers written by the bi-mu. A large outer coat is worn by men. Hunt using dogs, poisoned arrows, or traps. Livestock raising. Both irrigated and swidden agriculture. Land may be acquired by clearing, by inheritance (father to all sons equally), leasing by slaves. Father's sister's daughter marriage preferred. Marriage is generally within one's own class, and may be within one's own clan. Marriage between generations possible. Bridewealth averages 600 to 1,000 taels of silver among chiefs, 300 to 500 among other Black Lolo, and 100 among White. When at least half the bridewealth has been paid, a bi-mu examines the two families' horoscopes for an auspicious date for the wedding (they prefer to marry when their age is of an odd number: 13,15 , or 17). After the wedding, the bride lives with her parents until the birth of the first child. Divorce is most frequent during this "waiting-at-home period." Black Lolo especially may take two or more wives. Levirate: widow marries husband's younger brother. Average Black Lolo family is 5.3 and 10 slaves; average White family 6.34. The average annual income of a Black Lolo is 8 times that of a White. Although the Black are the aristocrats and landlords, through corruption and inefficiency they have lost some political power to the White, some of whom were appointed officials during the Ching.

White Lolo, who comprise $89 \%$ of the population, are former Han who were captured and made slaves;
many of them have been able to buy their freedom. Some of them are as rich as Black, and all bi-mu, carpenters, and ironworkers are White. The free White and the slaves comprise $98.33 \%$ of the population, the Black only $1.67 \%$. There are many rules of etiquette which must be observed between castes. Warfare is announced by a messenger carrying wooden tablet, on which each family makes a notch to signify their participation. The number of notches (odd or even) on each side may be interpreted as an omen. Also read sheep's shoulder bone. In battle, they wear colorful silk and cotton costumes, with hats of woven bamboo with white and yellow cloth. They wear charms and are very superstitious before a battle. Tactics. Women usually mediate an end to wars.

On the 5th, 7 th, or 9 th day after birth, the bimu prays for the baby, cuts its hair, and gives it a name. When a daughter is 13,15 , or 17 , she goes through a ceremony performed by her parents and a bi-mu: she changes her hairdo from one to two plaits, and her skirt from two layers to four. The bi-mu chooses an auspicious date and location for cremating the dead. The bi-mü also makes a soul-plate (for honoring the ancestors) of bamboo, wool thread (red for men, green for women) wound around 9 times for men, 7 for women. A chicken is tied to it while the bi-mu recites prayers to rid it of all things unclean; it is then kept near the hearth for one or more years, until the bi-mu takes it to a cave in the mountains.

A rite for sending the spirit to heaven. Three souls: one in the toinb, one roams the world, one is reborn as a man or animal, after going through the otherworld. Spirits and propitiatory rites described. Praying for rain, prognostication, curses, oath taking, superstitions. Bí-mu ("pen-mothers') are always men, who usually inherit this office from an uncle; they know how to write and recite prayers. Shi-niang may be men or women who are possessed by the soul of a deceased shi-niang. Both bi-mu and shi-niang are White Lolo. Maps. Drawings.
Hsu, Kuang (Pinyin: Xu, Guang)
1975 "Woodcut: A liberated slave of Yi nationality criticizes Lin Piao and Confucius," China Reconstructs 24, 4: 3.
Hu, Chang-tu, et al. (Pinyin: Hu, Zhang-du)
1960 China: Its people, its society, its culture, New Haven, HRAF Press. 611 pp .

Lisu operate iron works in Yunnan.
Hu, Hsien-chin (Pinyin: Hu, Xian-jin)
1938 The four tribes of southern China, Cambridge, Harvard University Library (manuscript).

Lolo, Yao, Miao, Li: unwarranted generalizations.
"Frontier tribes of southwest China," Far Eastern Survey 11, 10: 116-20.

Nosu, Kachin, Pai-i, and Min-chia would make good fighters against the Japanese. Many are becoming assimilated by the Chinese because they join the bureaucracy. Lung Yin, the governor of Yunnan, is a

Hu, Liang-chen
1957
La société Lolo des Ta-Leang-Chan au sud-ouest de la province de Sseu-Tch'ouan, Doctorat de l'Université de Paris. viii, 551 pp.

Hu, Tan, and Dai Qing-sha
1964
'Hā-ní yư yúan-yīn di sōng-jín (Vowels with and without stricture in the Hani language), "Zhōng-guo Yuwén (Chinese Literature) 128: 76-87.
Huang, Chang-lu (sometimes Chang-1o, Ch'ang-1u)
1958a
"How the minorities in Yunnan change," Peking Review 24,17: 14-17.

Lahu: Half of the 130,000 Lahu used to live in a feudal society. Feudal land ownership abolished peacefully in 1955-56. They now produce 477 catties of grain per capita annually, compared to 100-200 in preLiberation years.

Lisu lived in a primitive communal society. They used wooden plows, with blades an inch wide. Since Liberation, they have built 60,000 mou of terraced fields on Kaolikung and Pilohsueh mountains.

Nu, Tulung, Panglung, Pulang, Chingpo, and Kawa also mentioned.

1958b 'Minority nationalities in Yunnan freed from bondage of old customs," Rén-mín rìbào, Sept. 4. (English translation: Survey of the China Mainland Press, 1859: 11-13.)

Hani and Yi of Yuankiang, who were at first hesitant to use manure, have renounced their beliefs
in spirits for the Communist Party.
"A new village on the banks of the Nu Chiang in Yunnan," Mínzú Túanjíe (Nationalities solidarity). (English translation: Joint Publications Research Service DC 860: 20-25.)

Nu and Lisu village with 134 families, dining hall, nursery, stable, old people's home. Chih-tzu lo brigade of Pi-lo People's Commune formed their first mutual aid team in 1955. Former Nu slave marvels at improvements.
" $6,000,000$ minority people in Yunnan province advance at flying speed with the help of Han people," Kunming, New China News Agency, June 11. (English translation: Survey of the China Mainland Press 2038: 35-36.)

Nuchiang Lisu Autonomous Zhou, previously the poorest mountain area in Yunnan, is now self-sufficient in grains and produces iron, steel, and tools. Author is NCNA correspondent.
"Yunnan's minority peoples on the socialist road," Peking Review 23: 22-25.

Lisu of Nuchiang Autonomous Zhou trebled grain output in 4 of 5 counties in their first 10 years, 440 households of Santai Mountain (including Chingpo and Penglung as well as Lisu) increased grain production 6 times since Liberation. Members of Sunglin People's Commune remember Kuomintang (Nationalist Chinese) raids; one in 1949 took 100 lives. After Liberation, every former slave and serf received 1.5 to 3 mu of 1 and, and every 3 households received an ox.

Huang, Tie, Yáng Zhī i-yong, and Leu Yin, ed.
1954 Ā shit max, nip., Zhơng gưo ching nían thu ban shè (Young China Publication Company).

Shan legend in Chinese. See Gladys Yang 1955a and 1955b.

Hoard, P.
1939
'L'endémie goitreuse dens la Chine du Sud-Ouest et en Indochine française," L'Institut Indochinois pour 1'Etude de 1'Homme, Bulletin 3, 1: 113-15.

Akha goiter.
Hudspith, J. Edwin
1969
Tribal highways and byways: A church growth study in North Thailand, thesis, Fuller Theological Seminary. 363 pp.

Akha, Lahu, and Lis religious beliefs and how they may be used (as highways) to further the growth of Christian churches among them.
Hutton, James H.
1962 "Lisu," Encylopedia Britannica.
Erroneous in most respects. Claims Lis belong to Haddon's "protomorphus," with Caucasian affinities. See Fürer-Haimendorf 1968.

Intharaksa, Chan
1970
"Arunjarung the Paapee (Dawn at Paapee)," Chiang Mai 10-14: 60-61.

Lis living near Pa Pace, Mae Tang district,
Chang Mai Province, Thailand. Photos. In Thai.
Investigation Group, Revolutionary Committee, Liangshan Xi Autonomous Chou, Szechwan, and Revolutionary Committee, Meiko Xian, Szechwan
'Chairman Mao's brilliant 'May 7 directive' illuminates emancipated slaves' road to running schools," New China News Agency, Oct. 16. (English translation: Survey of the China Mainland Press 71-44: 11-14.)

Yi former serfs of Walikou commune, Meiku Xian have started own school, linking education and labor for all ages to study Mao thought, cultural and scientific subjects. In 1960, Liu Shao-chi and his agents said that education had proceeded beyond economic base and chased some students out of school.

Its, Rudol'f F.
1968
Proiskhozhdenie narodov Iuzhnogo Kitaia: Ocherki etnicheskoi istorii chzhuan, miao, i itszu (The formation of the peoples of South China: Notes on the ethnic history of the Chuan, Miao and Yi). Institut etnografii imeni N. N. Mikluho-Maklaia, Akademii nauk SSSR.

Cited in Leonard H. D. Gordon and Frank J. Shulman, eds., Doctoral dissertations on China, A bibliography of studies in western languages, 1945-1970 (Seattle and London, University of Washington Press, 1972).

Izikowitz, Karl Gustav

1939

1943
"Traps from the Lamet and the Puli Akhá," Ethnos 4: 2-20.

Akha near Muong Sing use deadfall, simple snares, spring-pole snares, spear traps, and bird nets. Illustrations.
"Quelques notes sur le costume des Puli-Akha," Ethnos

8,4: 133-52.
Akha dress and ornaments described and compared to those of other Asian peoples, including Lissu. Photos.

Lamet: Hill peasants in French Indo-China, Götebgrg, Ethnografiska Museet, Ethnologiska Studier No. 17. 375 pp.

Akha mentioned for comparative purposes. Photos Jaafar, Syed Jamal: see Anthony R. Walker, ed., 1975.
Jack, Robert Logan
1904 The back blocks of China, London, Edward Arnold.
(Reprint 1969, New York, Greenwood Press.) 269 pp.
Lolo murder Chinese and steal their cattle (p. 97)
Lolo costume (pp. 100-01), housing (pp. 116, 129-30),
village and feud described (pp. 118-19), mixed SifanLolo village (p. 110). Map, photos.
Jacobs, Oma Lee
1970
Bibliography on the Akha, Bangkok, Battelle Memorial
Institute, Thailand Information Center. 45 pp.
Akha: About 80 entries.
Jamieson, C. E.
1923
"The aborigines of West China," China Journal $C_{E}$ Science and Arts 1,4: 376-83.

Lolo exorcist shuts eyes and places forefinger on page of exorcist book; the figure it falls on must be sacrificed (photograph of book). Black Lolo are the only aborigines represented on horseback in Chinese drawings. They introduced horses to Kweichow. They were appointed by Chinese to rule over White Lolo and

Flowered Ciao in third century. Chang Yong says that they were originally called Kolo from the age of that name.

Jamieson, E.
Habits and customs of the Muhsos (Black and Red) also known as Lahus, Ethnographical Survey of India, Burma, No. 3, Rangoon, Office of the Superintendent of Government Printing, Burma. 6 pp.

Lahu came from southwestern China and now inhabit Wa country, Kengtung, Trans-Salween, Mongpan, and Mongpai (Siam). They are related to Kiwis of Kengtung. Black Lahu offer to house nat every 12 days. Red Lahu offer on full and waning moon, but tinged with Buddhism. Woman has high status: customarily groom goes to live near bride's father; if woman divorces she pays 8 rupees, but if man initiates divorce he pays 15. Dress. Cremation. Ordeals: picking lead from fire, chewing mouthful of rice: guilty if grains not properly broken.
Only trade item is opium.
Jén-mín jih-pao: see Rén-mín rí-bao.
Jensen, Hans
Die Schrift in Vergangenheit ind Gegenwart, Glückstadt and Hamburg, n.p. (Third edition: 1969, Berlin, Deutscher Verlag der Wissenschaften.) 607 pp.
bolo (pp. 144-47).
"Nán-shà jinan gúo shit mo' (The rise and fall of
Nanchao)," Bīan-zheng gōng-lun (Frontier Affairs) 3, 4. Jig, Xī-chén (or Jig Syi-chén or Chi, Hsi-chêen)

Líang-shān yí zú di fei yue (The Liang Shan Yi tribe's Great Leap Forward), Peking, Kē Sywe pu jí (General Science Publishers). 138 pp.

Yi: Liang Shan Autonomous Region, established in 1955, has a population of 970,000 , of whom 706,000 are Yi. The Yi's first ancestor was Chywe Li He Gu Hou. During Chou they were called "Pù," during three kingdoms "Nán Mán," during Chin and Sui !'Lyāo." Some say that during Tang dynasty, Black Yi came from the north in search of pasture and conquered the agricultural White Yi. But according to Tang records, the Yi tribe of Nan Syao Gwo of Yunnan entered Szechwan in 671, 674-75 A.D., occupying the area around Chengtu, where they enslaved artisans and peasants. Before Liberation, the Black Yi, who comprised $5 \%$ of the population, owned $60-70 \%$ of the arable land, $80 \%$ of the slaves and provisions, $40-60 \%$ of the horses, cattle, and sheep. The slaves, who made up $70 \%$ of the population, owned $5 \%$ of the arable land and paid the Black Yi land rents in labor ( $30-80$ days a year) or goods ( $50-60 \%$ of the harvest); traditional gifts when a Black Yi married, died, built a house, or was ill; aided them in feuds; and repaid debts. Four classes of slaves: Chy̌u Nwo, who had bought freedom; An̄ Jȳa Wa Dz, who lived separately from their masters and may have had their own slaves (San Tao Wa Dz) ; and Ḡ̄o Yā, who lived in their masters' houses. Slaves took their masters' surnames. There are over 100 territoriallybased clans with elected or hereditary leaders owning
clan pastures and forests. Clans were equal in status and always feuding; a sponsor was necessary for a Yi traveling through another clan's land. The over-all headmen appointed by the Han in Yuan, Ming, and Ching dynasties were never effective. Because of poor agricultural techniques and lack of motivation, harvests were poor; opium was grown on the best land. At husband's death, a wife had to marry a relative of her dead husband. Spirit doctors were not Black Yi; they selected New Year's Day, which therefore varied from clan to clan. Calendar based on 10 months of 16 days each. Long sections on improvements since Liberation. Ji-niu-bu Ha (or Chi-niu-pu Ha)
"Chairman Mao's revolutionary line is the lifeline of emancipated slaves," Hóng-qí (Red Flag), Jan. 1. (English translation: Survey of the China Mainland Magazines 71-01: 26-33. Excerpts: New China News Agency, Peking, Jan. 15, 1971; Englísh translation: Survey of the China Mainland Press 71-03: 173-76.)

Yi: Author is former slave and head of Revolutionary leading group of Walikou cooperative, Meiku Xian, Liangshan Yi Autonomous zhou, Szechwan. His cooperative has 65 households, 248 people, power plant, brick and tile kiln, lime kiln, water mill, and new, tileroofed houses. Hailaishihku attended Third National People's Congress in 1964 as Yi representative. Revolutionary leading group was formed in 1968, during struggle between two classes, 1958-68. Sabotage by former slave owners and followers of Liu Shao-chi (1962),
who alleged that minorities are backward and special. Many quotes from Mao.
Jiang, Ding-1íang (Jyang, Ying-Lyang, or Chiang, Ting-liang)

1948a Kàng zhàn zhōng di xī-nán mín-zú (The people of the southwest during the anti-Japanese war), n.p. 43 pp . xī-nán biān-jīang mín-zú lùn-cóng (hsī-nán pién-chiang min-tsu lun-ts'ung) (Articles on border tribes in the south-west), Canton, Haǐ Ju University Press.

Yi: Article l: 'K'un-ming ching nei te I-min (The Yi people within the limits of Kunming city)," states that the Yi form a community in Kunming, despite lack of official recognition. Originally from northwestern China, they have spirit doctors, scriptures, temples to various deities, and they observe the torch festival on the 24-25th days of the 6th month. Women are free to choose husbands, do most of the work, and therefore have high status--sometimes a woman is head of the household. They love to drink.
Article 4: "(The headman system among the Hai Yi of western Yunnan)," may refer to the Pai-i or the Yi. Ten grades of headmen were established in Yuan dynasty; since the positions were hereditary, they became virtual monarchs and appointed their relatives to other positions. Administrative unit remained the village, whose chief relayed the headman's orders to the people. Article 7: "(Ju Ke Lyang and the Nan Man):" Ju is still revered today by Han and Yi for pacifying the Yi by capturing their chief, Meng Hwo, 7 times. Article 8: "(The written languages of the southwest
border regions):" during late Han, the Yi were known as Jyang, and their language as Bai Lang Wen (white wolf language).
1948b
Liáng-shān yízú di nú lì zhì du (The slave system of the Liang-shan Yi), n.p. 79 pp .

Yi population estimates, kin terms, and clans. Map, photos.
Jiang, Yong
1958 "Women of the national minorities in Yunnan make Great Leap Forward," Guāng-míng rí-bào, Aug. 21. (English translation: Survey of the China Mainland Press, 1854: 15-18.)

Hani song praises new roads and carts, which free women from heavy carrying.
Johnston, Sir Reginald Fleming
1908
From Peking to Mandalay, A journey from North China to Burma through Tibetan Ssuch'uan and Yunnan, London, John Murray. (Reprint 1972, Taipei, Ch'eng Wen Publishing Company.) 460 pp.

Liso linguistically closer to Burmese, but live with Moso in Yung-ning district. Both are contemptful of the Lolo. As noted by Orléans, these and many other groups have a tradition that they originally came from the area around Nanking (pp. 281-82, 291-92).

Lolo robbers (pp. 146, 235). Lolo struggles with Chinese (p. 120). Twenty-three Lolo families have lived at Pa-U-Rong since 1850. A few use Tibetan characters to write in Lolo. Their deities reside on mountains. Dead wear white veils and are thrown into

Yalung River. Inheritance goes to eldest son, but if there is none, one may be adopted, or the inheritance may be given to the lamas (pp. 186-90). Bonin and Vial identify Lolo with Man-tzu. T. W. Kingsmill claims that they are both descendants of Mauryas, mixed with Bod and Kiang of Tibet (pp. 273-76, 286).

Moso call themselves Lashi or Nashi (pp. 281-82). Jones, Delmos J.

1966 The tribe, the village and over-generalization: Example of the Black Lahu, Report for the National Research Council, Bangkok. 26 pp.

Lahu villages differ from one another.
Cultural variation among six Lahu villages, Northern Thailand, doctoral dissertation, Ithaca, Cornell University. (Dissertation Abstracts 28: 2242B, University Microfilms order no. 6713,916.)

Lahu villages differ from one another. Review:
Hans Spielmann, 1968, Siam Society, Journal 56,2: 295-97.
"The multivillage community: Village segmentation and coalescence in northern Thailand," Behavior Science Notes 3, 3: 149-74.

The effective social unit among the Lahu and other highlanders in Southeast Asia is a group of villages linked by history. migration, kinship, etc. Jones, P. H. M.

1966
"Civilising influence," Far Eastern Economic Review 54,7: 394-97.

Yi, Lisu, Nu, Kutsung, Tulung, and other minorities
in China developing and becoming communist. Photos.
Jui: see Ruey, Yih-fu. Jùn, Dé

1935 "Chūan-nán mǎ bīan yí-rén zhī gaì kuàng (The general condition of the Yi of the Ma border area in southern Szechuan)," Käng-zàng qían-bàng (Sikang-Tibet Pioneer) 2, 9 .
JUSMAG Psychological Operations School
1967
A target $\frac{\text { analysis }}{\text { Thailand }}$ of the major hill tribes of northern
(mimeographed). 19 pp.
Akha, Lahu, Lisu. Village locations, maps, historical background, attitudes toward government, weapons, leaders, Communist influence.
JUSMAG Seventh Psychological Operations Group
1968 The Akha tribal group in north Thailand (mimeographed). 19 pp .

Akha cultural summary. Map.
Kacha-ananda, Chob
1971

> "The Akha swinging ceremony," Siam Society, Journal 59, l: 119-28.
> Akha ceremony observed at Saen Chai, Thailand, in August 1967 . First day ancestors honored, chickens sacrificed. Second day two village swings built, also household swings for children. Third day feast on pigs and an ox. Fourth day swinging. See Urbani 1974.

Kandre, Peter
1967
"Autonomy and integration of social systems: The Iu Mien ("Yao" or 'Man") mountain population and their neighbors," in Peter Kunstadter, ed., Southeast Asian

# Tribes, Minorities and Nations, Princeton, Princeton University Press, 2: 583-638. <br> Akha, Lahu, Lisu mentioned. 

Kanthathatbamrung, Manat

1967
Assistance to the northern hill tribes provided by the Border Patrol Police, thesis, Bangkok, Thammasat University Institute of Public Administration. 154 pp.

Akha, Lahu, Lisu: differences between these cultures and Thai culture; problems with opium, nomadism and opium. Government policies toward these problems, also husbandry and agricultural promotion, security. Border Patrol Police activities in these areas. In Thai.

Welfare and management activities of Border police among the hill tribes in northern Thailand, Bangkok, Thammasat University Department of Public Administration. 89 pp.

English version of his 1965 volume, above.
Kao, Hua-nien
"Yang-wu Hāní yǔ chu-tan (Preliminary investigation of the Hani language of Yang-wu), "Zhōng-shān dà-xué xue-bào (Scholarly reports of Chung-shan University). Í-yǔ yu-fá yén-chiu (A study of the grammar of the Yi language), Peking, Scientific Publishing Company. 161 pp.

Nasu gramnar, texts, word list.
Kasemsri, M. L. Pichitwong
1973 "Muser chief gives Burmese the slip," Bangkok Post, Feb. 19: 5.

Muser (Lahu) spiritual leader Pu Caw Lon (Thai spelling: Pu Chong Luang) escaped Burmese attack. He declares war on Burmese. Photos.

See Thamsakati 1973, Thavisin 1973.
Katsura, Makio

1965a

1966a

1966b

1968a

1968b

1968c
1965b

Interim report of field research on the Akha language No. 1, Report to the National Research Council, Bangkok. 5 pp.
Interim report of field research on the Akha language No. 2, Report to the National Research Council, Bangkok. 10 pp .
"Akago no genchi chōsa yori (Notes on a survey of the Akha language in Thailand)," Tōnan Ajia Kenkyū (Southeast Asian Studies) 3, 3: 195-99.

Akha. In Japanese.
"Akago Aru isson hōgen no onso (The phonemes of the Alu dialect of Akha)',' Tōnan Ajia Kenkyū (Southeast Asian Studies) 4, 1: 122-32.

Akha. In Japanese.
"Futatabi kitatai yori - Lahu-nago no genchi chosa (Notes on a field survey of the Lahu-na language in northern Thailand)," Tōnan Ajia Kenkyū (Southeast Asian Studies) 6, 2: 211-20.

Lahu-na. In Japanese.
"Rafu-Na go no onso taikei: Rafu-Na go no kijutsu (Lahu-na phonemics - A descriptive study of the Lahuna language in northern Thailand)," Tōnan Ajia Kenkyū (Southeast Asian Studies) 6, 3: 113-37.

Lahu-na. In Japanese.
"Akago no on-in kōzठ oyobi keitai kōzō no gairyaku (An outline of the phonological and morphological structure of the Akha language in northern Thailand)," Tónan Ajia Kenkyū (Southeast Asian Studies) 6, 4: 220-40

Akha. In Japanese.
"An outline of the structure of the Akha language (Part I) - Introduction and phonemics," Tōnan Ajia Kenkyū (Southeast Asian Studies) 8, 1: 16-35.

Akha. In English.
Kauffmann, Hans-Eberhard
"Landwirtschaft bei den Bergvölkern von Assam und nord-Burma," Zeitschrift für Ethnologie 66, 1-3: 15-111.

Akha, Lahu, Lisu, Lolo, Mosso: Crops, livestock, tools, division of labor by sex. Maps.
"Beobachtungen im Lisu-dorf Tham Ngob, Nordthailand, Wiener Völkerkundliche Mitteilungen 8: 55-68.

Lisu village in Fang district, Chiang Mai Province, Thailand, housing, dress, spirits, marriage, graves. Description based on a weekend visit.
Kè, Xìang-Fēng: see Ko, Siang-feng.
Keen, F. G. B.
1973 Upland tenure and land use in north Thailand, Bangkok, Southeast Asia Treaty Organization. 172 pp.

Lahu and Lisu mentioned.
Kerr, Arthur Francis George
1923
"Report of the Botanical Section of the Ministry of Commerce, September lst 1920 to December 3lst 1922," The Record (Board of Commercial Development, Siam) 8: 8-16, 9: 3-12 (English edition).

Black Musô village of about 100 houses near
Doi Pahom Pok, Fang district, Chiang Mai Province, Thailand. Musô cultivate peaches. Their clearings are overgrown with weeds and bushes. Tiger attacking
their ponies. Musô extend as far south as $17^{\circ} 30^{\prime} \mathrm{N}$ (Tak). Map.

Kerr, Arthur Francis George, and Erik Seidenfaden
1950 "Ethnology," in Thailand, Nature and Industry,
Volume 1, Bangkok, Department of Commercial Intelligence, Ministry of Commerce.

Musso divided into Red and Black.
Lissu and Ko (Akha) photos.
Kia Tan: see Pelliot 1904.
Kickert, Robert W.

Cornell University-Bennington College Field Research Project Report (manuscript). 18 pp.

Akha, Lahu, and Lisu north of Mae Kok, Chiangrai Province, Thailand. Migrations, ethnic relations, relations with Thai Border Police, government policies, and security problems.

See Hanks, Hanks, and Sharp 1964, 1965; Hanks, Hanks, Sharp, and Sharp 1964.

The Akha of A'du, Report to the United States Army Advanced Research Projects Agency, Research and Development Center, Thailand. 50 pp .

Akha of $A^{\prime} d u$ village, Mae Chan district, Chiangrai Province, Thailand. Interim field research report. Demography, surname groups, village stability, leaders. Map, photos.
"Akha village structure," in Peter Hinton, ed., Tribesmen and Peasants in North Thailand, Chiang Mai, Tribal Research Centre: 35-40. Akha of Chiangrai Province, Thailand: villages, households, descent, rank spiritualists, settlement
of disputes.
Kingdon-Ward, Francis: see Ward, Francis Kingdon.
Kingsmill, Thomas W.
1900-01 'Han Wu Ti , and the aboriginal tribes on the south western frontier of China," China Review 25, 111: 103-09.

Yelang (Nashi?) and Mimo (Moso) mentioned as southwestern $I$ in Shiki in the time of Wu (140-86 B.C.).

Ko, Siang-feng (or Hsiang-feng) (Pinyin: Kē Xiang-fèng)
1938 "Lólo wén zì $\mathrm{zh} \overline{\mathrm{i}}$ chū bù yán jìu (A preliminary study on the written language of the Lolos)," Jin-ling Xúe-bào (Nanking Journal) 8, 1-2: 23-25.

Lolo writing. In Chinese.
"Marriage among the Independent Lolos of western China,"
American Journal of Sociology 54: 487-96.
Lolo of Liang-shan in 1939-40 remained robbers and kidnappers of local Chinese, despite repeated attempts to conquer them from the time of Chu-keh Liang's invasion in 225-26 A.D. They have destroyed roads built in their territory. Black Lolo are feudal lords, who differ physically from the White Lolo serfs and slaves. Chang Long-ching estimated 2,225 Black and 14,733 White families in eastern Liang Shan in 1934. Western part has about the same population. Ren Chentong estimated the average Black family at 5.3 plus 10 slaves, and the average White family at 6.34, for a total population of 23,850 Black, 45,000 slaves, and 190,000 White. Chinese traders bring salt, cloth, and cotton for hides and
drugs; they are often members of secret societies, which afford them protection. Equality of Lolo men and women. Marriage between Black and White is forbidden. Small exogamous lineages. Bride-price. After marriage ceremony, the wife returns to her parents' home for one or two years.
Ku, Yen-wu (Pinyin: Gu, Yan-wu)
1823
$\frac{T^{\prime} i e n-h s i a}{\text { (Numerous reprints.) Historical geography. }}$
Lisu and Wei of Yun-lung zhou wear long hemp gowns. Women wear white clothes. In Chinese. Kūang-míng Jìh-pào: see Gūang-míng rìi-bào.
Kuhn, Isobel
1947 Nests above the abyss, London and Philadelphia, China Inland Mission. 254 pp.

Lisu of Yunnan. Photos.
Ascent to the tribes, Chicago, Moody Press. 315 pp .
Lisu: Kuhn and her family missionized in Yunnan from 1929 to 1949 and in Thailand from 1952 to 1954 for the China Inland Mission (now the Overseas Missionary Fellowship). Despite the fact that she was fluent in the Lisu language, her books display considerable ignorance of them, and especially of Lisu religion. She regularly greets Lisu strangers by announcing that she has a message from God for them, urges those she knows better to destroy their "demon" shelf, refuses to watch "demon" dances, is openly shocked by the vulgarity of their love songs, and flagrantly distrusts the "witchdoctors." Fortunately, her successors are much better informed. This book
is partly about the brief stay of OMF missionaries at Thango, Fang district (cf. Kauffmann 1966). Photos.

1957
1959

1960 By searching, London, China Inland Mission. 128 pp . In the arena, London, Overseas Missionary Fellowship. 222 pp.

Stones of fire, Chicago, Moody Press. 224 pp. Lisu of Yunnan.

Kunstadter, Peter, ed.
1967 Southeast Asia tribes, minorities and nations, 2 vols., Princeton, Princeton University Press. 902 pp.
"China: Introduction" (pp. 149-67): Minorities listed with Chinese character, populations, distribution, occupations, religion, language, autonomous areas.
"Thailand: Introduction" (369-400): List of minorities, populations, locations. Various organizations concerned with minorities.
"Burma: Introduction" (pp. 75-91). List of minorities, populations, and locations.
"Vietnam: Introduction" (pp. 677-702). List of minorities. Maps, photos. See Diao 1967, Kandre 1967.

Lajonquière: see Lunet de Lajonquière.
Lamjuan
1969
Chaaw Khaw (Hill peoples), Bangkok, Sǎmnákphim Bandaansaana. 271 pp.

Akha, Lahu, Lisu: Superficial notes extracted from newspapers. In Thai. Photos.

Larnlue, Aroon
1970 "Hill tribes: problems and programs," Bangkok World,

Apr. 5: 17.
Akha, Lahu, Lisu: Refugee centers and other government programs.

Lasher, Robert
1963 Report: The 12 th Mobile Information Team field trip, visits to 46 villages in Mae Hongsorn, Chiang Mai and Tak provinces, March 26-Apri1 12, 1963, Bangkok, United States Information Service Research Division. 34 pp .

Akha, Lahu, Lisu villages. Maps, photos.
Lasker, Bruno
1950
Human bondage in southeast Asia, Chapel Hill, University of North Carolina Press. 406 pp.

Lolo mentioned as keeping slaves.
Laufer, Berthold
1916 "The Si-hia language," T'oung Pao 17, 1: 1-126.
Lo-lo and Mo-so closely related to Si-hia in vocabulary (pp. 30-57), prevalence of vowel/i/ and dipthongs (especially /ou/) and lack of final explosive consonants (pp. 107-15).
Layton, Dora H.
1968 "The road to Huai Fuang," Sawaddi 6, 4: 10-12, 26-27.
Akha, Lahu, and Lisu villages in Chiangrai
Province affected by Border Patrol Police, Seabees, and Hill Tribes Handicraft program.
Lê, Thành Khôi
1955
Le Viêt-Nam, Histoire et civilisation, Paris, Editions de Minuit. 542 pp .

Lolo live at all altitudes; 12,000 live in Lai-châu, Lào-kay, and Yên-bái. Includes Black and

White Lolo, Fou-1a, Xa-pho, and Ho-nhi. Grow opium. Maspero supposes a common ancestral culture for Thai, Lolo, Meo, and Chinese (pp. 44-48).

Lê, Van Hao
1971
"Les études et les recherches ethnologiques au Nord Viet Nam," Etudes Vietnamiennes 32: 9-54. (Also published in English: "Ethnological studies and research in North Viet Nam," Vietnamese Studies 32.) Coong, Si La (or Kha Pe), Co Sung (or La Hu), Bo Kho Pa (or Lao), and U Nì (or Ha Nhi), all Tibeto-Burman groups, were reported by Vuong Hoang Tuyen in his 1966 study, "Geographical distribution of ethnic minorities in North Viet Nam." The Lo Lo, Pu Piao, Cao Lan, and Nhang Ka (or Khang) have also been studied by Vietnamese scholars (pp. 17-19).
Leach, Edmund
1954 Political systems of highland Burma, London, Bell. (Various reprints, including London School of Economics Monographs on Social Anthropology and Boston, Beacon Press.) (HRAF AP1-26.) 324 pp.

Lisu may live with or marry non-Lisu, especially Kachin or Chinese. They may change ethnic identity. Some have class stratification.

LeBar, Frank M., Gerald C. Hickey, and John K. Musgrave
Ethnic groups of mainland southeast Asia, New Haven, Human Relations Area Files Press. 288 pp.

Best and most recent gazetteer type of summary. Some errors: Lisu are in fact found as far south as the provinces of Kamphaeng Phet and Phitsunalok; the population figures based on Young are too high;
alcohol is made from rice and millet as well as from maize; the existence of patrilineal clans is ignored; "maw-pi" is Thai for the Lisu ne pha. The ethnographic map is very useful, but it does not show the Lisu near the Chiangrai-Burma border, in the Kengtung and the Putao areas, nor (now) in the Tirap and the Phitsunalok areas.

LeBar, Frank M., and Adrienne Suddard, eds.
1960
Laos, Its people, its society, its culture, New Haven, HRAF Press (revised 1967). 294 pp.

Ho (descendants of Chinese traders and Lolo women) number a few thousand in mountains (pp. 36, 43). Kho (A'Kha) live in villages of 40-50 households. Village is autonomous, and hereditary headman has limited power (pp. 43, 72).
Leclére, André
1900
"Geógraphie générale des provinces chinoises voisines du Tonkin," La Géographie 1, 4: 267-88.

Lolo of Yunnan: brief sketch. Unmarried girls
live together in special house. Women have great freedom. Map, photo. See Cordier 1907: 78-81.

Lee, Chin Yang
1941
"Writer finds Yunnan-Burma border region a paradise for adventures," China Weekly Review 96, 8: 260-63. Lisu appear only on market days at Mang shih. Lefevre-Pontalis, Pierre

1892 'Notes sur quelques populations du nord de l'IndoChine," Journal Asiatique, série 8, 19: 237-69.

Lolo and Ou-Nhi may pass as Chinese. Lolo manuscripts were collected by Vacle. Vocabularies:

White Lolo of Poufang, Ouhni of Poufang, Minkia of Xieng-hung.
 les frontieres de Chine et de Birmanie, Paris, Ernest Leroux.

Ou-Nhi seem to be most ancient population of Panna d'Ipang, but Lolo have also been there a long time. Yao are newcomers. Ou-Nhi are said to be related to Kha (this is erroneous), but men wear Chinese dress and try to be considered Chinese (pp. 27-28, 34).

Lolo village near Ipang grows tea. Description of dress (pp. 27-28).

Mou-seu have villages in high inaccessible spots such as the Nam Ngao area. Dress. Photos. (pages 150, 154, 160, 296-97, 301-03.)
Legendre, Aimé-Francois
1905
Le Far-West Chinois, Deux années au Setchouen, Paris, Plon-Nourrit et Cie. 546 pp .

Lolo are Aryans, but have mixed with Mongols, Chinese, aborigines, etc. They worship natural elements. Lolo of Foulin (where P. Martin missionized) and Gue-Leou-Ka. Map, photos.
1909a "Far West Chinois, Races aborigenes, Les Lolos, Etude ethnologique et anthropologique," T'oung Pao, série 2, 10: 341-80, 399-444, 603-05. (Reprint 1909, Leiden, E. J. Brill, 151 pp.)

Lolo food, houses. Sharp senses, not outwardly emotional, warrior morality. Children, high status of women. Esthetics, costumes, music.
"Les Lolos, " Comité Asie-francaise, Bulletin, Nov. 14: 487-96.
"Les Lolos (Etude anthropologique)," Société d'Anthropologie de Paris, Bulletins et Mémoires, série 6, 1: 77-94. (Extract 1910, Societé Geographique de 1'Est, Bulletin, n.s. 31: 221-25.)

Lolo anthropometric data.
"Far-West Chinois - Aborigenes: Lolos," Societe d'Anthropologie de Paris, Bulletins et Memoires, serie 6, 1, 6: 520-22.

Lolo anthropometric data on 10 individuals from Ta Tou Ho Basin (Oua Tou Vo massif), which are similar to the 19 of Ngan Ning presented in Legendre 1910a. Le Far-West Chinois, Kientchang et Lolotie, Chinois-Lolos-Sifans, Impressions de voyage, étude géographique, sociale et économique, Paris, Plon-Nourrit et Cie. 471 pp.

Lolo language resembles Sifan and Tibetan. Food, houses, physical and moral traits, high status of women, hereditary power, three castes, property, law. Religion based on supplication of evil spirits. Agriculture, blacksmiths. Dislike of Han: the name "Lolo" alone is enough to strike terror in Chinese hearts. Chinese are masters only in Ngan-Ning Valley of Lolo country. Description of vendetta in chapter 23. Most information on Lolo is summarized in chapters 38 and 39 (much of this is a repetition of Legendre 1909a). Legendre was a military doctor in Setchouen from 1907 to 1909, during which time he visited Kientchang, and (with Père de Guébriant) Ta Leang Shan. Map,
photos.
"Far West Chinois - Kientchang - Les Lolos, " Revue de 1'Ecole d'Anthropologie 20: 185-205. (English translation 1912, "The Lolos of Kientchang, Western China," Smithsonian Institution Annual Report, 1911: 569-86.)

Lolo of Ta Liang Shan raid and feud constantly. Houses. Description of a surprise attack in 1907, in which Lolo lit fires at corners of village. Prefer marriage with mother's mother family. Scapulimancy with goat or sheep: if crack forms cross it is a good sign, but if fine cracks cut across, further rites must be performed. Patient eats heart of sacrificed animal, blood is offered to God and patient's family eats rest. Three origin stories: (1) couple fall from heaven; (2) male appears and gives birth to bear and monkey; (3) several people fall from heaven and one couple has 10 sons and daughters. Two deluge legends: (1) brother and sister who survive flood give birth to Hsifan, Lolo, and Chinese; (2) brother and sister give birth to bear, monkey, and man. Dead are placed in mortuary box in fetal position and burned. No ancestor cult. Dress. Food. Most powerful tribe is Lo Hong, with $10,000-20,000$ fighters. Most villages are autonomous groups of $10-20$ households. Photos. Au Yunnan, et dans le massif du Kin-ho (Fleuve d'Or) Paris, Plon-Nourrit et Cie. xii, 433 pp.

Lisso (Lisu) and Lolo continued to grow opium in 1910 after it had been banned elsewhere in Yunnan ( $p$. 6). Rebel Lisu defeat Chinese troops, who are forced
to plead for mercy (pp. 52-53). Visited several Lisu villages, includịng Protestant converts. Claims Lisu will not sacrifice young animals, only old ones. They practice apiculture. Map, photos.
1913b
"Voyage d'exploration au Yunnan central et septentrional, Populations: Chinois et aborigenes,"
Sociét'e d'Anthropologie de Paris, Bulletins et Mémoires, série 6, 4, 5: 447-57.

Lolo, Lissou, and Lo Wou of Yunnan are timid and peaceful, unlike those of Ta Liang Shan. Dress, agriculture, houses, foor, sickness. $90 \%$ of population suffers from goiter; other prevalent diseases include malaria, smallpox, leprosy, typhoid fever, and tuberculosis.
Legendre, Aimé-Francois, with Paul Lemoine
"Généralités sur la géologie des pays Lolos," Bulletin du Museum.

Not seen.
Léi, Bó-lún
1921
"Ló lo rén mín fēng tư zhi (An account of the customs and environment of the Lolo)," Di-ľi zá-zhì (Geographical Magazine) 12, 1.
Léi, Jīn-1íu
1944
"Yún-nán jí jīang lólo de zư xīan cóng bài (Ancestral worship among the Lolo of the Ji River area in Yunnan)," Bian-zhèng gohg-lùn (Frontier Affairs) $\underline{3}$, 9 .
Lepage: see Vissiere 1914.

## Leparoux

1905 "Information diverses, Yunnan," Les Missions

Catholiques 37,1888: 375.
Man-tseu (Lolo?) rob missionary.
Leroi-Gourhan, André, and Jean Poirier, with André-Georges Haudricourt and Georges Condominas.
1953 Ethnologie de l'union francaise (Territoires extérieurs), Tome second: Asie, Océanie, Amérique, Paris, Presses Universitaires de France. 1083 pp.

Akha: 4,500 in Laos.
Lolo: 12,000 in northwestern Tonkin and 5,000 in Laos (called Ho).

La-ti, La-que, and Ke-lao: l,000 in northwestern Vietnam.

Based on Abadie 1924; Diguet 1908; Izikowitz 1939, 1943; and Roux 1924 (pp. 649-51).
LeRoux, P.
1935 "Mort du R. P. Henri Biron, túe en Lolotie," Les Missions Catholiques 67; 3234: 562-64.

Biron missionized among the Lolo from 1931 to 1935.
Lesserteur, M.
1878 "De quelques tribus sauvages de la Chine et de l'IndoChine. II. Les Tou-jen (Kouang-si)," Les Missions Catholiques 10, 473: 309-11.

Tou-jen resemble the Tchoung-kia-tse or $Y$-jen of Kouy-tchéou. Their language is similar to Siamese. They would seem to be a Tai people.
Lévi-strauss, Claude 3

1949
Les structures élémentaires de la parente, Paris, Presses Universitaires de France. (Second edition, 1967, Paris, Mouton. English translation, The
elementary structures of kinship, (1969, London, Eyre \& Spottiswoode.) 639 pp .

Lolo kinship, high bride-prices, initial period when wife lives with her parents, right of female succession, intervention of women in feuds, levirate, ultimogeniture in movable property--all shared with Kachin--but hierarchical positions about hearth, prohibition of marriage between elder brother and younger brother's wife, distinction of junior and senior lines--all shared with Manchu. Erroneously states that White Bones are senior caste and Black Bones are junior (actually White Lolo are junior).
Lewis, Elaine T.
1969 'The linguistically rich Akhas," Sawaddi 7, 3: 8-10, 28.

Akha say of their language "yawku nya" ("complete, satisfying, perfect"), reflecting its complex phonemic character and semantic richness. Photos.
"New Year - Lahu Style," Sawaddi, Nov.-Dec.: 14-16.
Lahu Christian village (Gosay) near Doi Tung, Chiangrai, has over 80 households, mostly Black. Headman owns small truck. At midnight of New Year, guns are fired, and youths draw new water to ritually clean the hands and feet of elders. A pine or other sapling is planted in the middle of the dancing area. Rice cakes and pork are presented to the headman and elders. Photos (by Paul Lewis).
Lewis, Paul W.
Akha-English dictionary, Ithaca, Cornell University

Southeast Asia Program, Data Paper Number 70. 363 pp. Review: James Macisoff, 1969, Journal of Asian Studies 28, 3: 644-45.
"Akha phonology," Anthropological Linguistics 10, 2: 8-18. (Reprinted in Lewis 1969-70, below.) "The role and function of the Akha 'village priest,'" Behavior Science Notes 3, 4: 249-62.

Akha village priest, his selection and ordination by elders, responsibilites for ceremonies, sacred places, births, deaths, village matters, and fines. His relations with the spirit priest, blacksmith, headman, and shaman. The priest is a stabilizing force in Akha culture, but syncretism has occurred, for example the offerings to the lords of land and water are borrowed from Shan ritual. It is becoming more difficult to recruit priests.
"The rice theme in the Akha culture," Journal of Sociology and Anthropology (Chiang Mai University) 2, 2.
Ethnographic notes on the Akhas of Burma, 4 vols., New Haven, Human Relations Area Files, hRAFlex Books A04-001, A04-002. 876 pp.

Akha of Kengtung area, Burma, from 1951 to 1966. Best for its descriptions of religious and curing ceremonies, religious specialists, beliefs, life cycle customs, language, and such related topics as proverbs, names, and kinship. Less comprehensive coverage is given to agriculture, hunting, husbandry, food, housing, settlements, property, justice, sexual behavior, family, and other aspects of social and
economic organization. The principal limitation of the data is that they were acquired through interviews with informants from several different villages, rather than through participant-observation.

Reviews: Alain Y. Dessaint, 1972, American Anthropologist 72: 852-53, and Journal of Asian and African Studies 7: 313-15. Introducing the hill tribes of Thailand, Chiang Mai, Chiang Mai University, Faculty of Socìal Sciences (mimeographed). 102 pp .

Akha, Lahu, Lisu cultural patterns.
Recommendations for the hill tribes of Thailand (manuscript). 10 pp .

Akha, Lahu, and Lisu face three major problems: opium, food, education. They fear leaving the highlands, but they need paddy land. The hill tribes of Thailand, Chiang Mai, American Baptist Mission. 3 pp .

Organizations in Chiang Mai supporting tribal programs.
"Tone in the Akha language," Anthropological Linguistics 15, 4: 181-88.

Akha tonal changes are described and seen as having developed in order to give more contrast. Three song types: (1) those in which words are important and receive proper tones; (2) tune-oriented songs, in which words are nonsense or of modern meaning and (3) nonvocal music, in which meaning is communicated through the use of tones associated with words. "An Akha for a day," Sawaddi, Nov.-Dec.: 6, 21-24.

Akha everyday activities. Photos.
Lewis, Paul W., ed.
1969 Lahu li sha tan (Lahu magazine), periodical published in Chiang Mai by the Lahu-Akha-Lisu Association of Churches.

1970
Lahu ya htai hkaw hen tu ve li (Thai study book for Lahus), 2 vols., Chiang Mai, Lahu-Akha-Lisu Association of Churches.

Lewis, Paul W., Yohan, and Ca Ui, translators
1966
G'ui sha ve Li hpu aw suh (New Testament in Lahu), Rangoon, Bible Society of Burma. (1962 edition issued by the British and Foreign Bible Society.)
Lí, Càn
1937
"Yún-nán bīan chū de ľiang zhơng míao-zu baí-yí yư yé-rén (two kinds of Miao tribes, the White Yi and Ye or Wild Men, of the border areas of Yunnan)," Wén-hùa jian-shè (Cultural Reconstruction) 3, 7 . Yi and Lisu.

Li Cheng-tchoang: see Siguret.
Li, Hong-de
1958
"The Hani sweep away 1,000-year old practices," Gūang-ming rì-bào, Nov. 12. (English translation: Survey of the China Mainland Press, 1928: 21-23.)

Hani offered pigs and chickens every Dragon day (every 12 days) to high priest, who exploited people. Debates and cooperation led to the abolition of this and other wasteful superstitions, such as spirit propitiation, erection of dragon gates (the old gates were used to build lavatories and pig sties). Dragon mountain, where dead were buried, is no longer taboo.

Lí, Lín-zàn
n.d

The dragon king sutra in Mosso hieroglyphics (manuscript). 16 pp .

Mosso text, one of 22 collected, concerns a dragon king who escaped to the high mountains to avoid the world, and yet came into conflict with men. Because of his emphasis on cleanliness, when the Mosso sacrifice to the dragon they must go through a cleansing ceremony, and shamans must keep a vegetarian diet (the dragon cannot stand the sight of blood). Copied and translated by He-tsai in Bai-dege village, Wei Syi county, Yunnan.
Li, Xū-húa
1935-36
"Da líang shān zhí lưo-1ó mín zū (The Lolo tribes of Greater Liangshan)," Hé běi dì yìi bó wù yùan hùa bào (First Museum of Hopei Pictorial): 102-103, 106-107.
Li, Yu-i, Fei Hsiao-tung, and Chang Tse-i (edited by Fei Hsiao-tung)
(Pinyin: Li, You-yi, Fei Xiao-dong, and Zhang, Ze-yi)
1943 Three types of rural economy in Yunnan, New York, Institute of Pacific Relations (mimeographed). 35 pp.
"Weits'un, A mixed community of Chinese and Lolos," by Li. Lolo natives retreated to arid region during Ming (ca. 1380), and in 1467 the native chief was superseded by a Chinese official. The land has since been regarded as the private property of his family. Pressured by high taxes, the Lolo killed most of the Chinese lords in 1847-72. Though pacified and forced to return the land, the Lolo had put an end to the feudal system. Eventually some even bought land. In the traditional serf system, the land was divided
among 42 families, each paying dues in kind, plus 15 days' service a year and building materials. They were not free to leave the village without permission. Lot size differed, because a family could cultivate additional unused land. Rent was the same for each lot; it is now $1 \%$ to $3.3 \%$ of the harvest. After the revolt, only rent was collected, not services. Details of land ownership, cultivation, rent, and income. After revolt, the Chinese became absentee landlords and had difficulty in collecting rents, therefore they were eager to sell. Lolo pay in installments and may pay interest rates of $40-50 \%$ in kind. Differences in standards of living correspond not with wealth, but with ethnic differences. Lolo have lower standard of living, despite their thrift and industry, because they inspire to own land. Rich Lolo include opium dealer, brewers, stockbreeder, rice merchants, and Catholic steward. Village is located in Lunan Valley, 180 kilometers south of Kunming.
Liao, Yu-tao
1940
"The torch festival among the Lolo," Xin Ning-yuan (Xi-chang) 1,3.

In Chinese. See Chao 1950.
Lichiang Regional Chinese Communist Party Committee 1973 "Actively train national minority cadre," Hong-qí (Red Flag), Mar. 3. (English translation: Survey of China Mainland Magazines 73-3: 18-22.)

I, Lisu, Nahsi, Nu, Pumi, Tulung areas: $50 \%$ of cadres are minority members ( $67 \%$ of leading cadres). Recommends promoting unity between minority and Han cadres.

1904

1909a

1909b
"Le district des Lolos A-chi," Les Missions Catholiques 36, 1811: 93-96; 1812: 105-08; 1813: 117-20.

Lolo buy paddies from Chinese opium addicts. A-chi belong to langue d'o (Vial's 'ou'). The writing given them on dough has been lost. After 15, they sleep in groups in granaries. Love songs. Shell money. Chinese collect rents and services and generally oppress Lolo. Catholic evangelization begun in 1888 by Vial at Lou-Mey-y, followed by Kircher (1894-98) and Lietard (1898- ). Now have 12 schools. In addition to A-chi, there are A-djay, A-li, and Tsi-cho Lolo. Map, by de Gorostarzu (p. 95). Photos. See Cordier 1907: 82-83.
"Notions de grammaire Lo-10, Dialecte A-hi," Ecole Française d'Extreme-Orient, Bulletin 9, 2: 285-314. "Lo-lo" originally applied only to Lo-lo-p'o, now extended to many groups. Sounds, adjectives, numbers, pronouns, verbs, adverbs, postpositions, phrase construction.

Review: 1910, Les Missions Catholiques 42, 2126: 108.
"Notes sur les dialectes Lo-10," Ecole Française d'Extrême-Orient, Bulletin 9, 3: 549-72. A-hi, Lo-lo-p'o, P'u-p'a, and Co-ko (both by Bonifacy 1908), Li-p'a or Li-su of Pin-tch'ouan-tcheou on the right bank of the Yangtze, Li-su-p'a (by Théodore Monbeig) vocabularies with French and Tibetan translations. List of Chinese loanwords in A-hi. Text of "Prodigal Son" in A-hi, Lo-lo-p'o, and Tibetan.

1911-12 'Essai de dictionnaire Lo-lo-Français, Dialecte A-hi," T'oung Pao, série 2, 12: 1-37, 123-56, 31646, 544-58. "Vocabulaire Français-Lolo," 13: 1-42.

Lolo word lists and texts. Lietard was a missionary for the Société des Missions Etrangères de Paris at Lan-gni-tsin, Lou-lou-tcheou, from 1898 to 1904. "Au Yun-nan, Min-kia et La-ma jen," Anthropos 7: 677-705.
Li-sou, Lo-1o, La-ma jen, Mo-so, Min-kia
vocabularies.
1913
Au Yun-Nan, Les Lolo p'o: Une tribu des aborigènes de la Chine meridionale, Münster, Aschendorff. (Reprint: 1913, Anthropos-Bibliothek 1, 5.) viii, 272 p.

Lolo are known by many different names, leading to confusion: Man-tse ("sons of barbarians"), I-jen or I-kia ("foreigners" and more especially Lolo in Yunnan and Thai in Kweichow), Pen-ti jen (when Lolo or Minkia intermarry with Chinese). Hé kou t'eou is the Chinese term applied to noble caste (meaning Black Bones), but it is sometimes used for all independent Lolo, whose correct name is Seu Lo-lo (raw Lolo, in contrast with Chou Lolo, cooked Lolo). Various etymologies of "Lolo." Three Lolo dialects: (1) "a" Lisou p'a (2) 'o" Lo-lo p'o, and (3) 'ou" Ko-p'ou. Locations of Lisou and Lolo. History: Lolo have probably inhabited Liang Shan since the early part of our era, and at least since tenth century, according to Chinese. Villages range from 10 to 120 families (average $30-40$ ), but Lisou have individual houses
near their fields. Houses may be built around courtyard. Grow maize, rice, wheat, buckwheat, sorghum. Agricultural calendar. Use shoulder board to carry baskets. In plains, they use foot-operated rice mortars. Goats, sheep, pigs, fow1, cattle, horses. Hunting, fishing with poison. Dress. Most iron goods are bought from Chinese in exchange for hemp blankets, musk oil. Games include tops, pitching seed in hole, tiger protecting stones, see-saw, dance. Songs with Lolo and French texts (pp. 111-24). Baber's and Deveria's contention that Lolo worship a White Horse is result of confusion over the Chinese writing of pi-mo. They believe in a Creator (whom they mostly ignore), practice simple ancestor worship, and believe in spirits that can cause disease. Two types of sorcerers: one literate. A son will make wooden figures of his dead father and mother; they are kept in the roof thatch until the son's death, when they are burnt by the grandson. During epidemics, the Lolo or Lisou sorcerer may walk a ladder of knives. Many methods of divination are originally Chinese, as are spirit names, but formulas are in Lolo. Deluge legend (pp. 140-42). Ceremonies. Marriage, bride-price. Patronymics were derived from Chinese and are unimportant in marriage (often a whole village took the same name). Medicines include nicotine for toothaches, gall of goat for eyeache, pig's lung for goiter. In Szechwan, the dead are still cremated, but elsewhere they are buried in coffins. Lamentation chanted by women (pp. 172-78). T'ou-seu headman system. Caste
system. Language: sounds, tones, Chinese influences, particles, substantives, adjectives, pronouns, verbs, adverbs, postpositions, conjunctions, syntax, writing (pp. 195-267).

Review: F. Heger, 1914, Anthropologische Gesellschaft in Wien, Mitteilungen 44: 73-74.
"Chants populaires des Lo-lo p'o (Yunnan)," Bulletin de l'Université l'Aurore (Shanghai), série 3, 8, 2: 266-74.

Lolo: Nine songs extracted from Liétard 1913 (pp. 111-24), Lolo text and translation. Two types: love or story. Verse has 5 measures; rhythm starts low, then becomes piercing.
Lín, Huì-xíang, and Lú zùo-fú
"Ló-10 bíao běn tú shūo (Illustrations of the Lolo)," Shè huì kē xúe yán jìu sǔo, zhōng-yāng yán jiù yùan (Bulletin of the Social Science Research Institute, Academia Sinica) 3 .
Lîn, Kuang-tien: see Graham, David, 1955; Líng Guăng-dian 1950. Lín, Yaò-húa (or Yau-hwa or Yuèh-hwa)
1944a "A brief account of Yenching expedition to the Lolo community," West China Border Research Society, Journal, series A, 15: 41-46.

Lolo live alongside Chinese in Hsi-ning, Hsiao liang shan. On the way from here to Lei-po, 40 miles south, Lin had to call on militia twice for protection Chinese are killed and kidnapped by Lolo nearly every evening. Went to Ta liang shan, along with two Lolo guarantors, but there were several misunderstandings and extortions. Spent a total of 50 days among Lolo
in summer 1943. Map.
"Dà líang shān lólo zu jīe jíi zhì du (Class systems among the Lolo on Ta Liang Shan)" Bīan-zhèng gōnglun (Frontier Affairs) 3, 9: 22-41.

Lolo call themselves Yi , and are divided into Black, White, and Han Wa ("Chinese youths" who eventually become Lolo). Black Lolo are Mongoloid, have Mongoloid eyefold, dark skin, hooked nose, big ears. In Chinese.
"Social life of the aboriginal groups in and around Yunnan," West China Border Research Society, Journal, series A, 15: 47-56. (Reprint 1944, West China Union University Museum offprint number 6.)

Lolo, including Aka, Liso, Lohei (Lahu), Woni. Locations, populations, houses. Classes. Lolo bride payment consists of silver, cattle, weapons, slaves, paid in installments. After the first night, bride and groom live separately for one or two years. Widow remarries husband's brother or nephew. Feuds. Hostility with Chinese. Those Lolo who have moved south into Yunnan have intermarried with Chinese; some have become Chinese. Lolo chiefs may rule over some Miao. "Dà xǐao líang shān kǎo chá jì (Exploration of Greater and Lesser Liangshan)," Bīan-zhèng gōng-lun (Frontier Affairs) 3, 5-6.

Lolo mentioned.
"Kinship system of the Lolo," Harvard Journal of Asiatic Studies 9: 81-100.

Liang-shan Lolo. Data collected 1943. Fireplace
(Kuo-chwang) is center for cooking, eating, entertaining. Partial avoidance between elder brother and younger brother's wife; husband's father and son's wife never eat together, talk, or look each other in the face. Levirate. Parallel-cousin marriage prohibited. Cross-cousin marriage preferred (mother's brother is called "father-in-law"). Bride lives with her parents until first pregnancy. Kin terms in Lolo, Chinese, phonetic, and English.
Líang shān yí j후a (Liang-shan I Chia) (The Lolo of Liang Shan;, Shäng wù yìng shū gǔan shè huì xúe cóng kän (Shanghai, Commercial Press). (Translated by Ju-shu Pan, 1961, New Haven, Human Relations Area Files Press.) 159 pp.

Da-liang shan and Xiao-liang shan. Data collected July-Sep. 1943. Populations. History. Lolo and Han trade and have shifting frontiers. Chinese control towns, but Lolo control much of the countryside. Since the founding of the Republic, Chinese garrisons have been reduced, and the Lolo have attacked many towns and disrupted communications. At Lei-po, much of the population has left because of Lolo attacks. Those who remain (including sinicized Lolo) are constantly on the defensive. Small bands of Lolo plunder one house at a time and take captives. The only way to travel is with a Lolo protector. Subdivisions of Lolo, locations. Each clan occupies several villages of up to 50 households each. Clan leadership depends on personal ability in fighting and organization. Kin terms. Cross-cousin marriage. Houses. Dress.

Exogamous clans. Children of mixed Black and White marriages are called "yellow bones" and considered pariahs. Polygyny is rare, only among nobles. Betrothal gìft 500-800 ounces of silver for Black, 100-200 for White, none for slaves. May originally have been pastoral, since they look down on agriculture. White Lolo, who make up $80-90 \%$ of population, grow maize and buckwheat; minimum swidden per person half an acre; $40-60 \%$ of harvest is paid to Black landowners. Opium is traded for guns and silver from Chinese; temporary Han laborers are imported during opium planting and harvesting. Movable property is inherited equally by children; male slaves go to sons, female slaves to daughters; fields to sons, house to youngest son. Caste system; in multiclan villages, White may be subject to several nobles; slaves are mostly captured Han. Constant feuding; strategy is usually surprise attack, and after one or two persons are killed, a temporary truce is called. Women sometimes talk the men out of a battle. Animists. Pi-mu is both priest and magician, always male, and usually a White Lolo; tutorial is usually father to son or uncle to nephew. Divination. Ceremonies in third, seventh, and tenth months to drive away evil spirits from household. Magic against enemies. Cremation. One, three, or five years after death, an expensive ceremony is held to release the departed soul. Interdictions, ordeals, covenants.

Lindgren, Ted D.
teacher and the remote area villager in northern Thailand: Their perceived role of each other in a remote area civic action program (manuscript). 22 pp .

Akha, Lahu, Lisu. Border police teachers, schools, extracurricular activities, attitudes on sending children to school.

Ling, Bing
1961 Zhōng mian tai yin bīan mín qīn (Customs of border peoples of China, Burma, Thailand and India), Hong Kong, World Book Store.

Lisu are possibly Aryans; clothing, crossbows, poison, houses, gods and spirits, marriage, birth.
Líng, Chún-shèng
1938 "Táng-dài yún-nán de wū-mán yư bái-mán kǎo (Research on the Wuman and Baiman of Yunnan during the $T^{\prime}$ ang dynasty)," Lì shǐ yǔ yán yán jiu sǔo, Zhōng yāng yán jiu yuan (Bulletin of the Institute of History and Philology, Academia Sinica) Rén lèi xúe jí (Anthropology issue) 1, 1.
1953 "Dōng-nán yă de fù zî lían míng zhì (The patronymic linkage systems of Southeast Asia)," Dà-lù zá-zhì (Continental Magazine) $\underline{1}$.

See Shiratori 1957.
Líng, Gūang-dian (or Kuang-tien) (See also David Crockett Graham, 1955.)

1948

1950
"Hèi yí hé bái yí (Black Yi and white Yi)," Bīan-zhèng gōng-lun (Frontier Affairs) 7, 2. Ýi-zú mín jīan gù shi (Lolo tales), Peking, n.p. 169 pp . Linguistic Survey of Burma

Preparatory stage or linguistic census, Rangoon,

Superintendent, Government Printing. 79 pp .
Litton, George John
1904a Report on a journey to the north of Tengyueh subprefecturr; (manuscript).
1904b $\quad$ Report on a journey to Tibetan Yunnan (manuscript).
1906 Report on the upper Salween (manuscript).
See Forrest 1908.
Liu, Chun (Pinyin: Liu, Zhun)
1954 "National minorities enjoy regional autonomy,"
People's China 1, 1: 9-14.
Yi have organized a militia.
Liu, Chungshee Hsien (Pinyin: Liu, Zhong-she-xian)
1932 "On a newly discovered Lolo Ms. from Szechuan, China," Man 32: 235-37.

Figure.
1937
"A Lolo manuscript in the Bodleian library, Oxford," Man 37: 39-40.
Liu, Hsiu-yeh (Pinyin: Liu, Xiu-ye)
1940-41 "Selected bibliography of Yunnan and of tribes of southwest China," Quarterly Bulletin of Chinese Bibliography, n.s. 1: 83-113, 333-48, 450-68; 2: 199225.

Líu, Yáo-hàn
1954
"Nán-shào tơng zhì zhě méng shì jīa zú shú yì zú zhī xīn zhèng (New evidences showing that the Meng ruling family of Nanchao to be Yi)," Lì-shí yán-jíu (Historical Research).
Líu, Yǐ: see Huáng, Tǐe, et al., eds.
Lo, Ch'ang-p'ei (Pinyin: Ló Cháng-péi)
1944a "Lùn zàng mǐan zú de fù zy lían mín zhí (A discussion
of the patronymic linkage system of the Tibeto-Burman tribes)," Bian-jiang rén-wén (Border Culture and Humanities) $1,3$.

See 1944b, below.
"Zai lùn zàng mían zú de fư zí lían mín zhì (Further discussions on the family naming system among the Tibeto-Burman tribes)," Bīan-zhèng gōng-lun (Frontier Affairs) 3, 9: 19-21.

The son takes the last one or two syllables of father's name. There are four patterns: ABC-CDE-EFG--GHI; AYB-BYC-CYD-DYE; ABCD-CDEF-EFGH; and YAYB-YBYCYCYD. Genealogies of A-he and Lo-hong clans. White Lolo had no surnames until the birth of $A$ Myau, whereupon Myau became their surname. See Lo 1944a, 1945a and 1945c, Ma 1942-44, Ruey 1950, Shiratori 1957. "The genealogical patronymic linkage system of the Tibeto-Burman-speaking tribes," Harvard Journal of Asiatic Studies 8, 3-4: 349-63.

Lolo, Woni, and Aka (as well as Moso and Burman) genealogies illustrate naming system in which last one or two syllables of father's name are repeated in son's name. See also 1944a, 1944b, and 1945c. "Gong-shān nù yư chū tan xù lun (Preliminary survey of the Nu language of Gong Mountain)," Bian-zheng gōnglùn (Frontier Affairs) 3, 12.
"Sān lưn zàng mían zúu de fù zí lían mín zhì (Third discussion on the patronymic linkage system of the Tibeto-Burman tribes)," Bīan-j̄̄ang rén-wén (Border Culture and Humanities) 2, 1.

See 1944b, above.
"A preliminary study on the Trung language of Kung Shan," Harvard Journal of Asiatic Studies 8, 3-4: 343-48.

Trung (or Ch'iu-Chi in Chinese) probably belongs to the Lolo-Moso group, close to Nung. Located $97^{\circ} 50^{\prime}$ $-98^{\circ} 50^{\prime} \mathrm{E}, 27^{\circ}-28^{\circ} \mathrm{N}$. Phonemes, six tones, word order, classifiers, affixes. See Matisoff 1972a.
1950 First survey of the Lo-i language of Lien-shan, Peking.

Not seen, but apparently Lolo. In Chinese.
Logan, J. R.
1858
"The West Himalaic or Tibetan tribes of Asam [sic]," Journal of the Indian Archipelago and Eastern Asia, n.s. 2: 68-151.

Li-se probably eastern Sing-Phos (p. 92).
Lowis, Cecil Champain
1919 The tribes of Burma, Rangoon, Office of the Superintendent, Government Printing, Burma. (First edition 1910. Reprint 1949.) 109 pp .

Lowy, Rennold L.
1947 "Adventures in Lololand," National Geographic 91, 1: 105-18.

Lolo said to hold U.S. flyers as slaves in eastern Sikang and western Szechwan. Lolo raided Chungsopa, carrying off young men and girls. Black Lolo chief and "queen" of Tienpa rule 300 White families.
Photos of women's costumes, etc.
Luce, Gordon Hannington
1968 "Burma languages," Burma Research Society, Journal 5:, 1: 29-34.

Lisu (Lolo) is one of the groups of TibetoBurman languages. Probably originally pastoralists of northwestern China, part of Ch'iang ("goat-men"), squeezed out by Chinese agriculturalists and Tibetan hunters.
Lunet de Lajonquière, Etienne Edmond

Ethnographie des territoires militaires, Hanoi, Schneider. 258 pp.

Lolo have been in Bao-lac for several centuries; they are not migratory, like the Man and Meo. Number 1,800 ( 18,000 is a misprint, p. 243). They retain their physical type, dress, and language, but they no longer have writing, and they have adopted many beliefs and ceremonies of their neighbors, truly "dénationalisées" (p. 250). Based on information gathered by Diguet, Bonifacy, Révérony, and Fesch. Map.

Review: C1. E. Maitre, 1905, Ecole francaise d'Extreme-Orient, Bulletin 5: 199-207.
Ethnographie du Tonkin septentrional, Paris, Ernest Leroux, Editeur. 384 pp.

Lolo, including $\mathrm{P}^{\prime}$ ou-1a or Fou-la, Houo-Ni, Pen-ti-1olo, Kan-tao-1olo, Xa-pho. Populations, locations. Names, physical features, houses, dress, agriculture, marriage, birth, funerals. Girls in puberty cannot eat pork, chicken, duck, or dog. Live mixed with Meo, and may have a Lolo, Meo, or Tho chief. Vocabularies. Map, photos.

Review by Gaide, 1906, Ecole francaise d'ExtrêmeOrient, Bulletin 6, 3-4: 348-50.

Lyall, Leslie T.
1965
A passion for the impossible: The China Inland Mission, 1865-1965, London, Hodder and Stoughton. 190 pp.

Lisu in Yunnan were first missionized through Miao in 1907; the following year the Lisu missionized among the Lahu. Fraser arrived to work among Lisu in 1910. By $1918,60,000$ Lisu were baptized. John Kuhn arrived in 1928. In 1943, Lisu church was organized, with elected deacons and central council. In 1944, a Lisu gospel magazine was begun.

Nosu reached in 1910. The center of 30 Nosu churches was Salowu.

Attempt to reach the Tuli, related to Lisu, failed.
Mǎ, Cháng-shòu (or Cháng-shèo)
"The genealogical table of the Lo los at Liangshan, Western Szechuan," Bīan-jīang yén-jìu lùn-cóng (Frontier Studies) 44, 4: 51-83.

Lolo usually do not have written genealogies, but they engage in oral competitions, reciting long genealogies; the naming method, whereby the last part of the father's name is repeated, also aids memorization. It is a disgrace to make mistakes in one's own genealogy, and an insult to do so in another's. Only recently have the Lolo adopted family names like the Han (either Chinese surnames or place names), so that members of one clan may have different surnames, or members of different clans may have the same. Originally, the Black Lolo were divided into Gu Heu and Chu Ni , but eventually they intermarried.

From these two, the present-day clans and subclans evolved, and these remain the basic social units. Most famous of the early Lolo was A T'u, who settled in the Jau Tung region of northeastern Yunnan. One headman identified him with Gu Heu , and his brother with Chu Ni: the former led his people into eastern Liang Shan, and the latter into the western part. Gu Heu's descendants are more numerous, more warlike, and more influential. See Chén 1948a, Díng 1936, Dong 1940, Fang 1945a and 1945b, Lo 1944a and 1944b, 1945b, and Shiratori 1957.
1946 "Líang shän 10 -yí de zú pŭ (The genealogy of the Lolo of Liangshan)," Mín-zú xúe-yán (Nationalities Research) $\underline{5}$.

See 1942-44, above.
Ma, Touan-lin (or Tuan-lin) (Pinyin: Ma, Duan-lin), translated with commentary by Le Marquis d'Hervey de Saint-Denys
1876-83 Ethnographie des peuples étrangers a la Chine, ouvrage composé au XIIIe siècle de notre ère, 2 vols., Genève, H. Georg Libraire-Editeur (2d vol. H. George-Th. Mueller) ; Paris, Ernest Leroux; London, Trübner and Co. $520+626$ pp.

A translation with commentary of parts of Wên Hsien Thung Khao, published in 1319. Extremely difficult to identify the groups mentioned by Ma with present-day peoples. Y mentioned $\underline{1}: 5 ; 2: 122,126$, 167.

Mǎ, Xúe-1íang (or Hsüéh-líang)
1931 "Lǔo mín de jì sì yán jìu (A study of Lolo religious rites)," Xúe-yúan (Source of Knowledge) 2, 2.
"Sǎ ní yư 'Pzlp'slbzlfvzl' xíao kǎo (A brief examination of the Sani language)," Zhōng-gúo wén-hùa yán-jiu sǔo (Chengtu, University of Nanking, Institute of Chinese Cultural Studies) $1,2$.

See 1951, below.
"Hēi yí féng sù zhī yì-chư huo sùi (A custom of the Black Yi to eliminate disasters and evil spirits)," Bīan-zhèng göng-1ùn (Frontier Affairs) 3, 9. "Cóng lưo-10́ shì zú míng chēng zhōng sưo jìan de tú téng zhì dù (The 'tu-teng' system as seen from the tribal names of the Lolo)," Bian-zhèng göng-lùn (Frontier Affairs), 6, 4. (Frontier Affairs), $\frac{6,4 .}{1}$ "Ló wén zùo jì xìan yào gōng jīng yì zhù (Lo-wen 'Tso-chi, hsien-yao, kung-sheng ching'i-chu) (A witchcraft book, 'On Performing rites, offering medicines, and sacrificing beasts')," Li shí yư yán yán jiu suo, zhōng yāng yán jíu yuan (Bulletin of the Institute of History and Philology, Academia Sinica) 20: 577-666, Special Studies 3, no. 3.

Lü-Ch'üan, a Lolo dialect: transcription, translation, and commentary on a sacred book. "Lưo-1ó zú de zhāo hún hé fàng gư (Lolo spiritualism and witchcraft)," Bīan-zhèng gōng-lun (Frontier Affairs) 7, 2. "Lưo wén zùo zhäi jīng yì zhù (Annotations on Lolo sutras)," Lì shí yú yán yán jiù sưo, Zhōng yāng yán jiu yuan (Bulletin of the Institue of History and Philology, Academia Sinica) 14. Sǎ-ní yì yu yán-jiu (A study of Sani, an I dialect),
Peking, Yư yán xúe zhuan kā dí 2 zhong, Linguistics

Special Series Number 2), Publication of the Chinese Scientific Institute, Advanced Studies Publishing House. 371 pp.

Sani, a Yi dialect: sounds (using International Phonetic Alphabet), grammar, word list, glyph list, texts. See Haudricourt 1957-58.
"New script for China's minorities," China Reconstructs 4,2: 10.
"New scripts for China's minorities," China Reconstructs 11,8: 24-27.

Lisu script in use by 1958. Central Institute of Nationalities at Peking offers courses in Lisu.

Ma, Yao
1958 "National minorities in direct transition areas in Yunnan leaping forward toward socialism," Guang-míng rí-bà (Peking), November 15.

Lisu exploitation of poor by rich has been done away with, as have wasteful sacrifices to the spirits. The Lisu, who formerly had an incipient class society, are rapidly moving toward socialism.

Macey, P.
1907
"Etudes ethnographiques sur les Kha," Revue Indochinoise: $240-49,479-83,520-52,781-86,868-74$.

Akha vocabulary.
MacFarquhar, Roderick
1959 "The minorities," New Leader 42,23: 17-21.
Yi took from October 1956 to March 1958 to liberate 10,000 slaves in Ninglang, Yunnan.
Madrolle, Claudius
1898 Les peuples et les langues de la Chine méridionale,

Parlers de l'île d'Hainan et de la presqu'île de Loui-tcheou (Louei-tsiou) suivis de quelques expressions des peuples orìginaires des régions voisines du Tibet, Paris, Challamel. 15 pp.

Lolo vocabularies from Szechuan and Yunnan.
"Quelques peuplades lo-10," T'oung Pao, série 2, 9: 529-76.

Lolo and Lisou distribution, names, dress. Vocabularies: K'o (Akha), Lisou by Monbeig, Lolopho by Liétard.
Indochine du Nord, Tonkin, Annam, Laos, Yunnan, Kouang-tcheou Wan, Paris, Librairie Hachette. (Third edition, 1932. English translation: 1939, Indochina: Cochin china, Annam, Yünnan, Cambodia, Tonkin, Laos, Siam, Paris, Société d'Editions Geographiques, Maritimes et Coloniales.) 384 pp.

Lolo number 450 in Ha-giang; Pou-1a 360 in Hagiang, 320 in Lao-kay, and 6,500 in So'n-1a; K'i-1ao 350 in Ha-giang, 500 in Lao-kay; Heu-yi 230 in Hagiang; Wou-ni 600 in Lao-kay and 3,100 in Lai-chau (pp. 35ff, 58-59). In Laos (Luang Prabang and Fifth Territory), Lolo include Kho, Mu-so', Wou-ni, and Allo, and number 16,500 . Wou-ni live near Muang Sn, Allo in Sip-song Pana; A-ka (Kó) include 7 subgroups (pp. 67, 73, 151, 315). Lolo villages in Yunnan mentioned (pp. 355-56). This Guide Madrolle is in the best tradition of French tourist guides, an overlooked but extremely useful source of information on distribution of ethnic groups. Photos.
"Yun-Nan (Chine). Lettre de M. Henri Maire, missionnaire apostolique au Yun-Nan, à M. Obert, curé de Mandeure. La mission des Lolos-Visite de Mgr. Fenouil. Journée du missionnaire," Les Missions Catholiques 14, 699: 505-07.

Lolo houses. Entire villages have been converted: 300 catechized and 255 baptized this year. Maitre, Claude-E.

1908 "Correspondance," Ecole Francaise d'Extrême-Orient, Bulletin 8, 3-4: 616-26.

Questions d'Ollone's claim of being the first to traverse Lolo country, in light of Bonin's previous voyage. Notes contradictions between d'Ollone's depiction of it as a dangerous country and de Guebriant's account of it as peaceful. See Maitre and d'O1lone 1909.
Maitre, Claude E., and Henri Marie Gustave Vicomte d'Ollone 1909 'Correspondance," Ecole Française d'Extrême-Orient, Bulletin 9, 4: 832-36.
d'Ollone cites Bonin 1899 and 1907, acknowledging that de Guébriant and d'Ollone crossed Lolo country before Bonin. Cites de Guébriant 1899 to show that Bonin crossed country inhabited by Chinese. Maitre concedes this point, but re-emphasizes the differences between d'Ollone's and de Guébriant's accounts, citing de Gúebriant in Echo de Chine, Nov. 4, 1908: 869-71, where he cautions against thinking of Lolo as cruel savages simply because of their murder of Brooke.

See Maitre 1908.
Manndorff, Hans
"Angewandte Vo"lkerkunde bei den Bergstämmen von Nordthailand," Mitteilungen der Anthropologischen Gesellschaft in Wien 92: 313-15.

Akha, Lahu, Lisu: general survey of opium growing highlanders in North Thailand.
"Bericht uber einen völkerkundlichen Forschungsaufenthalt in Nordthailand, vom. 1. September 1961 bis 30. Juni 1962,: Archiv für Völkerkunde 17-18: 157-60.

Akha, Lahu, Lisu: Summary of a survey trip. 'Probleme bei der Einführung der staatlichen Verwaltung unter den Bergstämmen von Nordthailand," Sociologus 13, 1: 15-31. (English translation: 'Problems for the introduction of government administration among the mountain tribes of northern Thailand," Trans. J3029A, Washington, D.C., U.S. Army Translation Service.)

Akha, Lahu, Lisu: Thai government aims to end slash-and-burn cultivation, migration, and opium growing.
"Beobachtungen über die Südwanderung einiger hinterindischer Bergstämme," Mitteilungen der Anthropologischen Gesellschaft in Wien 95: 82-91. (English translation, 1967, "Observations of the southward migration of some Indochinese mountain tribes," Trans. J1978, Washington, D.C., U.S. Army Translation Service.)

Lahu and Lisu southward movement to Tak; migration routes. Vertical distribution of ethnic groups from highest to lowest altitudes: Lisu, Lahu

Nyi, Lahu Na, Akha, Lahu Shehleh, Lahu Shi. "Veränderungen in den Beziehungen zwischen Tieflandbevölkerung und Bergstämmen in Nordthailand," Sociologus 16, 2: 157-73.

Akha, Lahu, Lisu relations with lowland Thai have traditionally been mutual noninterference. However, with increasing population, Thailand is concerned that slash-and-burn agriculture will cause land depletion, erosion, and flooding, and wishes to stop opium cultivation. The integration of highlanders can best be achieved by building upon (rather than upsetting) past relations: e.g. confirm local headmen, use locals for agricultural education programs.
"Einige Bemerkungen über die Lahu Nordthailands, über das Neujahrsfest Kin Wah und den Hochgott G'dscha," Mitteilungen der Anthropologischen Gesellschaft in Wien 100: 332-39.

Lahu number 15,000 in Thailand. Subgroups. Pawku as religious authority. New Year's at Doi Paka, Fang, in 1965.
"Beobachtungen über die Lisu Nordthailands, über die Verehrung der Nat und die Zeremonien Zur Neujahrszeit," in J. Szabadfalvi and Z. Ujváry, eds., Studia Ethnographica et Folkloristica in honorem Bela Gunda, Budapest, n.p. (pp. 141-155).

Lisu of Thailand: Spirits and spirit specialists. A description of the New Year's celebrations at Doi Nalow, Chiang Dao district, Chiang Mai Province, in 1952. Photos.

Manndorff, Hans, F. Scholz, and E. Volprecht
1964-65 Encyclopaedia Cinematographica Films, Numbers: 1239 Dances at the New Year (Black Lahu), 1240 Husking rice with a stamp mill (Black Lahu), 1241 Removing the seed from cotton with a special machine (Akha), 1242 Shaking up and fulling cotton (Akha), 1243 Spinning cotton (Akha), 1244 Preparation of a woven cotton rope (Akha), 1245 Weaving cotton on a treadloom (Akha), 1246 Making a bark mat (Akha), 1247 Manufacturing a bamboo board (Akha), 1249 Building a house (Akha), 1250 Forging a chopping knife (Akha), 1251 Making a sheath for a chopping knife (Akha), 1252 Weaving a basket with a lid (Akha), 1271 Weaving straps for shoulder bags (Black Lahu), 1283 Chewing betel nuts (Black Lahu), 1284 Making an ornamental string from feathers (Akha), 1285 Braiding an ornamental chain from cotton and seed pearls (Akha), 1286 Men's dance (Akha), 1287 Girls' dances (Akha), 1301 Dog sacrifice at house building (Akha), 1302 Sword dance (Akha), 1303 Dances at the New Year (Lisu), Vienna, Encyclopaedia Cinematographica Films.

Silent films; most are black and white. Some have explanatory booklets.

Matisoff, James A.
1966 The phonology of the Lahu (Muhsur) language, Report to the National Research Council of Thailand, Bangkok (mimeographed). 37 pp .
1967 A grammar of the Lahu language, doctoral dissertation, Berkeley, University of California. (Dissertation

Abstracts 28: 1419A, University Microfilms order no. 67-11,648.) 697 pp.

Black Lahu spoken in Christian villages of Chiang Mai. A structural analysis in the transformational style. (1) Phonology: syllable structure, initial consonants, vocalic nucleus, finals, tones, junctures, morpho-phonemic phenomena that shed light on earlier stages of language. (2) Sentence types: morphemes are assigned to form classes including "unrestricted particles." (3) Noun-phrase: noun subtypes both autonomous and limited, compounding, reduplication, elaboration, nominal nuclei (quantified, genitivized, determined, and extensive), noun-particles, unrestricted particles in nonfinal noun phrases, constraints on possible sequences of noun phrases. (4) V'erb-phrase: three subtypes of verbs, verb-concatenation, adverbs, verbal particles, relationships between several types of particles in final verb-phrases. Conjunctions and interjections. (5) Compound sentences. (6) Various optional transformations by means of which "kernel" sentences are operated upon to produce complex sentences: nominalization transformational, relative transformational, and citative transformational. Permutational transformations characteristic of colloquial speech. See his 1973b, below.
"Lahu and Proto-Lolo-Burmese," Ann Arbor, Mich., Occasional Papers of the Wolfenden Society on TibetoBurman Linguistics 1 : 117-221.

Lahu phonology, rejection of Burling's (1967) analysis. Cognates of the name "Lahu." Aspects of
the Proto-Lolo-Burmese initial system: PLB velars and Tibetan dentals, Lahu voiced stops, Loloish and PLB resonant system, a laryngeal residue. Initial clusters: "intrinsic" vs. "fusional." Lahu and the PLB 'rhymes. The Lahu high-rising tone and glottal dissimilation. (See his 1970, below.)

Review: 1970, R.B. Jones, Journal of Asian Studies 30, 1: 230-31.
'Verb concatenation in Lahu: the syntax and semantics of 'simple' juxtapostion," Acta Linguistica Hafniensia 12, 1: 69-120.

Lahu verbs may be strung together by simple juxtapositon to form complex verb phrases, raising some questions on the interrelations of semantics and grammar. There is a well-defined class of cases wherein the evidence indicates that it is the inherent semantic features of individual verbs that actually determine the structural descriptions of concatenations. "Lahu bilingual humor," Acta Linguistica Hafniensia 12,2: 171-206.

Black Lahu stories of misunderstandings with Shan and Yellow Lahu due to the fortuitous resemblance of a foreign word to a Lahu one. Prerequisites for Black Lahu bilingual humor: a long-standing cultural intimacy, a sufficient degree of otherness. It is the Lahu who tries to speak Shan; it is almost always the Lahu who is the butt of the joke (status hierarchy is Shan highest, Black Lahu, Yellow Lahu).
"Glottal dissimilation and the Lahu high-rising tone: a tonogenetic case-study," American Oriental Society,

Journal 90, 1: 13-44.
Lahu high-rising tone does not show any simple correspondences to tones in other Lolo-Burmese languages. It can be demonstrated that it is a secondary development within Lahu, furnishing a striking confirmation of the assumption that tones arise in general through the influence of consonants in syllable-final or syllable-initial position.

1970b

Parallelism and quartenary tropes in Lahu religious poetry, paper presented at the Third Annual Conference on Sino-Tibetan Reconstruction, Cornell University.

Not seen.
"The tonal split in Loloish checked syllables," Urbana, Occasional Papers of the Wolfenden Society on Tibeto-Burman Linguistics 2. 44 pp .

The two-way tonal split in Loloish checked syllables explored in a dozen languages.

Review: Kun Chang, 1972, Journal of Asian Studies 31, 4: 988.

The Loloish tonal split revisited, Berkeley, University of California, Center for South and Southeast Asia Studies, Research Monograph No. 7.88 pp.

Revision of his 1970a and 1971, above. The tonal split depends ultimately on the voicing or voicelessness of the root-initial consonants as complicated by the various proto-prefixes that could be preposed to the root. Confirmatory evidence includes about 200 cognate sets.
"Lahu nominalization, relativization, and genitivization," in John Kimball, ed., Syntax and Semantics,
vol. 1: 237-57, New York, Seminar Press.
Lahu particle "ve" serves as marker of genitive constructions, relative clauses and clause nominalizer. 'Tonogenesis in Southeast Asia," in Larry M. Hyman, ed., Consonant Types and Tone, Southern California Occasional Papers in Linguistics 1: 71-95.

The role of laryngeal final consonants and syllable-initial voicing vs. voicelessness in the generation of tonal phenomena. The interrelationship among monosyllabicity, intersegmental feature-sharing, and compensatory tone. The tonal situation at the Proto-Sino-Tibetan and Proto-Tibeto-Burman levels, and the areal diffusion of tones in Southeast Asia, and the utility of tone-systems for the establishinent of genetic relations among languages.
1973b The grammar of Lahu, Berkeley, University of California Press, Publication in Linguistics No. 75. 673 pp . Revision of his 1967, above.
Problems and progress in Lolo-Burmese: Quo Vadimus? paper circulated at the Sixth International Conference on Sino-Tibetan Language and Linguistic Studies, San Diego. 36 pp .
n.d.(a). "The tones of Jinghpaw and Lolo-Burmese: common origin vs. independent development," Acta Linguistica Hafniensa (in press).
n.d.(b) Lahu-English and English-Lahu dictionary (in preparation).

Matsuzaki, Hisakazu
1947 Byōzoku to Rorozoku (The Miao and Lolo of South China), Tokyo, Nikkō Shoin. 239 pp.

In Japanese.
Maung Shwe Wa
1963 Burma Baptist Chronicle, Book 1, Rangoon, Board of Publications, Burma Baptist Convention. 269 pp.

Lahu first contacted by Baptist missionaries, Mr. and Mrs. Cushing, when they traveled to Kengtung in 1869 (p. 208). Mr. and Mrs. Paul Lewis ran a Bible School at Pangwai for Lahu and Akha (p. 232). There are 20,203 members of Lahu-Wa Baptist churches, which operate 120 schools and a seminary (p. 268). See Crider 1963, Saw Aung Din and E. E. Sowards 1963.
McCarthy, James
1902 Surveying and exploring in Siam, London, James Murray. 215 pp .

Lahu mentioned in North Thailand, 1881-93. Maps. McCoy, Alfred W. (with Cathleen B. Read and Leonard P. Adams, II)

1972 The politics of heroin in southeast Asia, New York, Harper \& Row. 464 pp.

Lahu used for intelligence and guerrilla activities by the United States, through the Young missionary family. Attempt to unite Lahu with U Nu's United National Liberation Front against the Burmese government. Maps.

McGilvary, Daniel
A half-century among the Siamese and Lao, London and New York, Fleming H. Revell Company. 435 pp.

Musso (Lahu) mentioned by this Presbyterian missionary, who lived in North Thailand from 1867. He notes their use of opium along the Mê Kok range.

Meares, C. H.
1909a 'The death of Mr. J. W. Brooke in Western China," Geographical Journal 34, 3: 340-41.
1909b 'Mr. J. W. Brooke's journeys in western Sze-chuan," Geographical Journal 34, 6: 614-18, 704.

Lolo occupy highlands near Fulin on Tung River, from which they raid the Chinese. Brooke went into Lololand, where he was murdered. Map. See Starr 1911.
Meillier
1918
'Note," Ecole francaise d'Extrême-Orient, Bulletin 18, 10: 55 .

Lolo armor from Kien-tchang donated to Museum of the School.

Meillet, Antoine, and Marcel Samuel Raphael Cohen, eds.
1952 Les langues du monde, 2 vols., Paris, Centre National de la Recherche Scientifique (lst ed., 1924, Paris, Librairie Ancienne Edouard Champion). 1294 pp.

Lolo has no final consonant and no initial consonant clusters. Lolo has 5 tones, Lisu 6 (pp. 554-55). First edition mentions hu-ni as part of the Lo-1o group (p. 369). Map XII.

Menguy, Marc
1960 "Les minorités ethniques de la Chine continentale," La Documentation Française, Notes et Etudes Documentaires, Série Politique 220, numero 2639, fevrier 27. 32 pp .

List of minorities (including Lisou, Lahou, Hani, Yi, Akka), populations, historical relations, constitutional status, regional autonomy, economic status, socialist transformation, political line toward minority
culture. Centralist policy via Party and minority organizations. Lou-han is a Yi frequently cited in the press, the former head of an expeditionary corps to Tonkin in 1945, and now governor of Yunnan. Maps.
Meng-zàng xún-kān
1935
"Jīn shā jīang líu yù zhi luo-10́ (The Lolo of the Jinsha or Yangtze River Valley)," Méng-zàng xún-kān (Mongolian-Tibetan Quarterly) 98.
Mesny, William
1884 "Lettre de W. Mesny à M. Henri Cordier sur le Ms. Lolo de Chang-hai datée 16 juillet 1883," Revue de 1'Extreme-Orient 2,4: 582-84.

Lolo writing, collected from chief called Ngan.
See Cordier 1907: 36-37.
Metford, Beatrix
1935 Where China meets Burma, London and Glasgow, Blackie G Son. 231 pp .

Lisu dress, hunting, crops, animism, ancestor worship, birth, marriage and death customs, housing. The dead are given 9 grains of rice and 9 pieces of silver to aid them in crossing 9 hills and 9 streams on 9 paths ( 7 of each for women). Flowery Lisu of Burma. Photos.

Review: Erik Seidenfaden, 1937, Siam Society, Journal 29: 151-53. Notes the Caucasian features of some Lisu.
Meyer, Roland Théodore
1930
Le Laos-Indochine frangaise-Exposition Coloniale International, Hanoi, Imprimerie d'Extrême-Orient.
Ill pp.

Khas-ko mentioned (pp. 24,26).
Mickey, Margaret P.
1948
A bibliography of south and southwest China, with special reference to the non-Chinese peoples and their relation to the peoples of adjacent areas, works in western languages, New York, Viking Fund. (1961, Ann Arbor, Mich., University Microfilms.) 161 pp.
Mieyaa, Pierre

1972

1973
"Cinquantenaire de la mission du Yunnan, 1922-1972," Feuilles Missionnaires 69: 1-13.

Lahu near Chang-in were missionized by the Peres de Bétharram from 1935, and were later persecuted for their Christianity by the Chinese.
"Un Apôtre: Le Père Jean-Pierre Oxibar," Feuilles Missionaires 71: 7-14; 72: 14-20; 73: 17-25.

Lahou south of Tali were missionized by Oxibar from 1935 to 1950. Known as "L'Apôtre des Lahous." Photos. See Saint-Guily 1964.
Military Research and Development Center, Bangkok
1968 Ethnographic map of Thailand, Bangkok, Military Research and Development Center.
Mínzú Huàbà o (Nationalities Pictorial)
1958
"Lā gū," Mínzú Hùabào no. 9: 13-19.
Lahu during the Great Leap Forward carried cut water conservation projects and set up fertilizer plants and agricultural machinery workshops to produce new tools and equipment. Since Liberation, the Lahu have built iron works, hydroelectric plants, textile factories, highways; they have made greater use of natural resources, eliminated diseases, and developed
films, radio, education, and a written language. Photos.

Photo of Lisu studying Mao's work in Thai-Chingpo Autonomous Zhou.
Mínzú Tuánjie (Nationalities Unity)
"Flying leaps in education in Liang Shan," Mínzú Tuánjǐe no. 11: 28.

Yi of Liang Shan in 1959 had 847 schools, 11 middle schools, 56,000 pupils (half the school-age population), 2,800 teachers (mostly Han).
1965 Lisu model worker.

## Missions Catholiques, Les

1881-82 'Mon district et huit ans de séjour au Yun-nan (Chine). Recit d'un missionaire," Les Missions Catholiques 13,

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Lahou converted, but now persecuted by authorities.
Mitsumori, Sadao
1945 Biruma, shan no shizen to minzoku (Land and peoples of Burma and the Shan States), Tokyo, Nihon Hyöronsha. 273 pp.

Lisu: Distribution, dress, life cycle. (Based mostly on Rose and Coggin Brown 1911.) Yawyin of Shan States are not genuine Kachin. d'Orléans claims they had a kingdom in eastern Tibet in the latter part cf the tenth century.

Akka, Lahu mentioned.
Mitton, Geraldine Edith (Lady Scott), ed.
1936
Scott of the Shan hills, orders and impressions, London,

John Murray. xii, 348 pp.
Muhso or Muso (Lahu) have septs (p. 167), have inhabited area east of Kengtung for several generations (pp. 212-13).

References to other works by Sir James G. Scott. Monbeig: see Liétard 1909b, Madrolle 1908.

Mong, Luc
1957 "The Houni people," Nhan Dan 1200: 3, June 21. ( English translation: Joint Publications Research Service DC198, The ethnic minorities of North Vietnam, July 1, 1958, pp. 11-13.)

Houni live in Chungchai and Sin-phinh in 13 hamlets, each with 11 to 90 inhabitants. Total of 603 in 1,800 square kilometers. The government has not levied taxes and has sent relief supplies of rice and cloth. Houni have only one buffalo for three families, and they do not grow sufficient rice. Kuomintang bandits still active in area. They cultivate and smoke opium, and are in poor health. Suggestions for economic, agricultural, medical, and educational aid. See Ha Bac 1964.

Mongkhonrat: see Lamjuan.
Mongolian-Tibetan Quarterly: see Méng-zàng xún-kān. Monpeyrat, J.
$1905 \quad$ 'Notes sur les Mousseux de la province de Muong-sing (Haut-Laos occidental), " Revue Indochinoise, n.s. 4: 1614-23. (First published 1904, Revue Coloniale: 373-85.)

Mousseux (Lahu) vocabulary.

Moore, W. Robert
1934 "Among the plains and hill people of Siam, "
National Geographic 55,5: 563-70.
Messu (Lahu) and Lissu color photos.
1963
"Burma, gentle neighbor of India and Red China,"
National Geographic 123,2: 153-99.
Lisu present at a Kachin festival in Myitkyina.
Photos.

Morrock, Richard
1972
'Minority nationalities in China," Journal of
Contemporary Asia 2: 181-91.
Akha, Lahu, Lisu, Norsu (Yi) mentioned.
Abolition of slavery among Norsu.
Morse, Robert H. (See also Bangkok Post 1973a, Boh 1967, Voegelin and Voegelin 1965.)

1962 Hierarchiacal levels of Rawang phonology, M.A. thesis, Indiana University. 90 pp .

Lisu have influenced the Tangsarr clan of the Rawang ( p .24 ) and some Rawang east of the Salween (p. 33). Map.
"Lisu of Thailand," Sawaddi, Nov.-Dec.: 17-20, 31, and cover.

Lisu include White, Black, and Red (Yunnan), Flowery (Shan States), and Lushih (Thailand). Houses vary, include log cabins (western Yunnan), adobe (eastern Yunnan), bamboo longhouses (Burma), and square frame structures, with dirt floors (Thailand). At Nokate, a man has 4 wives in one house, also 30 children and 43 grandchildren (of which 16 and 11 have died, respectively). Lisu adapt well and are pragmatists

Moseley, George V.H., III
1967a "Voices in the minority," Far Eastern Economic Review 55, 9: 405-07.

1967b

1967c

1973
"The right to be different," Far Eastern Economic Review 55, 10: 462-64.

Akha, Lahu, and Lisu are oriented toward Chinese culture, therefore attempts by Thai government to change their lives will lead to trouble. Both China and the West "brainwash" minorities by giving them no alternative but to follow their policies: the West offers material goods, China offers equality with the majority. Photos. The party and the national question in China, Cambridge and London, Harvard University Press. 186 pp.

Chinese official positions toward minorities. The consolidation of the South China frontier, Berkeley, University of California Press. 192 pp.

Chinese attitudes toward minorities in historical perspective. The best work available on this subject. Mueller, Herbert

1913 "Beiträge zur ethnographie der Lolo," Baessler Archiv 3,1: 38-68.

Lolo names, locations, subgroups, writing.
Catalogue description of the Weiss collection at the Museum für Völkerkunde, Berlin: dress, weapons, pipes, utensils. Map, illustrations.
Murchie, G. W.
1969
Communist Suppression Operations Command Hill Tribe leaflet program, Bangkok, Communist Suppression Operations Command, Psychological Operations Division. 6 pp.

Propaganda leaflets were distributed to troubled areas in northern Thailand. Three examples. In Thai and English.
Nabangxang, Chum, and Charas Mahawat
1964 History, geography, archaeology and hill tribes in northern Thailand, Bangkok, n.p. 274 pp.

Akha, Lahu, Lisu summary descriptions. In Thai.
National Geographic Society
1971 The peoples of southeast Asia (map), Washington, D.C., National Geographic Society.

Colorful map, with illustrations and distribution of major ethnic groups.
Nature
1888 "The non-Chinese races of China," Nature 38, 980: 345-46.

Lolo is a corruption of Lulu, name of a former chief. They call themselves Nersu. Other names. Physical appearance. Vocabulary. Based on Bourne 1888.

New China News Agency, (NCNA), Chaochueh (Pinyin: Zhaojue)
1956a "7,000 in Liangshan Yi area welcome 2nd Group Central Comfort Mission," Nov. 17 (English translation: Survey of the China Mainland Press 1427: 16.)
1956b
"Ex-slaves live in own houses in Yi area, Szechwan,"
Nov. 28 (English translation: Survey of the China
Mainland Press 1423: 21.)
New China News Agengy, (NCNA), Chengtu (Pinyin: Chengdu)
1956a
"First teachers' school built in Liangshan Yi nationality Autonomous Zhou (Szechwan)," Sep. 10 (English translation: Survey of the China Mainland Press 1369: 25, 1386: 8-9.)
"Government comforting mission leaves Chengtu for various autonomous areas. Second Group of Comfort Mission arrives $0-$ pian. Fourth Group of Central Comfort Mission reaches Sichang," Nov. 10 (English translation: Survey of the China Mainland Press 1427: 14-17.)

Yi visited by government teams. See 1956e, below. "United front expanded in nationalities areas in Szechwan Province," Nov. 17 (English translation: Survey of the China Mainland Press 1427: 12.)

Yi "upper circle personages" make contributions to socialism.
"Local minority nationals promoted to responsible positions in Szechwan," Nov. 22 (English translation: Survey of the China Mainland Press 1427: 12-13.)

Yi.
" 15,000 attend rally held in Sichang by Central Comfort Mission, Fourth Group. Fourth Group of Central Comfort Mission meets nationalities in Sichang," Nov. 20 (English translation: Survey of the China Mainland Press 1427: 19-20.)

Yi. See 1956b, above.
"Unprecedented bumper crops harvested in the former grainshort Tibetan and Yi areas of Szechwan," Oct. 14
(English translation: Survey of the China Mainland Press 1883: 37-38.)

Yi of Liangshan Autonomous Zhou harvested 700 million catties, about 300 per mou, or $750-1,000$ per individual. "Liangshan Yi nationality Autonomous Zhou (Szechwan) develops diversified economy," Dec. 24 (English translation: Survey of the China Mainland Press 1941: 3-4.)

Yi now exploit forests, herbs, groundnuts, paddy rice, wheat, and fish, in addition to maize and buckwheat.

1959a
"Production develops in former slave-owning areas in Szechwan," May 22. (English translation: Survey of the China Mainland Press 2025: 34-35.)

Yi of Liangshan turned out 2,000 tons of iron. $87 \%$ of Yi belong to cooperatives. "China's minority people have better food," Jul. 17 (English translation: Survey of the China Mainland Press
2061: 33 .)

Yi of Liangshan.
"Industry springs up in Southwest China national minority area," July 19. (English translation: Survey of the China Mainland Press 2062: 45.)

Yi and Tibetan areas have over 100 new factories in Szechwan.
"Ex-slaves in southwest China become workers," Sep. 17. (English translation: Survey of the China Mainland Press 2101: 31-32.)

Yi of Liangshan have improved agriculture, education, health, and transport, and have 2,000 mines and factories. "Former women slaves and serfs in southwest China receive college education," Mar. 1. (English translation: Survey of the China Mainland Press 2932: 15-16.)

Yi women study at Southwest Institute for Nationalities. "Commerce develops among former slaves in southwest China," Nov. 30. (English translation: Survey of the China Mainland Press 3112: 18.)

Yi of Liangshan: $41 \%$ of the 1,700 workers in state trading departments are Yi.
"Former slaves in Southwest China revolutionize farming," Dec. 17. (English translation: Survey of the China Mainland Press 3124: 15.)

Yi of Liangshan achieved self-sufficiency in 1960.
"Southwest China theatrical festival by former slaves," Jun. 29 (English translation: Survey of the China Mainland Press 3251: 22.)

Yi of Liangshan use folk songs and dances in new plays depicting Yi enthusiasm for agricultural collectives.
"Large numbers of former slaves join Communist Party in southwest China," July l. (English translation: Survey of the China Mainland Press 3252: 7.)

Yi of Liangshan comprise $90 \%(7,800)$ of the Communist Party members in the area. "Former women slaves advance farm production in southwest China area," Mar. 3. (English translation: Survey of the China Mainland Press 3411: 24.)

Yi of Liangshan: 2 of the 100 women holding official positions.
"Former slaves become industrial workers in southwest China," Apr. 30. (English translation: Survey of the China Mainland Press 3451: 20.)

Yi of Liangshan engage in generating power, metallurgy, tool making, vehicle repair, paper making, and motor transport.
"Children of southwest China slaves become fine citizens," May 30. (English translation: Survey of the China Mainland Press 3471: 10.)

Yi of Meika xian include 700 children of former
slaves brought up by the state and now engaging in socialist construction.
1965d "Southwest China minority people transforming farming methods," July 18. (English translation: Survey of the China Mainland Press 3502: 12.)

Yi practice terracing, irrigation, manuring, seed selection, and use experimental plots and new tools.
1965e "Former slaves make a success of agricultural cooperation," July 19 (English translation: Survey of the China Mainland Press 3503: 13.)

Yi of Wanigou cooperative in Liangshan doublecrop wheat and buckwheat, and grain production is now half a ton per capita.
"First generation of trained doctors among former Yi slaves," July 23. (English translation: Survey of the China Mainland Press 3506: 14.)

Yi of Liangshan: 240 of the 1,100 doctors there are Yi.
'Southwest China minority areas achieve self-sufficiency in grain," Sep. 22. (English translation: Survey of the China Mainland Press 3545: 17-18.)

Yi of Liangshan have doubled grain output in past 10 years due to new agricultural methods. $90 \%$ of the Yi are in agricultural cooperatives.
"Bumper harvest in southwest China minority areas," Oct. 30. (English translation: Survey of the China Mainland Press 3814: 25-26.)

Yi of Liangshan. No statistics.
"Southwest China minority area expands educational opportunities," Dec. 12 (English translation: Survey of the China Mainland Press 71-51: 102-03.)

Yi of Liangshan have 2,300 schools. There were 1,100 by 1960 , but Liu Shao-chi and his followers closed down half of them. Houkuomu town has a May 7
school.
"Southwest China minority people become army cadres," Apr. 12. (English translation: Survey of the China Mainland Press 73-17: 88.)

Yi of Liangshan make up over one-third of the battalion and regiment cadres in militia.
New China News Agency, (NCNA), Kunming

1955a

1955b

1955c

1956a
"Transport conditions in Lisu nationality Autonomous Area on Salween River improved," May 12. (English translation: Survey of the China Mainland Press 1052: 21-22.)

Lisu now have 3 post roads across Pilo Snow Mountains.
"Peasants in Lisu nationality Autonomous Area, Yunnan, carry out spring plowing," May 17 (English translation: Survey of the China Mainland Press 1055: 30.)

Lisu are being helped by production work teams (from Communist Party committees, state trade organs, bank, and sanatoria), labor model rallies to exchange experiences gained in the 1954 bumper crop harvest, and financial aid from Yunnan Provincial People's Council.
"Middle school opened in Nu Kiang Lisu nationality Autonomous Area, Yunnan," Sep. 29. (English translation: Survey of the China Mainland Press 1144: 13.) "Song and dance performances for border people," June 20. (English translation: Survey of the China Mainland Press 1316: 25.)

Hani and Lahu among those attending performances by a Thai touring group.

| 1956b | "Yunnan strengthens nationalities work in high mountain areas," July 8. (English translation: <br> Survey of the China Mainland Press 1335: 19-20.) |
| :---: | :---: |
| 1956c | Lisu, Yi, and other minorities are basically unchanged and need more attention. <br> "Land reform in minority areas in Yunnan," Oct. 6 (English translation: Survey of the China Mainland Press 1387: 8.) |
| 1956d | Hani, Lahu, and Yi areas undergo land reform. "Fifth Group of Central Comfort Mission visits Yi and Tibetan people in Yunnan," Nov. 14. (English translation: Survey of the China Mainland Press 1427: 20.) |
| 1958a | "Primitive national minorities of Yunnan frontiers expedite direct transition to socialist society," May 19. (English translation: Survey of the China Mainland Press 1783: 11-13.) |
| 1958b | Lisu were the first people to realize cooperativization. <br> "Bumper harvests of grain crops," Oct. 2. (English <br> translation: Survey of the China Mainland Press <br> 1874: 15.) |
| 1958c | Lisu of Nukiang Autonomous Zhou produced 2,500 catties of grain per capita. <br> "The Yi people of Hsiaoliang Mountains reap an unprecedented bumper crop after crushing the shackles of slavery," Oct. 9. (English translation: Survey of the China Mainland Press 1878: 30.) <br> Yi of Ninglang Autonomous Xian produced 150 million catties of grain ( 1,600 per capita), using 100,000 catties of manure per mou. |

1958d
"A big leap forward in cultural and educational enterprises emerges in minority areas of Yunnan province," Oct. 15. (English translation: Survey of the China Mainland Press 1883: 39.)

Yi of Ch'uhsiung autonomous zhou have eliminated illiteracy. South Yunnan University has been founded in Hungho Hani-Yi autonomous zhou.
'New development of nationalities relations in Tehung Area," Nov. 14. (English translation: Survey of the China Mainland Press 1918: 30-31.)

Lisu cooperative includes Thai, Chingpo, Han and others.
'Remote minority area develops industry in Yunnan," Nov. 22. (English translation: Survey of the China Mainland Press 1902: 33-34.)

Lisu make up $75 \%$ of the population of Nukiang autonomous zhou, established in August 1954. Over 10,000 workers man over 600 factories and mines, 130 steel furnaces, and 150 iron smelting furnaces, to turn out 70 tons of steel and 250 tons of iron, making the area self-sufficient. 60 kinds of new tools have been developed.
"Tremendous success in small minority area," Nov. 25. (English translation: Survey of the China Mainland Press 1904: 30.)

Lisu, Nu, Lemo, and Tulung are among the 120,000 inhabitants living along the Nu River. Due to irrigation and the use of 72 tons of manure per hectare, grain output has increased from 100 kilograms to 1.25 tons per capita. $86 \%$ belongs to cooperatives.

Industrial and educational progress.

1959c
"Abundance of grain creates problems for Lisu people," Dec. 19. (English translation: Survey of the China Mainland Press 1921: 9-10.)

Lisu have increased irrigation works, paddy fields, manuring, new farming methods. This winter's harvest was four times last year's. Average 800 kilo grain per person leading to storage, grinding, and preparation problems. Lisu song praises changes. "Investigations into the history of Yunnan minorities," Dec. 21. (English translation: Survey of the China Mainland Press 1921: 12.)

Central Institute of Nationalities and other institutions are investigating the history of minorities, including the Lisu.
'Draft of the 'Language Annals' of seven nationalities in frontier regions of Yunnan completed," Mar. 17. (English translation: Survey of the China Mainland Press 1982: 20-21.)

Lisu included.
"Autonomous area in southwest China plans big leap forward," May 10. (English translation: Survey of the China Mainland Press 2014: 32-33.)

Hani and Yi of the Upper Red River, where $70 \%$ of the 1.88 million inhabitants were landless and $2 \%$ were feudal lords, underwent land reforms in 1956.
"Yunnan's minority areas leap forward," May 18. (English translation: Survey of the China Mainland Press 2018: 13-14.)

Lisu Autonomous Zhou receives $90 \%$ of its annual
budget from the State.
"Rice planting completed in southwest China Autonomous Xian. " July 6. (English translation: Survey of the China Mainland Press 2052: 27.) Lahu of Lantsang planted $67 \%$ more paddy this month than last year.
"Five nationalities run successful commune in Southwest China," Dec. 1. (English translation: Survey of the China Mainland Press 2150: 29-30.)

Yi, Lisu, Pai, Hui, and Han included among the 9,500 households of Fengmi People's Commune, Tali Pai Autonomous Area. Lisu and Yi helped build a dam across Polo River, although they will not benefit from it directly, since they live in the hills. Agricultural and industrial progress.
"Multi-national literature in southwest China province," Apr. 5. (English translation: Survey of the China Mainland Press 2235: 36.)

Yi novel, "The Merry Kinsha River," by L. Chiao, describes the changes in the Yi area. A culture history of the Yi has also been compiled. 'Ma Cheng-ch'ang, good guide of the Pula people (Yi nationality)," Oct. 10. (English translation: Survey of the China Mainland Press 2362: 13-15.)

Pula, a Yi people, were urged to build irrigation works, roads, and schools in Nanshan, Red River Commune, Yuankiang Xian. Written by NCNA correspondent Yeh Tzu-chien.
"Study of minority peoples in Southwest China Province," Mar. 9. (English translation: Survey of the China Main-

1and Press 2456: 17.)
Yi epic, describing the origin and struggles of the Yi ancestors, has been translated into Chinese. "Gathering of the various Lahu tribes at Lan Tsang, in Yunnan Province, to celebrate the tenth anniversary of the founding of the Autonomous Xian," Apr. 12.

Lahu joined by Hani, Yi, Bulang, Tai, Hwei He, Jingpho at Meng Lang Ba on April 7. Executive officer Li Gwang-hwa, a Lahu, addressed the 5,000 people and pointed out the advances made by the Xian's 100,000 Lahu and China's 190,000 Lahu.
"Southwest China national minority region prospers," May 14. (English translation: Survey of the China Mainland Press 2982: 16-17.)

Lahu of Monlengba, seat of Lantsang autonomous xian, with 10,000 inhabitants, have made progress. "A network of highways built in Yunnan," Feb. 7. (English translation: Survey of the China Mainland Press 3169: 10-12.)

Lisu of Nukiang autonomous zhou have saved 780,000 labor units since they no longer have to act as porters, thanks to a new all-weather road to Kunming 'Tenth anniversary of southwest China autonomous xian celebrated," May 22. (English translation: Survey of the China Mainland Press 3227: 16.)

Hani, Lahu, Yi, and 9 other nationalities included in Kiangcheng Hani-Yi autonomous zhou. $80 \%$ of the 40,000 inhabitants are in agricultural cooperatives. "State helps national minorities in southwest China," July 5. (English translation: Survey of the China

Mainland Press 3255: 23-24.)
Lisu of Nukiang autonomous zhou have received farm tools and cattle from state.
"Southwest China minority area self-sufficient in handicraft articles," Sep. 16. (English translation: Survey of the China Mainland Press 3302: 18-19.)

Lisu and others of Teh-hung Tai-Chingpo autonomous zhou make own tools, aided by 200 Han instructors.
"Fraternal solidarity among nationalities in southwest China province," Oct. 12. (English translation: Survey of the China Mainland Press 3319: 19-20.)

Yi, Hui, Miao, and Han of Hsuanwei Xian have increased their grain output five times since 1949.

Hani and Lahu have been aided by the Tai in improving agriculture.
"Southwest China minority area celebrates tenth anniversary," Dec. 7. (English translation: Survey of the China Mainland Press 3354: 11-12.)

Lisu of Nukiang autonomous zhou have been selfsufficient in grain since 1962, they have doubled cultivated area to 3,733 hectares, and yields are $70 \%$ above those of 1953.
"Progress in a southwest China national minority area," Dec. 11. (English translation: Survey of the China Mainland Press 3357: 17-18.)

Lisu of Nukiang Autonomous Zhou have made great improvements. Pre-Liberation, traders demanded a chicken for a single needle. Now three bridges cross the Nu River, and goods are reasonably priced. Lisu
account for half of the 220,000 inhabitants, which includes 16 other nationalities. Pei Ah-chien, chairman of the zhou, was deputy to the third National People's Congress and was elected to the Presidium in 1964.
'Thriving agricultural cooperative of Lisu people in Southwest China," Dec. 19. (English translation: Survey of the China Mainland Press 3363: 18-19.)

Lisu of Nipolo agricultural cooperative, who used to pay 24 different kinds of taxes and often ate bark and grassroots, have increased their grain harvest fivefold, to 450 kilo per capita.
"New life for long exiled Chinese minority peasant," Jan. 11. (English translation: Survey of the China Mainland Press 3378: 19-20.)

Lisu family returns home after having taken refuge from Kuomintang and reactionaries. "Hilly Yi people's commune in Yunnan thrives," July 26. (English translation: Survey of the China Mainland Press 1508: 14-15.)

Yi of Lungshan extend irrigation to 110 hectares. The 300 families also sell fruits, fish, and timber. "Nanchien Yi Autonomous Xian, Yunnan Province, inaugurated," Dec. 2.(English translation: Survey of the China Mainland Press 3593: 18.)

Lisu, Yi, and 8 other nationalities included in 113,000 inhabitants ( $48,900 \mathrm{Yi}$ ), south of Tali. "Southwest China minority people creatively study, apply Mao Tse-tung's thought," Dec. 15. (English translation: Survey of the China Mainland Press 4323:

Lisu of Nukiang Autonomous Zhou have set up over 8,000 Mao thought study classes.
'Medical team serves minority nationalities in Yunnan Province," June 5. (English translation: Survey of the China Mainland Press 4434: 17-19.)

Lisu given medical help.
"Family study classes in Mao Tse-tung thought thrive in minority national production brigade in Southwest China," Aug. 1. (English translation: Survey of the China Mainland Press 4471: 19-20.)

Lisu of Otolo production brigade, Tungfanghung commune, on Kaolikung Mountain. "Southwest China minority area expands industry rapidly," May 12. (English translation: Survey of the China Mainland Press 4660: 89-90.)

Hani-Yi Autonomous Zhou.
"South China commune transforms mountain villages in true revolutionary spirit," July 19. (English translation:
Survey of the China Mainland Press 70-30: 91-93.)
Lisu of Liuten commune, Yungsheng xian, in Xiao liang shan, practice irrigation. "Minority lumbermen mature politically in southwest China," Nov. 14. (English translation: Survey of the China Mainland Press 71-47: 99-100.)

Yi of Ninglang have a forestry bureau (with 300 workers) that has built 152 km . of road, 80 km . of telegraph lines, leveled storage areas, constructed transport lines and overhead cable in the past 18 months.

1972e
"Southwest China minority people and schools," Feb. 8. (English translation: Survey of the China Mainland Press 72-8: 70-71.)

Lisu, Nahsi, Yi, and others of Lichiang have new schools. Ningland Yi autonomous xian. "Southwest China border area trains industrial workers of minority nationalities," July 1. (English translation: Survey of the China Mainland Press 72-28: 149-50.)

Hani, Yi, and other minorities constitute half the industrial workers of Hungho Hani-Yi autonomous zhou, with 270 state enterprises and 500 workshops. "Minority area in southwest China prospers," July 8. (English translation: Survey of the China Mainland Press 72-29: 103-04.)

Yi, Yao, Miao, Chuang, and Han live in Tayaoshan.
"Multi-national commune prospers in southwest China border area," Sep. 6. (English translation: Survey of the China Mainland Press 72-38: 67-68.)

Lisu and others of Pienkukang commune, Nukiang Lisu autonomous zhou. "Southwest China minority area improves health work," Oct. 16. (English translation: Survey of the China

Mainland Press 72-44: 16.)
Lisu, Tulung, Nu, Nahsi, Yi, Chingpo, Tibetan of Nukiang Lisu autonomous zhou have 41 medical and health institutions staffed by 449. 80 qualified doctors and many barefoot doctors have been trained from minorities.

1973
"Cultural life in southwest China minority area," Aug. 27. (English translation: Survey of the China Mainland Press 73-36: 167.)

Lisu-Chingpo-Tai-Han newspaper of Teh-hung TaiChingpo autonomous zhou has a circulation of 10,000 . New China News Agency (NCNA), Kweiyang (Pinyin: Guiyang)

1959 'Plenty of children among minority people of Southwest China," May 27. (English translation: Survey of the China Mainland Press 2024: 16-17.)

Yi and Kweichow's 11 other minorities increased $9.6 \%$ to 4.36 million from 1953 to 1958 , due to improved conditions.
"Southwest China autonomous xian increases supplies to minority peoples," Jan. 22. (English translation: Survey of the China Mainland Press 73-6: 24-25.)

Yi like the laces, silk handkerchiefs, and sashes with floral designs that are provided by trading company in Weining xian, Kweichow.
New China News Agency (NCNA), Peking (Pinyin: Beijing)
1956a
"Deputy of Lisu addresses June 27 session of National People's Congress," June 27. (English translation: Survey of the China Mainland Press 1321: 6-7.)

Lisu deputy Pei Ah-chien asks for new written Lisu language, roads, and bridges for Nukiang autonomous
zhou.
"Yi deputy on end of slavery at June 29th session of National People's Congress," June 29. (English translation: Survey of the China Mainland Press 1323: 6.)

Yi deputy Wang Hai-min.
"Crop increases in minority areas," Oct 16.(English translation: Survey of the China Mainland Press 1879: 23-24.)

Lisu of Nukiang autonomous zhou harvested 180,000 tons of grain, a sevenfold increase over last year, and an average of 1.2 tons per person, more than twice the national average.
"From slavery to socialism for Yi people in Szechwan," Dec. 15. (English translation: Survey of the China Mainland Press 1921: 10-11.)
'Name list of the National People's Congress Nationalities Committee," Apr. 28. (English translation: Survey of the China Mainland Press 2008: 2-4.)

Lahu delegate: Li Kuang-hua; Lisu: Fu I-chih. (Fu was re-elected to the committee in 1965. He was deputy to the Second National People's Congress in 1959.)
"Progress of Yi people of southwest China minority area," Aug 15. (English translation: Survey of the China Mainland Press 2080: 35-36.)

Yi of Liang shan autonomous zhou, Szechwan, have 33 communes, over 1,000 cooperatives, 4,700 factories and mines, and 13,900 members of the Youth League and Young Pioneers.

1959c

1968

1972

## Newsweek

1946 "Slaves of the Lolo," Newsweek 28, 15: 37, Oct. 7.
Lolo rumored to be holding U.S. flyers as slaves.
In 1944, several airmen were ransomed from them. Photo.

Ng, Ronald C. Y.
1971
"Population explosion in the north Thai hills," Geographical Magazine 43: 255-63.

Akha, Lahu, Lisu mentioned. Erroneously states
that Lisu live in villages of a hundred or more houses, whereas there are only two such villages of the 60 Lisu villages in northern Thailand. Photos, map.
Ngoenyuang, Sanit, and Wichit Khumsap
1969
Yaw-Iko-Musoe (Yao-Akha-Lahu), Bangkok, n.p.

Akha, Lahu: Introductory summaries.

Nguyen Van Huyen
1934
Introduction a l'étude de l'habitation sur pilotis dans l'Asie du Sud-est, Paris, Librairie Orientaliste Paul Geuthner. xxiii, 222 pp.

Lolo of Bao Lac, Vietnam, have houses on stilts, poorer ones on ground (p. 33).

Nhom Nghien Cuu Dan Toc (Cua Uy-Ban Dan-Toc), Minority Peoples Study Group (of the Committee of Minority Peoples)

1959
Cac dan toc thieu So 0 Viet-Nam (Minority peoples of
Viet-Nam), Hanoi, Nha Xuat Ban Van Hoa.
Lolo mentioned.
Nishida, Tatsuo

1965-66

1966a

1966b

1966-67
"Aka-go no onso taikei (The Phonemic system of Akha. A preliminary report on the Akha language, a language of a hill tribe in northern Thailand)," Onso Kagaku Kenkyū (Studia Phonologica) (Kyoto) 4: 1-37.
"Bisugo no kenkyū: Taikoku hokubu ni okeru Bisuzoku no gengo no yobiteki kenkyu (A preliminary study of the Bisu language)," Tónan Ajia Kenkyū (Southeast Asian Studies) 4,1: 65-87.

Bisu has not been reported as an ethnic group by anyone else. In Japanese.
'Taikoku hokubu no gengo chosa ni tsuite (Some notes on a linguistic survey in northern Thailand)," Tónan Ajia Kenkyú (Southeast Asian Studies) 3, 3: 11729.

In Japanese.
"Bisugo no keitō (The Lineage of Bisu. A comparative study of the Bisu, Akha and Burmese languages I-II),"

> Tōnan Ajia Kenkyū (Southeast Asian Studies) 4,3: 4268, 5: 52-68.

> In Japanese.

1967a

1968b

1969
'Taikoku Tahku ken ni okeru Risu-zoku no kotoba no yobi hökoku (A preliminary study on the Lisu language in Tak province)," Tōnan Ajia Kenky $\bar{u}$ (Southeast Asian Studies) 5,2: 48-79 (276-307).

Lisu phonology, based on a week's study in the same village as Roop (1970). In Japanese.
A short report on the linguistic survey of hill tribes in Thailand, Report to the National Research Council, Bangkok. 2 pp .

Bisu, Akha, Lisu, Lahu.
"Lisu-go no hikaku kenkyū I-II (A comparative study of the Lisu language I-II)," Tōnan Ajia Kenkyū (Southeast Asian Studies) 6,1: 2-35, 2: 19-47 (261-89).

In Japanese.
"Roro-Biruma-go hikaku kenkyū ni okeru mondai (Some problems in proto Lolo-Burmese)," Tōnan Ajia Kenkyū (Southeast Asian Studies) 4,4: 198-219.

In Japanese.
"Rafu-shi-go no kenkyū: Taikoku Chenrai-ken ni okeru Rafu-shi-zoku no kotoba no yobi-hokoku (A preliminary study on the Lahu Shi language in Chieng Rai province)," Tōnan Ajia Kenkyū (Southeast Asian Studies) 7,1: 2-39.

In Japanese.
Nyunt, Khin Maung
1969

$$
\begin{aligned}
& \text { "Little known Kaws," The Guardian (Rangoon) } 16,1 \text { : } \\
& 28-32 \text {. }
\end{aligned}
$$

Ollone, Henri Marie Gustave, Viconte d' (See also Maitre 1908, Maitre

1907a "La mission du capitaine d'Ollone. Traversée du
pays des Lolos," Société de Géographie de Lyon et de 1a region lyonnaise, Bulletin 22, 137: 147-48.
"La traversée du pays des Lolos par le Capitaine d'Ollone," Société de géographie de Lyon et de la region lyonnaise, Bulletin 22, 138: 203-04.

Lolo country is divided into rival fiefdoms.

1907c

1907d

1907

1911 "Mission d'Ollone," La Géographie 16,1: 71-73, $\underline{3}$ : 19697.

Lolo: Progress of the expedition.
"Rapport du Capitaine d'Ollone," La Géographie 16,4: 265-69.

Lolo: First voyage by a European going west to east across Ta Liang Shan (but cf. Bonin 1907). "Lettre du 1 Octobre 1907 de Yunnan-fou," Ecole française d'Extrême-Orient, Bulletin 7, 3-4: 440-42.

Lolo inscriptions and books found near Wei-ning, Kweichow.
Les derniers barbares: Mission d'011one 1906-1909: Chine-Tibet-Mongolie, 3d ed., Paris, Pierre Lafitte. (Engiish translation by Bernard Miall, In forbidden China: The d'01lone Mission 1906-09: China-TibetMongolia, Boston, Small, Maynard and Company, London and Leipzig, J. Fisher.) 372 pp.

Lolo depend upon Chinese for firearms and cloth. Chinese get wax from Lolo. Lolo may enter towns, leaving weapons at gate and hostages with yamen, but Chinese do not have reciprocal rights of entering Lolo territory unless a Lolo extends his protection.

Chinese who enter are killed or enslaved. Lolo raid Chinese. Long-tiu-shan (Lolo: Chonolevo) is the cradle of Lolo ancestors. In past 200 years, Lolo have moved west. Seigneur-warriors, serfs, and slaves each of whom has several subclasses. Seigneurs are divided into clans with council or ruler. In 1868, General Chao was defeated by the Lolo. Since then, Chinese have made a score of attempts to regain the country, the latest in 1905 under commissary Chang and the Lolo prince, Chaowu. Eldest son inherits political power, but youngest is given advantage in herds, houses, and land. Women receive dowry. For three years after death, the soul roams; an effigy of wood, hemp, or orchid root, in which magical formulas have fixed the soul, is kept in a box or under the roof. At the end of three years, the effigy is thrown away, the body is exhumed and burned, and the ashes are put in an urn and buried in a new location. Sinicized Lolo.

Lissou are said to intermarry only with Mitcha or Minkia. Lissou vocabulary from Mitala, near Woutingtcheou, just north of Kunming. Maps, photos.
Langues des peuples non chinois de la Chine, Mission d'Ollone, vol. 6, Paris, E. Leroux. 244 pp.

Lolo vocabularies, nos. 14 (by Liétard), 15 (Maire), 16 (Tapponier), 17 (Lepage), 18 to $\underline{22}$ (d'Ollone), $\underline{23}$ (the Mitcha who intermarry with Lissou and Minkia), 24 (Lipou or Lissou), 25 (Lissou west of Wutingchow, by Charria and Monbeig), 26 (Lolopo, by Liétard), 27, 28 (the Née), $\underline{29}$ (the Chouitien,

Sinicized Lolo, by de Fleurelle), 30, 31 and 32 (d'Ollone).

Ecritures des peuples non chinois de la Chine; quatre dictionnaires lolo et miao tseu, Mission d'Ollone 1906-09, vol. 7, Paris, Ernest Leroux. 301 pp.

Lolo writing used for family books and for legends (deluge, dispersion of races, description of animals, rivers, and mountains). Four Lolo inscriptions. Dictionaries of characters used near Kang siang ying (250 characters), Kiao kio (480), Wei ning tcheou (1030). Map.

Reviews: by A. Vissière, 1913, Asie Française: 46-48; 1913, Missions Catholiques 45: 144; by E.H. Parker, 1914, Asiatic Review: 261-63.
Orléans, Henri Philippe Marie, Prince d' (See also Scott and Hardiman 1900.)
"From Yun-nan to British India," Geographical Journal 7: 300-09.

Lissu: The wild Lissu constantly raid and kidnap the Lissu and Lamajen of the Mekong for slavery or ransom. Map.
Du Tonkin aux Indes, Paris, C. Lévy. (English translation by Hamley Bent, 1898, From Tonkin to India by the source of the Irawadi, January '95-January '96, London, Methuen.) 467 pp.

Lissou: Orléans passed east and north of the main Lissou area in 1895, but he collected two vocabularies (Nos. 20,23). Their language resembles Lochai and Lolo. The Lissou collect tribute from Kioutses, whom they have driven west; perhaps they
came from the south, because of legends about elephants.

Akha of Pichu, vocabulary No. 9. (No. 10 is possibly Akha.)

Lolo vocabularies (Nos. 7, 12). Pula (not Liétard's Phupha) (No. 1). Map, illustrations.
Oughton, Gary
1969
Hill-tribe agriculture in northern Thailand (manuscript), Chiang Mai, Tribal Research Centre-Agricultural Research Office.
Oxibar, Jean-Pierre
1959 "A la recherche des Lahous," Feuilles Missionaires 16: 1-5.

Lahu spirit possession in a village in Chiangdao district, Thailand. Photos. See Saint-Guily 1964, Mieyaa 1973.
Palangtirasin, Ome
1970
'Hill tribes: The hidden minority," Bangkok Post, Sep.

Akha, Lahu, Lisu: Efforts to win their loyalty. Unsuccessful approach of government's mobile contact teams. Related articles in same issue on 'Terrorism in Thailand" and "Rehabilitation is the CSOC's aim."
Parker, E. H.
1895
"The Lolo written character," Indian Antiquary 24: 172.
Parsons, Hy
"Aborigines in West China," Missionary Review of the World 54,2: 87-90.

Ko-pu, a branch of the No-su, were probably former serfs of the No-su. Located north of Tong-Chuan in
villages of 5 to 60 families. They recognize their inability to withstand the Chinese, who are encroaching on their land, and this has been a factor in their movement toward Christianity. In litigations, the Chinese bleed both parties. The Ko-pu worship Ya-so-mu, the all-powerful, and keep ancestral tablets. They have copied the Chinese in smoking opium and now grow their own. Photo.

Paw U, Richard
1961
Report by Mr. Richard Paw $\underline{U}$ on a field trip undertaken in connexion with the project on a socioeconomic survey of the hill tribes of northern Thailand, Bangkok ECAFE Division of Social Affairs (mimeographed). 46 pp .

Lisu and Lahu of Tak nikhom (reservation). Maps.
Peet, Lawrence J.
1961 Lahu language lessons-Looking for a loquacious Lahu, Tak, n.p. (mimeographed). (Reissued 1964, Chiang Mai,
Towards a more loquacious Lahu.)
Lahu language of Tak, Thailand.
Peking Review.
1975
"A national minority area in Yunnan Province," Peking Review 18,5: 22-23.

Lisu of Nuchiang Autonomous Chou: $90 \%$ of cadres at prefecture, county, commune, and brigade level are minority members. 7,700 theoretical workers and 210 schools for criticizing Lin Piao and Confucius. Of the 2,700 Tulung, 58 are Party members and 110 cadres.
Pelliot, Paul
1904
'Deux itińeraires de Chine en Inde a la fin du VIIIe siècle," Ecole Française d'Extrême-Orient, Bulletin

4,1-2: 131-413.
Based on Sin t'ang chou (New History of the T'ang) by Kia Tan, written about 785-805 A.D. The eastern Ts'ouan (Wou-man, Black Man) include the Lou-lou (k 222, p. 8) which Yuan historians identified with Lolo (Yuan che lei pien k 42, p. 65). They were located southeast of Yunnansen, as far as Pou-t'eou, or Linngan (pp. 137-38). Lolo writing and inscriptions (pp. 154-55, 159).
People's Republic of China
1954
 in the New China), Peking, People's Republic of China Foreign Language Press. 24 pp .

Yi: A large color photo of Yi celebrating the Torch festival in Milo County. (Captions in Chinese, Russian, French, Indonesian, and Arabic.)
Perazic, Elizabeth
1960 "Little Laos next door to Red China," National Geographic 117,1: 46-69.

Akha of Muong Sing: photos.
Percheron: see Teston and Percheron 1932.
Phanphayap, Nopphaburi
1967 Chaaw Khǎw (Hill peoples), Chiang Mai, n.p.
Akha, Lahu, Lisu: Short cultural summaries.
In Thai.
Phillips, J.F.V., W.R. Geddes, F.T. Merrill, and A. Messingzejewski:
see United Nations 1967.
Playfair, George Macdonald Home
1876 "The Miaotzu of Kweichow and Yunnan from Chinese
descriptions," China Review 5: 92-108.
Kouo-lo (originally Lou-lou) located in Ta-ting prefecture of Kweichow and most prefectures of Yunnan. They are divided into Black and White. Their clothes of grass (hemp?), their hair in knots similar to those of the Li Sou. In the little Han period (ca. 221 A.D.), Tchou-ko-liang (Wou Hou) fought Meng Houo and was made prince of Lo-tien; he also brought fire to the Kouo-lo. See Clarke in Colquhoun 1883; Cordier 1907: 6-7.

## Pollard, Samuel (See also Hammerton 1922-24.)

1911 Tight corners in China, London, Andrew Crombie. 2d ed. 167 pp .

Nosu nearly kidnapped Pollard, then nearly had him marry a Nosu. A missionary's anecdotal adventures. Photos. In unknown China, Philadelphia, J.B. Lippincott Company; London, Seeley, Service \& Co. Ltd. 324 pp.

Nosu dish of sheep liver, stomach, and heart, which are minced, spiced, and eaten with porcupine quill. Nosu use white towers as refuge. Nosu have Chinese tenants (pp. 63, 84, 93, 98, 103, 106). Va-sa-neh, the flying pony. Nosu send 48 horses to Peking as tribute (pp. 134-35). Ranked groups: Earth Eyes (landowners registered with Chinese), Black, White, Lama Tibetans (?), slaves. Three souls; at death, one goes to heaven, one to grave, and one to Hades (but kept in basket in corner of house). Chinese hire Nosu mercenaries in Mohammedan revolt; Nosu ambush Taiping rebels. Opium growing. Spririt mediums.

Manuscripts. (Pages 178, 180, 234-35, 238-39, 246-66, 288, 311-12.) Maps, photos.

Review: 1921, Geographical Journal, 58: 387-89.
Pritchard, B.E.A.
1914 "A journey from Myitkyina to Sadiya via the N'Mai Hka and Hkamti Long," Geographical Journal 43: 521-35.

Lissu came to dig for gold at A'mekh River junction in previous few years, driving out the Naingvaws from the $\mathrm{N}^{\prime} \mathrm{Mai}$ area. Lissu trade metal pots and blue Chinese coats for the rice, eggs, and salt of the Naingvaws.
Pu, Kuei-chung
1958
"Yi slaves of Xiaoliangshan head for socialism," Gūang-míng rìbào Sep. 9 (English translation:
Survey of China Mainland Press 1928: 19-21.)
Yi autonomous xian, Ninglang, Yunnan, has 94,000 inhabitants of 12 nationalities. Slavery was abolished in 1956-58, and the 10,000 freed slaves were first in agricultural cooperatives and industry during the Great Leap Forward. 4,000 were labeled slave-owners, and saboteurs of the Leap were dealt with. The author is secretary of the Communist Party Working Committee, Yi Autonomous Xian, Ninglang.

Puttawatana, Pichai
"Hill tribes of the north," Journal of Social Science Research.

Akha, Lahu, and Lisu: short cultural descriptions. In Thai.
Qǔ, Běn-zang-yáo, and Gảo Bó-shēn
1934
"Xī-nán guo fáng yǔ lǔo-yí mín-zú (Southwestern
national defense and the Lolo tribes)," Fang-zhi yuekān (Fangshi Monthly) 7,5.
Rachanee, M. C. Bhisatej
1972 "News from the poppy fields," The Nation, Sep. 3: 3.
Lisu from Burma attempt to sell opium in
Thailand, but government enforcement of law scares buyers.

Rajan, Bhistej
1970
His Majesty's assistance to the hill tribes, Bangkok, Royal Thai Government. 5 pp.

Akha, Lahu, Lisu receive medical help, advice on sericulture and vegetable growing.
Raquez, A.
1902
Pages laotiennes, Le Haut-Laos Le Moyen-Laos Le Bas-Laos, Hanoi, F.-H. Schneider, Imprimeur-Editeur. 537 pp.

Mouceu (Lahu?) near Xieng Kok offer to the spirit of the household during fourth month (pp. 301-04).
Rashid, Mohammed Razha: see Walker, ed., 1975.
Ratzel, Friedrich
1888 Völkerkunde, 3 vols., Leipzig, Verlag des Bibliographischen Instituts. 778 pp .

Lissu ( $\underline{3}$ : 340), Lolo ( $\underline{3}: 509-10$ ) mentioned.
Reclus, Elisée, and Onésime Reclus
1902 L'Empire du milieu, Paris, Librairie Hachette et Cie. 667 pp.

Lolo may mean someone who cannot speak properly. Also called Laka. Came from Chensi. In Ningyuen, they have become Chinese, even passing the examinations to become mandarins. Black Lolo only slightly darker
than White. Physical description by Thorel (pp. 31921).

Reinhard, Kurt
"Die Musik der Lolo," Baessler Archiv 28, n.s. 3: 195216.

Lolo music in Western notation.
"Acht Lieder sinisierter Lolo," Baessler Archiv 29, n.s. 4,1: 105-16.

Lolo songs.
Ren, Chen-tong
n.d.
"A study of the rural economy of the Lolo,"
Reconstruction Weekly 7, 13.
Black Lolo families average 5.30 plus 10 slaves;
White Lolo families average 6.34 members. Average income for Black famịly is $\$ 485.66$, for White $\$ 60.21$. Author is an agricultural economist, who worked among the Lolo about 1918.

## Rén-mín rì-bào <br> 1959a

1959b

1959c "New cities and towns spring up in Liangshan Yi
nationality autonomous zhou," Nov. 8. (English translation: Survey of China Mainland Press 2150: 34-35.)

Yi have one city over 10,000 (Chaochueh, the capital), and five others over 1,000 (Meiku, Put'o, Kanlo, Wakang, and Puhsiung).
"Over one hundred work teams and work groups of the People's Liberation Army in Yunnan....," Sep. 3. (English translation: Survey of China Mainland Press 2828: 1-2.)

Lisu are guided by Chinese soldiers in agriculture and education. Many Lisu had never eaten rice before, now they have paddy fields, and often place a bowl of cooked rice before the portrait of Mao. "Education develops rapidly in areas of national minorities in Yunnan," Nov. 6. (English translation: Survey of China Mainland Press 3107: 15.)

Lisu: The first Lisu teacher graduated from Kunming Normal College in 1962. "People of various nationalities in Nuchiang autonomous region, Yunnan, creatively study and apply Mao Tse-tung's thought by integrating it with the struggle-criticism-transformation movement," Jan. 9. (English translation: Survey of China Mainland Press 4578: 133-36.)

Mao thought study classes inspire the Lisu toward new progress in the direction of socialism. "Under the guidance of Chairman Mao's revolutionary line, minority nationalities cadres are growing up and maturing," Jan. 13. (English translation: Survey of China Mainland Press 72-4: 137-38.)

Liangshan Yi: Liu Shao-chih and his agents allowed former slaveowners to take important posts; now the emphasis is on ideology. Over 50 'May $7^{\prime \prime}$ schools. At xian level, $51 \%$ cadres are $Y$ i; at $2 h o u$, commune, and village levels, $80 \%$ are Yi, mostly of serf background. In 1970; a "learn from Tachai" campaign was begun in the zhou. Wang Hai-min, former serf who joined the Red Army in 1935 and is now the zhou Party secretary, talked to cadres of the struggle between two lines, and led a visit to Walikou commune, an advanced example of learning from Tachai. Pan p'o commune is another advanced unit, partly due to the efforts of He-i-po, former serf who is now political instructor of the local nilitia company.
'Seriously carry out the party's nationality policy and cadre policy on a solid basis," June 11. (English translation: Survey of China Mainland Press 72-25: 187-89.)

Lisu: Party committees of Nuchiang Lisu autonomous zhou stress re-education of old minority cadres, and training and promotion of new minority cadres. For example a Lisu ex slave had become a cadre, but erred. He was criticized, exposed to Mao thought, and now he is active once again.
"Minority nationality cadres in Ssumao district grow up rapidly following tempering in the Great Proletarian Cultural Revolution," Mar. 30. (English translation: Survey of China Mainland Press 73-15: 136-37.)

Laku, Hani, Yi, Pulang, K'uts'ung: $36 \%$ of all cadres in Ssumao district are minority peoples.

Rheinwald, Otto
"Die nicht chinesischen Stämme Südchinas, Ein Über blick," Mitteilungen Deutsche Gesellschaft für Naturund Völkerkunde Ostasiens 33, part A.
Richtohofen, Ferdinand, Baron de (See also Tiessen 1907.)
1903
Baron Richthofen's letters 1870-1872, 2d ed., Shanghai, North China Herald. 211 pp.

Lolo raid Chinese (pp. 67-68), raid for salt in Szechwan (pp. 186-87), opium growing.

See Cordier 1907: 56-57.
Roberts, T. D. : see Henderson 1971a, Whitaker et al. 1972.
Robinson, Joan
1975
"National minorities in Yunnan," Eastern Horizon 14,4: 32-43.

Hani underwent land reform, 1953-54. Nu had common forest parceled out by chief.
Rocher, Emile
1879-80 La province chinoise du Yün-nan, 2 parts, Paris, Ernest Leroux. 286 pp.

Lissou live along both sides of the Salween, north of $27^{\circ}$. Lolo (I-jên) of Liang shan have been peaceful for the past 17 years. In K'un-yang, much of the valley population has fled, and $I$-jên have replaced them. I-jên of Hsin-kai have been decimated by the plague. I-jên work iron industry in Hsi-o-hsien (pp. 68, 115, 117, 130-34). Revolts in 60 B.C., 58 A.D., 1294, 1330, and 1775 (pp. 153, 172, 174, 193). I-jên live alongside $\mathrm{Pa}-\mathrm{i}$ and Chinese (pp. 139, 250, 274). Map.

Rock, Joseph Francis Charles
1947
The ancient Na-khi kingdom of Southwest China, 2 vols., Cambridge, Harvard University Press. 554 pp.

Lisu rebellions from 1592 on. Rock visited several Lisu villages, including Ba-ssu-ko, with 130 families. Some Lisu speak Nakhi and Chinese. High incidence of cretinism and interbreeding, many afflicted with goiter.

Lo-lo forced to migrate by clan feuds from Ta liang Shan to Yunnan have cut down pine forests for fields. Near Shih-ku, Lo-lo live alongside $\mathrm{Na}-\mathrm{khi}$ and Li-su. In 1796, Chinese killed many Lo-lo rebels. Constant Lo-lo plundering and raids have given them the upper hand, and the other tribes and the Chinese of the area live in fear of them. Tso-so T'ussu lives in constant fear of his Lo-lo "subjects." Kua-pieh T'ussu, a Mo-so, was killed by Lo-lo in 1924. Yung pei t'ing records mention Lo-lo as original inhabitants of Yung-ning Lake.

Nu-tzu (Nu or A-nu) live along Salween, from Lyu ra-gang north to Sang-tha (north of the Black Li-su). Also called Lu-tzu at Bahang. Staple is maize. Mentioned in Yun-nan T'ung-chih and Li-chiang fu chih lüeh. Village locations and populations. Superb maps and photos. See Sutton 1974.

Rockhill, William Woodville
1891 The land of the Lamas, New York, Century Company. 399 pp.

Lissu, Lolo, and Moso rites resemble those of the

Bonpo. Many Tsarong Tibetans have Lissu debt-slaves. Lichiang fu traders buy pine tree coffins from the Lissu, and therefore opposed missionaries, who might disrupt this trade (pp. 218, 284-86).
"Notes on the ethnology of Tibet. Based on the collections in the U.S. National Museum," Report of the U.S. National Museum for 1893: 665-747, with plates 1-52.

Lolo dress.
Roop, DeLagnel Haigh
"The problem of linguistic diversity in Thailand," in Peter Hinton, ed., Tribesmen and Peasants in North Thailand, Chiang Mai, Tribal Research Centre: 100-07.

Lisu: Problems in teaching Thai to them.
1970
A grammar of the Lisu language, doctoral dissertation, New Haven, Yale University. (Dissertation Abstracts 31: 3535A, University Microfilms order no. 71-51.) 334 pp.

Lisu of Tak nikhom (reservation) in Thailand. Phonemics and systematic grammar. See Nishida 1967a.
Rorak, Gloria 1969

Rose, Archibald
1909
"Life among the Lahu," Catholic Life, Nov.: 20-22.
Lahu of Thailand: Anecdotes of a missionary.
"The reaches of the upper Salween" Geographical Journal 34, 6: 608-13.

Lisu villages have buried stockades of sharpened bamboo. Story of Brunhuber and Carl Schmitz, who traveled along the Salween, among tame and Black Lisu,
and were killed by Lutzu between $27^{\circ} 15^{\prime}$ and $27^{\circ} 30^{\prime} \mathrm{N}$. Chinese punitive force was sent. Map. See Brunhuber 1912: Geographical Journal 32: 529 and 34: 341.
1912 "Chinese frontiers of India," Geographical Journal 39: 193-223.

Lisu village with 85 houses, 5 of which were Chinese. Photos.
Rose, Archibald, and J. Coggin Brown
"Lisu (Yawyin) tribes of the Burma-China frontier," Royal Asiatic Society of Bengal, Memoirs 3: 249-76.

Lisu distribution, legends, dress, housing, life cycle, crops, religion, word list, anthropometric measurements. Previous European visitors. The most useful of the early descriptions. Rose was British consul at Tengyueh, and Coggin Brown was a geologist. Map, photos.
Roux, Emile
1897
"Aux sources de 1'Irraouaddi," Le Tour du Monde, n.s. 3: 193-276.

Lissou as far as $95030^{\prime} \mathrm{E}$. They are hunters, drinkers, and bandits. An interesting description of a curing ceremony. Roux accompanied Orléans, following the Salween from 260 to $26010^{\prime} \mathrm{N}$. and the Mekong to $28030^{\prime} \mathrm{N}$. Map, sketches.
Roux, Henri
1924
"Deux tribus de la région de Phongsaly (Laos septentrional)," Ecole française d'Extrême-Orient, Bulletin 24: 373-500. (Reprinted with minor changes made by Tran Van Chu, 1954, "Quelques minorités ethniques du

Nord-Indochine," France-Asie 10, 92-93: 135-419.)
"A-Kha" means intermediary. 4,500 A-Khas in the Fifth military territory, in 7 groups. They claim that they didn't know about opium smoking 20 years ago, but now they overdo it. Physical traits. Costume. Legends: 700 years ago they lived on Cha Ten Plateau, between the Shan States and China. Wasps were devastating the country, and the Akha and Ho agreed that whoever could destroy them would rule the land. Ho tricked the Akha into submission. 200 years ago, the Akha tired of Ho sovereignty, and moved to the Lu territory of Muong U Nua. Akha ate buffalo hides, on which writing had been given them. Villages more every 3 or 4 years. Houses. Illness, sorcerers. They have 3 souls. The spirits of the ancestors are kept in a special basket, along with 2 bowls, black or blue cloth, small bamboo basket, and 9 cowries. The sorcerer has a larger basket to worship his protective spirit. Marriage, marriage payments, and songs. Birth, names; twins, who are considered unlucky, are killed. Funerals, buffalo sacrifices. Dreams. Taboos. Festivals. Omens. Spirits. Vocabulary, Texts. Map, photos. Review: by E. Seidenfaden, 1956. Siam Society Journal 43: 143-61.
"Quelques souvenirs du Nord-Indochine," France-Asie 8,79: 1049-58.

A-Kho never place pot with handle perpendicular to main beam of the house, and never enter a house by the back door.

Clefs pour la Chine, Paris, Gallimard. (English translation by Mervyn Savill, 1955, London, Sidgwich and Jackson; 1956, New York, Robert M. McBride.) 353 pp.

Yi stripped advance detachment of Red Army on Long March in 1934, but were won over by Mao, who helped them revolt in 1935 (pp. 45-46). By 1938, two Yi were generals in Red Army. Commission of National Affairs, Peking, has Chairs of Yi and Liso. Mentions Lolo, Yassi, and Nosu as if distinct from Yi.
Ruenyote, Suwan
1967
The development and welfare scheme for the hill tribes in Thailand, Bangkok, Department of Public Welfare, Ministry of Interior. 24 pp .

Akha, Lahu, Lisu relations with Thai government. In Thai and English.
Ruey, Yih-fu (Jui I-fu) (Pinyin: Ruì, Yìfū)
1948a

1948b
"Jì lìi-sù yīn jīan lùn lì-sù wén (On the sounds of the Lisu language with remarks on the 'Lisu script')," Lì shí yū yán yán jìu sǔo, zhōng yāng yán jìu yùan (Bulletin of the Institute of History and Philology, Academia Sinica) 17: 303-26.

Hwa (Flowery) Lisu of western Yunnan: Phonemes. (In Chinese, with English summary.) "Yún-nán xī-nán bīan-jiāng di ló-hēi-rén (The Lahu people of the southwest border of Yunnan)," Gúo-ji wén-hùa (International Culture (Nanking)) 1, $\underline{\text { : }}$ : 1-2.

Lahu, Lo-hei, Black Lolo or Muhso number 100,000 in Yunnan and Lantsang, Chuang chiang, Tsangyuan, etc., 20,000 in Burma, and 10,000 in Thailand. A few in

Vietnam. Distinction between Big and Small Lo-hei, as well as Red, Black, and Yellow. Clothing. Houses. Forbidden to eat sheep. Marriage is by love match and negotiated through groom's father or elder brother. Cremate the dead. Hunt with crossbow; mash roots to make poison, which can be counteracted by pregnant women. In 1723-35, a Buddhist monk acquired many Lo hei followers; monks became village officials; and temples became courthouses. In the eighteenth and nineteenth centuries, monks led rebellions and were persecuted by the Chinese. Especially in the last quarter of the nineteenth century, there were many rebellions in league with neighboring highlanders. In the twentieth century, American missionaries spread Christianity, using children they had educated in Burma. Priests are leaders. ló mō xie (The patronymic linkage systems of the Rui Ai Tai Ye Lu tribe and that of the Lolo Mo Xie)," Tái-wān wén-hua (Taiwan Culture) 6, $\underline{1}$.

See Lo 1944a, 1944b, 1945a, 1945b; Mă 1942-44; Shiratori 1957.

Saihoo, Patya
1963a
"The hill tribes of northern Thailand and the opium problem," Bulletin on Narcotics 15,2: 35-45.

Akha, Lahu, Lisu opium cultivation. A family of 6 or 7 is estimated to cultivate 2 to 4 rai (one rai is 0.16 hectare), yielding about 4 kilograms of raw opium. Lisu and Black Lahu consume about $5 \%$ of the
opium they grow; while the Red Lahu consume $30-40 \%$. Photos.

1963b The hill tribes of northern Thailand, Bangkok, Faculty of Political Science, Chulalongkorn University. 72 pp.

Akha, Lahu, Lisu: Cultural summaries and information contained in 1963a, above.

Sainson, Camille
Nan-tchao Ye-che, Paris, Ernest Leroux.
Kouo-10 are mentioned in the Nan-tchao chronicles
as Ts'ouan and descendants of Lou-lou. Their great sorcerer is H'i-p'ouo. They hold a festival of the torches on the 24 th day of the 7 th moon. They have a cult of the white horse. They divine, using cock's femurs. Subgroups include White, Black, Dry, Water (who cultivate irrigated fields), Miao, Ko, A-tcho, A-wou, Lou-wou, Sa-mi, and Lao-wou. See Cordier 1907: 13-16.

Saint-Guily, Jean
1964 "Le Père Jean-Pierre Oxibar (1898-1964)," Feuilles Missionnaires 36: 1-6.

Lahou of Yunnan were missionized by Oxibar. Photos. See Mieyaa 1973.
Savina, F. M.
1930
Histoire des Miao, 2d ed., Hongkong, Imprimerie de la Société des missions-étrangères. (First edition, 1924.) 303 pp.

Lolo legends of creation, ancestors, and deluge, and a 250-word list from Vial (pp. 42-69, 77-78, 10912).

Saw Aung Din and E. E. Sowards
"Work among Lahus, Was, Akhas," in Maung Shwe Wa, Genevieve Sowards, and Erville Sowards, eds., Burma Baptist Chronicles, Book 2: 407-19, Rangoon, Board of Publications, Burma Baptist Convention.

Lahu prophet A Teh Pu Cu predicted the coming of God when white people arrived on white horses bringing Scriptures. These were the missionaries: Cushing in 1870 and William M. Young in 1901. First Lahu was baptized in 1904. Drawings. See Crider 1963, Maung Shwe Wa 1963, Walker 1974-75.

Sayamnotr, Chidpong
The administration of hill tribe development and welfare programs of the Department of Public Welfare, Bangkok, Ministry of Interior. 132 pp.

Akha, Lahu, Lisu: Describes objective, organization and administrative problems of government programs, including the structure of the projects, coordination, personnel, and funding. In Thai, with English abstract.

Scherman, L.
"Wohnhaustypen in Burma und Assam," Archiv für Anthropologie 14,3: 203-34. (French translation by Barbara Wall, 1975, Asie du Sud-est et Monde Insulindien 6,2-3: 159-99.)

Lishaw village of Pangsapyi near Hsipaw forced by government to move there 6 months before Scherman's visit in June 1911. They now work on Palaung tea plantations. Description of bamboo house is same as houses used by Lisu in Thailand today. Photo (plate

VI, number 4), map.
Scholz, Friedhelm
1967 Preliminary report on the results of ethnological field research in the Akha village Ban Alom, May 1966December 1966, Heidelberg, South Asian Institute, University of Heidelberg.

Akha of Mae Chan district, Chiangrai Province, Thailand. Sociopolitical organization, religion, types of households, surname groups, kin terms.
Schrock, Joann L., Irene Crowe, Marilou Fromme, Dennis E. Gosier,
Virginia S. McKenzie, Raymond W. Myers, and Patricia L. Stegemen
1970
Minority groups in Thailand, Pamphlet No. 550-107, Washington, D.C., Department of the Army. $1,135 \mathrm{pp}$.

Akha (chap. 14), Lahu (chap. 6), and Lisu (chap. 5). A superficial synthesis of published works, repeating most of the misinformation possible. Emphasis is on communications, civic action, paramilitary capabilities, and advice for personnel working with these groups. No attempt is made to see them as cultural systems or social structures. The 25,000-28,000 Akha in Thailand are said to be patriarchal, and their villages are said to be much larger than those of the Lisu. The $16,000-$ 17,000 Lahu are said to be matrilineal (sic), and poorer Lahu are said to be hired by Karen to work in their opium fields (sic: it is the other way around). The 19,000 Lisu in Thailand (an inaccurate estimate, see Dessaint 1972a) are said to have the largest villages of any of the hill tribes (p. 316 difficult to reconcile with the estimate
of Akha village size above, pp. 879-80). Sketches. Maps.
Schrock, Joann L., Dennis E. Gosier, Diane S. Marton, Virginia S. McKenzie, and Gary D. Murfin Minority groups in North Vietnam, Pamphlet No. 550-110, Washington, D. C. , Department of the Army. 653 pp.

Lolo of North Vietnam, ethnographic sketch (pp. 102-42). Several errors in references. Map.
Schweinfurth, Ulrich
1969 Problems of land use in South Asia, Heidelberg, University of Heidelberg. 11 pp .

Akha village in Chiangrai Province, Thailand. Demand for land, agricultural activities, tools, crops. Rice is now the only cash crop. The village economy is upset by the need to buy opium, formerly grown by the villagers. In German, with English abstract.
Scott, Sir James George (See also Grierson 1903-28, Hammerton 1922-24, Mitton 1936.)
1921 Burma, 3d ed., London, Daniel $0^{\prime}$ Connor. (1st ed., 1906.) 520 pp.

Li-hsaw (or Yao-yen) speak Chinese and resemble the Chinese, but they are related to the Lahu. Photo. Burma and beyond, London, Grayson and Grayson. 349 pp.
Scott, Sir James George, and John Thomas Percy Hardiman
1900
Gazetteer of Upper Burma and the Shan States, Pt. I, vol. 1, Rangoon, Superintendent of Government Printing.

Word lists: Akha (by G. C. B. Stirling, pp. 69294), Lahu (670-80), Lahu-hsi (by Stirling, pp. 699-702), Lahu-na (by Stirling, pp. 697-99), Lishaw (by Stirling,
pp. 661-69, 681, 702-04), and Lisu (by Orléans, pp. 671-81).
Seidenfaden, Erik

1930

1958
"The Gospel of St. Marc in Mussö," Siam Society, Journal 24,1: 84-87.

Mussö are identical to Moso (sic). Chronicles mention that in 796 the Mussö were subdued by the king of Nan-Chao. Later, the Mussö had a confederation of 36 Fu . Part of it was overrun by the Burmese, and placed under the rule of the governor of Mulang Laem, but the confederation continued in China until 1887. Since then, there has been a continuous migration to the Shan States and Siam, where they were first contacted near Doi Pha Hum (northwest of Fang, in Chiang Mai Province). There they were govened by Phraya Kili, who wielded great power. The American Presbyterian Mission has started work east (west?) of Chiangrai, and has 60 to 70 converts. The American Baptist Mission in Chieng Tung has baptized 17,000 Mussó.
The Thai peoples, Bangkok, Siam Society.
Lisu of Fang district, Chiang Mai Province, are said to reside for 40 to 50 years in the same locality and to have hereditary chiefs (neither of these statements is true of the Lisu in Thailand today).
Shabad, Theodore
1965 "China, People," Encyclopedia Britannica 5: 566-69. China's changing map, National and regional development, 1949-71, revised ed., New York and Washington, D.C., Praeger Publishers. (Original ed., 1956.) 370 pp. Minorities, their locations and autonomous areas,
and 1953 populations.
Shafer, Robert
1938a "Phunoi and Akha tones," Sino-Tibetica 4: 29-38.
Akha tonal and phonetic correspondences with Burmese.

1938b "The link between Burmese and Lolo," Sino-Tibetica 2: 8-10.

Review: Henri Maspero, 1938, Société Linguistique de Paris, Bulletin 39: 206-07.
"Phonétique historique des langues lolo," T'oung Pao 41,1-3: 191-229.

Comparative lexical items from Akha, Ahi, Gni, Lolopho, Oulou, Phunoi, and Phupha. "Classification of the Sino-Tibetan languages," Word 11: 94-111.

Lolo branch includes: (1) Phunoi (Akha, Lahu;
Woni); (2) Lisu (Kesopho, Kosopho; Lisu, Lishaw, Lipha, Lipho), Nyi Tsơko", Weining, Ahi, Lolopho; (3) Thongho;
(4) Mung; (5) Unclassified, including Mossö.

1957

1963
Bibliography of Sino-Tibetan languages, Weisbaden, Otto Harrassowitz. 211 pp.

Comprehensive. See 1963, below.
Bibliography of Sino-Tibetan languages II, Weisbaden, Otto Harrassowitz. 141 pp .
Sharp, Lauriston: see Hanks, Hanks, and Sharp.
Shī, Huaí-rén: see Cháng, Lúng-chìng et al.
Shî-liào-xún-kān (Historical Material Quarterly)
1930 "Yún-nán ye yí lìsú shā hún qiang lù àn (The case of the killing, burning and pillaging of the wild Yi Lisu

| Shì-shì | of Yunnan)," Shí-1iào-xún-kān 17-18. (Current Affairs) |
| :---: | :---: |
| 1956a | "The existing national autonomy areas in China," <br> Shí-shì shou-c̀̀ 17 (Sep. 10). (English translation: <br> Current Background 430: 4-5.) |
| 1956b | Nukiang Lisu autonomous area, which was established prior to the promulgation of the Constitution, will soon be reorganized into a zhou. <br> "The minority nationalities of China," Shí-shí shou - 'ce 18 (Sep. 17). (English translation: Current Background 430: 6-10.) |
|  | Lisu are mostly Christians. |

Shiratori, Yoshiro
1957 "Fushi renmeisei to Sanshi no keifu (The particular form of genealogical kinship terminology and the lineage of Ts'uan family)," Minzokugaku Kenkyū (Japanese Society of Ethnology) 21,4: 33-42.

Lolo: Before the rise of the Lolo kingdom of Nan Chao, the Ts'uan family belonged to a Tai tribe. When the Lolo arrived in the area, they, too, were called Ts'uan. Therefore, the Ts'uan of the Sung, Yuan, and Ming dynasties are Lolo, but those before are Tai. Dǒng (1940) does not realize the break in the genealogy. Ling (1953) claims that this system is general throughout Southeast Asia, but the evidence for this is very dubious. In Japanese, with English abstract. See Chén 1948a, Dīng 1936, Dǒng 1940, Fang 1945a and 1945b, Líng 1953, Lo 1944a and 1944b, 1945b, Ma 1942-44, 1946.

Chinas (Contributions to the ethnogenesis of minority groups in Southwest China), Wien, doctoral dissertation, Universität Wien. 122 pp .

Cited in Leonard H. D. Gordon and Frank J. Shulman, eds., Doctoral Dissertations on China, A Bibliography of Studies in Western Languages, 1945-70 (Seattle and London, University of Washington Press, 1972).
Shirokogoroff, Sergei Mikhailovich
1930
"Phonetic notes on a Lolo dialect and consonant $1, "$
Li shí yú yán yán jiu sưo zhōng yang yán jiu yùan
(Bulletin of the Institute of History and Philology, Academia Sinica) 1: 183-225.

Review: Paul Pelliot, 1931, T'oung Pao série 2, 28: 207.
Shwe Boh: See Boh, Shwe
Siguret, J., ed. and trans.
1937 Territoires et populations des confins du Yunnan,
Peiping, Editions Henri Vetch. (A translation of Yun-nan pien ti wen t'i yen chiu.)

Li-sou: Li Cheng-tchoang claims that there is no social stratification and that there are no chiefs, except among the sinicized groups, whose elected headmen may eventually act like mandarins. Each nuclear family lives separately, although in some districts a man may adopt a son to live with him. Differences in customs between northern and southern Yunnan Li-Sou. Marriage, death customs, religion, songs. Briefer notes on the Li-Sou of the Salween Valley by Miao Hoei-i.
Simonnet, Christian

Thibet, voyage au bout de la Chrétienté, Paris, Editions du Monde Nouveau. 186 pp .

Lisu revolt against Chinese (pp. 161-62). Lisu fire crossbows at first planes in World War II (p. 126). Missionaries from the Grand St. Bernard order began residence at Latsa pass (near Weisi) in 1931.
Skipton, R. Kennedy
1973 "Hill peoples of Yunnan-China," in Sir Edward EvansPritchard, ed., Peoples of the Earth, vol. 13, China (including Tibet), Japan and Korea, London, Tom Stacey Ltd., n.p., The Danbury Press; 68-73.

Akha and Lahu ethnographic sketches. Lisu, Lolo, and Lu-tzu mentioned in glossary (pp. 139-40), although no mention is made of those living outside China. Photographs were probably taken in Thailand.
Smalley, William A.
1964
Smith, A. W.
1930
"Working teak in the Burma forests," National Geographic 58,2: 239-56.

Kaw (Akha), Lahu Na, and Lahu Shi. Photos.
Smith, Harvey Henry (see also Henderson 1971b), Donald W. Bernier, Frederica M. Bunge, Frances Chadwick Rintz, Rinn-Sup Shinn, and Suzanne Teleki
1967
Area handbook for North Vietnam, DA Pam 550-57, Washington, D.C., Foreign Area Studies, American University and Department of the Army. 493 pp.

Lolo in Vietnam number less than 25,000 (p. 77).
Smythe, Hugh H.
"Inside Thailand (I)," Eastern World 18, 4: 7-9. Lahu, Lisu, and other highlanders have no attachment to Thailand.

Snow, Edgar
Red star over China, London V. Gollancz. (Various reprints, including 1938, New York, Random House. Revised ed., 1968, New York, Grove Press; 1969, London, Gollancz.) 464 pp.

The Long March went through Lolo country in 1935.
1962 The other side of the river, New York, Random House. (Various reprints, including 1963, London, Gollancz. Revised ed., 1970, Red China Today, Hammondsworth, Penguin.) 810 pp .

Mixed Lolo-Minchia-Han commune in Kuan-tu district, Yunnan. Reluctance to leave individual huts for new apartments.
Soulié, G., and Tchang Yi-tch'ou (with notes by A. L. Bonifacy) 1908
"Les barbares soumis du Yunnan," Ecole francaise d' Extrême-Orient, Bulletin 8: 149-76, 333-79. (Based on Tien hi, by Che Fan, 1807.)

Li-so are located only in Yu-long tcheou. Dress. Li-sou are found in districts of Kin-tch'eng (Szechwan), $K^{\prime}$ ang-p'ou, Kong-1ong, and Pen-tseu-lan (Yunnan). Dress. Houses. Food. Bride-price consists of cattle. Abandon dead. Spirits. Debts recorded by marks on wood. If contract is violated, they call a sorcerer. Ordeals include two parties placing their hands in boiling oil. Quick to use bow and knife, but they are held in check by Moso and Lolo chiefs. Each year they
offer the chief 5 bushels ( 13 liters?) of wheat and 5 of millet, and swear allegiance (pp. 377-78)

Woni (pp. 353-54).
Sowards, Genevieve, and Erville Sowards: see Crider 1963, Maung Shwe Wa 1963, and Saw Aung Din and E. E. Sowards 1963.

Spielmann, Hans J.
1967 Lahu Shehleh and Lahu Na of northern Thailand, Report to the National Research Council, Bangkok.

1968a "Religious attitudes and economic activities of the Lahu (Northern Thailand)," Tokyo, VIIIth Congress of Anthropological and Ethnological Sciences.

Lahu Na and Lahu Shehleh: Nonworking days. Gearing of agricultural activities to moon phases (rather than seasons) among the Lahu Na .

1968b The Guisha problem-Monotheism among the Lahu (manuscript). Not seen.

1969 "A note on the literature on Lahu Shehleh and Lahu Na of northern Thailand," Siam Society, Journal 57, 2: 32132.

Srisawat, Bunchuai (also spelled Boon Chuey Srisavasdi or Sisawat)

Akha, Lahu, Lisu: A member of parliament who has traveled mainly in the Mae Chan and Mae Suaj districts of Chiangrai Province, Srisawat tends to generalize on the basis of limited knowledge or observation. He states, for example, that all Lisu build their houses
on the ground without posts, eat with chopsticks, speak Lahu and Chinese, and chew betel all of which is true for only some Lisu, even in Thailand. He erroneously describes women as slaves and as felling trees. He also states (erroneously) that a man takes his prospective bride to his house, and that his parents negotiate directly with her parents. He uses Thai terms, implying that they are Lisu, and describes Lisu spirits and ceremonies in terms of Thai religion. Nevertheless, this was the first substantial description of the Lisu, Lahu, and Akha of Thailand, including data on distribution, clans, housing, names, dress, food, fields and livestock, spirits and ceremonies, courting and marriage customs, birth and death customs, New Year festivals, beliefs, and the role and status of women. Photos. In Thai.

1954

1963 Thai síp sǒng panna, Bangkok, Outhai Press. 626 pp . Akha and Lahu mentioned, but most of the book is about the Lue of Yunnan. In Thai. The hill tribes of Siam, Bangkok, Khun Aroon. 203 pp. Akha, Lahu, Lisu: Photographs with captions. The distribution maps are incorrect.

Starr, Frederick
1911
"Lolo objects in the Public Museum, Milwaukee," Public Museum of the City of Milwaukee, Bulletin 1,2: 209-20, with 8 plates.

Lolo cape, skirt, jacket, trousers, cap neckband, pipe, bow and arrows, quiver, bowstring wrist guard, sword, Jew's harp, musical pipes, and other objects
obtained in 1899 by Owen L. Stratton in Opien-ting, northwestern Szechuen. Account of the Lolo killing of Mr. Brooke from the North China Herald, April 17, 1909. See Meares 1909a and 1909b.
Start, Laura E., and Mabel C. Wright
1936 "Decorated textiles from Yunnan collected by Augustine Henry, 1896-1898," Manchester Memoirs 53, 8 : 59-84. The collection is probably from Miao tenants of Nosu lords. Sketches.

Steele, R. J. : see Hammerton 1922-24.
Stevenson, Henry Noel Cochrane
1944 The hill peoples of Burma, Burma Pamphlets, No. 6, London and Calcutta, Longmans, Green $\mathcal{G}$ Co. Ltd. (HRAF AP1-8) 50 pp .

Lisu (Yawyin, Lishaw) included with Kachin. Lahu and Kaw mentioned. Maps, photos.
Stevenson, Paul Huston
1927 "The Chinese-Tibetan borderland and its peoples,"
China Journal 6: 180-88, 234-42, 297-312.
White and Black Lolo country near Tzu-ta-ti (area ruled by Hsifan chief) and Fulin (southwestern Szechuan). The frigid, unbending attitude of the Black Lolo. Physical features. Dress. Battles with Chinese "Notes on the human geography of the Chinese-Tibetan borderland," Geographical Review 22: 599-616.

White Lolo and Hsifan inhabit slopes of the Ching Chi Valley, and Chinese live on valley floor. Visited in 1926. Black Lolo, who are free and easy among themselves, are unapproachable by strangers. Physical de-
scription of Black Lolo, who are somatically Indo-Afghan rather than Mongoloid. Jamieson and Buxton believe they came from Burma. Use of felt and horses suggests their origins to be in the Pamir.
Stevenson, William
1959
The yellow wind, An excursion in and around Red China with a traveler in the Yellow Wind, Boston, Houghton Mifflin Company; London, Cassell. 424 pp.

Lahu (p. 57). Lisu said to have ambushed and killed a Japanese patrol in late 1941 after they had gotten drunk, quarreled, and taken Lisu women. Survivors claimed that the Lisu ate some of the corpses (p. 73). Li Su of Peng-lung, Yunnan, live with Kachin and Chinese, and their land was formerly communallyowned (p. 81). Yi, once called "tottering weaklings," attacked advance party of Long March (pp. 61, 64, 129).
Stirling, G. C. B.: see Scott and Hardiman 1900.
Story, Joan H., and John H. Story
1969
"Hill tribes," the Target Audience, Bangkok, United States Information Service Research Office. 16 pp .

Akha, Lahu, Lisu: Radios owned and favored programs. Their relations with the Thai.

Stratton, Owen L.: see Starr 1911.
Stübe1, Hans
1952
"Die nichtchinesischen Völker Chinas," Sociologus 2,2: 84-117.

Lolo: Two different groups reflect different phases of adaptation to Chinese culture.
Studia Serica

1940-41
'On Lolo I Yu Lolo-Chinese vocabularies. A comparison of the four varieties of the Lolo script in Yunnan," Studia Serica 1.
Sun, Kee-wong 1942
"When Lolos meet Chinese," Asia 42: 95-99.
Lolo spread west of the Great Cool Mountains (Taliang Shan), driving out the Sifan two centuries ago. Early in the last century, they pushed west of the Yalung River, driving out the Mohsis. However, the Lolo are divided, and General Teng Hsiu-ting uses old feuds to fight Lolo with Lolo. He commands the Sikang Border Pacification Army, whose Chinese and Lolo soldiers are not paid, but share the spoils. Lolo use wooden tablets with notches, and bonfires to communicate. They buy salt, cloth, and wine from the Chinese. In 1914, they revolted so that even Sichang kept its gates closed. This article is a good illustration of the superior Chinese attitudes toward the Lolo. See China at War 1941.
Súo, Wén-jīng (or Swo, Wen-ching)
1962 "Hā-ní zú," Minzú Hu’abào (Nationalities Pictorial) 11: 13-14.

Hani (Akha) number 540,000 in Hung He, Yuan Yang, Lyu Chwun, and Jin Ping counties, scuth of the Red River in Yunnan. After Liberation, several other ethnic groups were grouped with them: $\mathrm{Ai} \mathrm{Ni}, \mathrm{Bu}$ Dou, Bi, Ywe, and Ka Dwo. According to Wen Syan, predecessors of the Hani lived 2,000 years ago, with the Sou along the Lu Jyang Basin. They established relations with the Han
dynasty, and the headman system was established after the Yuan and lasted until the Ching dynasty. In the last few decades, the Hani rose against their oppressive headmen. The Hani who live in the Ai Lou Shan cultivate rice on terraces, maize, cotton, beans, bananas, pineapples, and mangoes. The Hani of Pu Er cultivate tea. After communes were established in 1958, production increased and motor transport, education, and health conditions improved. A written language was adopted in 1958. Major festivals include the Dragon Tree festival in the first month and two New Year festivals in the sixth and tenth moons. Photos.
Suraphong: see Bunnâag, Suraphong, 1963.
Sutton, Stephanne Barry
1974
In China's border provinces, The turbulent career of Joseph Rock, botanist-explorer, New York, Hastings House. 334 pp.

Lisu and Lolo mentioned. Rock (1884-1962) used Lolo as carriers, although he thought them filthy, afflicted with goiter, and prone to congenital idiocy. He intervened on the behalf of two Lolo prisoners being held in horrible conditions by the Prince of Muli.

Information on Lung Yun, the warlord of Yunnan and a Lolo. Photos.

## Szèchwān r̀i-bao (Pinyin: S̀̀chūan)

1956
"Yi and Tibetan areas in Szèchwān prepare welcome for central comfort mission," Szèchwān rìbao (Chengtu) Oct. 28. (English translation: Survey of the China Mainland Press 1427: 13-14.)

Yi receive representatives sent by the Central Committee of the Communist Party, the Central government, and Chairman Mao.

Takemura, Takuji
1957-58 "Bibliography of ethnographies by Chinese ethnologists on the non-Han-Chinese people in south and south-west China, 1-3," Shakai Jinruigaku 1: 62-74, 2: 68-75, 3: 54-61.

Lisu, Lolo includes 110 entries ( $\underline{3}$ : 54-58).
Tan Chee Beng: see Walker, ed., 1975.
Tang, Zhen-zong (or Chen-tsung)
1953
Zhōng-gúo shǎo-shù mín-zú di x̄̄n mian-mao (The new appearance of China's national minorities), Peking, n.p. 53 pp .

T'ang, Tsai-fou: see Chen, Ding 1905.
Táo, Yún-kuí (or Yŭńn-k'uéi)
1945
"Jǐ-ge yún-nán zàng-mìan y̌u-xi tư-zú di $\mathfrak{v}$ uang-shi
gu-shi (Chi-ko Yun-nan Tsang-mien yu-hsi t'u-tsu ti
Ch'uāng-shih ku-shih) (Some creation stories told by the native peoples of the Tibetan-Burmese group in Yunnan)," Bīan-jiang yén-jiu lun-cóng (Frontier Studies)
45: 1-12. (English translation: HRAF AE3-2.)
Lisu legend from Kung-shan and two legends from Weisi.

1948
"Bí ló xue shàn zhī l'i-su zú (Pí lúo shùi shàn zēe Li su zú) (The Lisu tribes of Pi-luo Mountains)," Li shǐ yú yán yán j̀̀u sưo, zhōng -yāng yán jiu yùan) (Bulletin of the Institute of History and Philology, Academia Sinica) 17: 327-408.

Lisu: In August and September 19j5, Táo visited the Pi-luo Mountains, between the Mekong and the Salween. This article consists of notes on Lisu food, housing, clothing, transport, hunting, life cycle, clans, warfare (including an eyewitness account of a rebellion against the Chinese), religion, and legends. He discusses the ethnic and linguistic affiliations of the Lisu, and quotes from local Chinese records. Map, drawings, photos.
Tatu, Marian, and Darlene Montgomery
Hill tribes: Population, problems and RTG involvement, Bangkok, Thailand Information Center, Batelle Memorial Institute.

Akha, Lahu, Lisu: A list of Thai agencies dealing with "hill tribes."
Taw, Sein Ko, and A. E. Eastes
1915 "The linguistic affinities of the Pyu language," Burma Research Society, Journal 5.

Pyu affinity with Lolo-Lisu. Vocabularies of Yung-ning Lisu and $\mathrm{Pa}-\mathrm{U}$-Rong Lolo.
Taylor, L. F. (See also Grierson 1903-28.)
1956 'The general structure of languages spoken in Burma," Burma Research Society, Journal 39: 101-20.

Lisaw, Lolo, and Muhso are classified in the Assam-Burmese branch of the Tibeto-Burman subfamily (which, with Chintse but not Tai, forms the Tibeto Chinese family) on the basis of syntactic features.
Taylor, Mary Geraldine
1944
Behind the ranges, Fraser of Lisuland, S.W. China,

London $\mathcal{G}$ Redhill, Lutterworth Press, China Inland Mission. 255 pp.

Lisu: Biography of missionary J. O. Fraser.
Tch'en: see Chen, Ding. Telford, J. H.
"Animism in Kengtung State," Burma Research Society, Journal 27,2: 86-238.

Lahu Na includes Na Penh, Huli, Kulough, La Law, Veya, Laba, Hpu, and Keleh. Lahu Shi includes Balang, Banceu, Namkyo, and Meukeu. History and legends. Centuries ago, a large Lahu village between Mung Lem and Meng Meng in Yunnan was invaded by Burmese and later by Shan. In 1887, Lahu and Wa fought the Chinese. Lahu have been in Burma at least a century, coming from Meng Meng and Mung Lem. Animism as revealed in birth, naming, eating, working, mating, playing, dancing, travel, trade, hunting, fighting, judging, divination, ailing, sacrifices, praying (prayers in Lahu and translation), healing, burial, and afterward. Spirits include ancestors, nature, independent, and demonical possession. G'uisha as the omnipotent creator, able to punish both bumans and spirits; he is humanlike.

Kaw (Aka) divisions include Lehleubo, Jeu G'we, Jeujaw, Jo Byawn, Leh Nyi, Che Mui, Hpyo Hso, Zeu Zi, and Hteu La. Animism among the Kaw.

Lisu mentioned. Telford was a missionary who lived in Kengtung from 1924 on and came to speak fluent Lahu.

Telford, J. H. (assisted by Saya David)

Handbook of the Lahu (Muhso) language and EnglishLahu dictionary, Rangoon, Superintendent, Government Printing and Stationery, Burma. 100 pp .

Lahu probably originated near the headwaters of the Salween, Mekong, and Yang Tze. Now found from north of Meng Meng to Mung Lem and west, Mung Lun, Kengtung, Haut-Laos, and as far south as Chiangrai. Dress. Houses. Headman and blacksmith receive choice meat. In non-Christian villages, there is a temple-hut for G'uisha, but no blood sacrifices. Bride service of one to three years, but for seven among Lahu Shi, who must also pay a bride-price of Rs42 to 48 . Unlike the Kaw, the Lahu do not kill twins. Language is similar to Burmese, Lolo, Lisu, Kaw, and K'a To. Lahu Na sounds, grammar, idioms, time, names, weights, measures, and money. About 2,000 words. Names are given according to the time or animal day born, birth order, physical circumstances, or teknonymic.
Telford, J. H., translator
$1949 \quad \frac{\text { G'ui }}{\text { Rangoon, }} \frac{\text { sha }}{\text { Bible }} \frac{\text { hia }}{\text { Society }} \underset{\text { of Burma. }}{ }$ (New Testament in Lahu),

Telford, J. H. (assisted by Sala David and Sala Ai Pun), translator 1953 Chi Mvuh ve Li (The book of Psalms), Rangoon, The British and Foreign Bible Society.
Telford, J. H., and Saya Ai Pun
1939 Lahu ka pui ka lao (Lahu reader), Pang Wai, Loimwe (Burma).
Temple, Richard C.
1910
"The people of Burma," Royal Society of Arts, Journal

58,3003: 695-711.
Lihsaw subgroup (including Lihsaw, Lahu, Akha, and Akho) is part of the Burmese group. Wife is salable chattel among Lihsaws (sic). Polygamy is unrestricted among Akha. Discussion of the common mental and religious traits among all peoples of Burma. Map, showing distribution of ethnic groups.

Terrien de Lacouperie, Albert Etienne Jean Baptiste
1882a "Lolo not connected with Vei characters," Athenaeum Sep. 23.

An answer to Clarke 1882, 1883.

1882b

1882c

1894a

1894b
"On a Lolo Ms. written on satin," Royal Asiatic Society, Journal, n.s. 14: 119-23.
"The Lolo and Mosso writings," Royal Geographic Society, Proceedings, Supplemntary Papers 1,1: 142-43.

A discussion of Baber 1882.
Beginnings of writing in central and eastern Asia, London, S. Austin $\&$ Sons.

Lissou language is related to Lou-tze and Moso. Western origin of the early Chinese civilisation from 2,300 B.C. to 200 A.D., London, Asher \& Co. 418 pp .

Lolo: Terrien has identified 450 different signs on Lolo manuscripts (p. 201).
Teston, Eugene, and Maurice Percheron

L'Indochine moderne, Encyclópedie administrative, touristique, artistique et economique, Paris, Librairie de France. 1028 pp.

Lolo of Bao-Lâc, Hoang-su-phi, and Phong-Tho include $\mathrm{A}-\mathrm{Ni}$ (Houo Ni ) of Phong-Tho and A - Kha ( Ko ) of

Muong-sin and Phong-sali. The Ko eat clay at some rites. A few families of Lisu live in Muong-Hou, Laos (pp. 307, 309, 387-89). Photos.

Thailand Information Center
1970 North Thailand: Distribution of hill tribes, Bangkok, Battelle Memorial Institute. 4 pp. Lahu, Lisu migrations. Map.

Thamsukati, Thanit
1973
'Musers blame fighting on Burmese mistreatment," Bangkok Post, June 16: 3.

Muser (Lahu) leader Pu Chong Luang claims Burmese officials confiscate Muser weapons, refuse to allow them to sell livestock. There are several thousand Muser rebels in Burma. He and about a hundred followers have taken refuge in Fang District, Chiang Mai Province, Thailand. Photo.

See Kasemsri 1973, Thavisin 1973.
Thatnaasuwan, Pramootya
1968 "Kwaamlang thi Dooj Mâe Salong (The past at Doi Mae Salong)," ㅇ.S.T. 8, 2: 36-40, 45-50.

Akha: A visit to villages near the headquarters of Mae Chan nikhom (reservation), Chiangrai Province, Thailand. Photos. Map. In Thai.
Thavisin, Anussorn
1973 "Four towns fall, hundreds killed," Bangkok Post, Jan. 23: 3.

Muser (Lahu) reported to have killed hundreds of Burmese troops in uprising sparked by heavy taxes and attempts to disarm them. Photos. See Kasemsri 1973,

Thamsukati 1973.
Thomas, Lowell (aided by Hugh Gibb)
1965 Land of the Yao, Film, BBC-TV. 25 minutes.
Lisu: Among the errors in the soundtrack: Thomas speaks of pigs as making up dowries, that a new house may be built in a week, that houses are flimsy, that houses are built with only the use of a machete. He identifies a slingshot as a bow. He says that the Lisu have grown opium for centuries. He says that there is only one blacksmith per village. He maintains that they wear embroidered petticoats. He says that they build a water bridge annually. He uses "maw phii" as a Lisu phrase (it is Thai). He says that red berets were left behind by British paratroopers (they are used by Lao troops). He says that the Yao despise the Chinese, and that the area has been exposed to waves of Chinese invaders. Without the sound track, the film is a colorful introduction to the Lisu of Thailand

Thompson, H. Gordon
"From Yunnan-fu to Peking along the Tibetan and Mongolian borders," Geographical Journal 67: 2-27. Lisu mentioned as using cowrie shells. Map, photos.

Thompson, Phyllis
1956 King of the Lisu, London, China Inland Mission. 63 pp. Lisu: Thompson claims that there was a Lisu legend that a white man would come, and that this came true when missionary J. O. Fraser arrived in Yunnan.

Thompson, Virginia McLean
1937 French Indochina, New York, The Macmillan Company 517 pp.

Lolo mentioned (p. 383).
Thomson, John R.
1968
'Mountains to climb," Far Eastern Economic Review 59,10: 420-22.

Lahu of Burma have been exposed to Communist influences, and 20,000 of them are ready to attack along the Thai-Burma border. Photos.

Thorel: see Reclus and Reclus 1902.
Tian, Liang-geng (or T'ien, Liang-keng)
1959 "Yi peoples of the lesser Liang-shan make rapid transition to socialism," Rén-mín rì-bao, June 14. (English translation: Survey of the China Mainland
Press 2043: 26-28.)
Yi of Xiao Liang Shan number 56,000 , including 26,000 former slaves and 15,000 former serfs. Freed slaves have cooperated to build new farms, and now reap yields of 800 to 1,000 catties of grain per mou. A new song on the progress.
Tīan, Mu
1910

$$
\begin{aligned}
& \text { "Liáng-shān pīng yí (Subjugation of the Yi of Liang- } \\
& \text { shan)," Jiao-yū zá-zhi (Educational Magazine) } \underline{2}, \underline{4} \text {. }
\end{aligned}
$$

Tie, Zhun (or T'ieh, Chun)
1959 "Family branch system gives way to general cooperation in Liang-shan Yi Nationality Autonomous Zhou in Szechwan," Mínzú Tuánjíe. (English translation:

Joint Publications Research Service DC 860: 36.)
Yi clan feuds give way to cooperation in Nan p'ing Peoples Commune. Formerly, slaves fought their masters' battles, and even after the abolition of slavery, the family system caused conflict. Hence it was done away with, and great economic progress has been made.
Tiessen, Ernst, ed.
1907
Ferdinand von Richthofen's Tagebucher aus China, 2 vols., Berlin, Dietrich Reimer.

Lolo mentioned (2: 241-324). See Richthofen 1903.
Tilke, Max
1945
Kostümschnitte und Gewandformen, Tübingen, Verlag Ernst Wasmuth. $60 \mathrm{pp} .+128$ plates.

Lolo costume (color plate 89).
Ting, Wen-chiang: see Dīng, Wén-jīang.
Tinker, Hugh
1956 "Burma's northeast borderland problems," Pacific Affairs 29: 324-46.

Akha, Lahu, and Lisu mentioned.
Tirrell, Raymond F.
1972
An analysis of factors that are assumed to influence acculturation and assimilation of tribal minorities in northern Thailand, doctoral dissertation, Syracuse University (Dissertation Abstracts International 33, 11: 5109B, University Microfilms order no. 73-9569). 509 pp.

Akha, Lahu, Lisu: A comparison of 15 villages
(plus 20 of other minority groups) on which there is published or unpublished information available.

Acculturation and assimilation of minorities into Thai society are strongly influenced by the degree of access to Thai settlements, by direct cultural contacts, by available transportation, the duration of contact, urbanization, Thai welfare and development activities, Thai public schools, wet-rice agriculture, large-scale wage labor, and related cultural changes. Christian mission contacts and Border Patrol Police schools have no consistent influence upon acculturation and assimilation. Cultural summaries of each ethnic group and village are appended. This dissertation is not based on first hand research and therefore contains many minor errors. It is not clear which factors are causal, rather than concomitant, and it is not tied into theories of social and cultural change. However, this type of comparative study is very much needed to synthesize the data that are already available. Maps. Toa Kenkyujo (East Asia Institute)

Taikoku (Kyumei shamukoku) no minzoku (The peoples of Thailand), Tokyo, Toa Kenkyujo.

Lahu or Musso are incorrectly grouped with the Lawa of Kanburi. Akha and Lisu not mentioned. Map.
Tóng, Zhèng-zāo
1936
"Y̌̌-rén shān kǎo (A study of Lisu Mountain)", Yự gòng 6, 2 .
Torrance, Thomas
1932 "Notes on the west China aboriginal tribes," West China Border Research Society, Journal 5: 10-24.

Lolo, Kolo, or Nosu. The Yueh Hsi history is
quoted. The Chinese say: "Cut off a Lolo's head in battle, and he will turn round and fight you with his tail." Ih Chia are of Lolo stock, they are landlords of Miao serfs. Bolotsze of small Heh-Shui (near Songpan) are mixed Lolo and Tibetan, renowned for their plundering.
Tribal Data Project
1971-72 Directory of tribal villages in northern administrative divisions, Chiang Mai, Tribal Data Project.

Akha, Lahu, and Lisu included in the volumes on the following changwad (provinces): Chiang Mai; Phrae, Lampang, and Lamphun; Mae Hong Son; Nan; Kamphaeng Phet and Tak; Chiangrai. Includes village names, location by administrative divisions and map coordinates, number of households and population, ethnic identity. In Thai and English.
Tribal Research Centre
1967-73 Tribal Research Centre, Bulletin nos. $\underline{1}$ and $\underline{2}$. Chiang Mai.

Akha, Lahu, and Lisu of Thailand: Summary of research activities.

Trumbull, Robert
1963 "U.S. trains Thais to guard border," New York Times, May 19: 21.

Lahu: The Chinese are said to have presented a Communist wife to the Lahu "man-god." U.S. Special Forces have equipped and trained the Thai Border Police Patrol to stem Communist influence among the "hill tribes."

Ts'ai, Yung-ch'un (Pinyin: Cai, Yong-chun)
1941
"The call of the border tribes," Chinese Recorder and Educational Review (Shanghai) 72,4: 183-89.

Lisu seem to be ready for mass conversions.
Nosu doctor and educator employed by missionaries.
Tseng, Chao-lun: see Zēng, Zhāo-lún.
Tsung, Yun (Pinyin: Zong, Yun)
$1954 \quad$ "China's national minorities," People's China 11: 17-23.
Yi number 3.3 million. The Yi epic "Asma" has been written down. See Yang, Gladys, 1955a and 1955b.
Tu, Pin: see Du, Bin.
Tưng Tsò-pīng: see Dơng, Zuò-bīn.
Tung, T'ung-ho (Pinyin: Dong, Tung-he)
1953 "China's spoken languages," Chinese Culture, Mar.: 33-41.

Lolo-Moso group includes Lolo (and Lisu) and Moso (and Lahu and Nashi).
Tung, Ying: see Dǒng, Yíng, and Xúe Jian-hūa.
Tuyen, Vuong Hoang
"De quelques groupes ethniques arrachés de justesse à 1'extinction aux confins de la zone du Nord-Ouest," Etudes Vietnamiennes 36: 149-200.

The Ha Nhi (or U Ni, Hua Y, or Hey Yi) were much reduced in number, according to the 1960 census, which gave their population as 5,259. The Co Sung (or La Hu ) numbered 2,447. Other groups discussed are the xá Côông, Si La, and Bo Kho Pa (Lao or Xa Pho). These groups are now in the process of passing directly from the primitive stage to socialism. Photos.
"Notes sur les Lô Lô, les Cao Lan et les Giay," Etudes Vietnamiennes 41: 102-61.

Lô Lô (La La, Qua La, or 2 i ) numbered 6,898; Cao Lan (or San Choi) numbered 22,543; and the Giay were 16,429 "before the census of 1974" in the northernmost part of Vietnam. Photos.
United Nations
1967
Report of the United Nations Survey Team on the economic and social needs of the opium-producing areas in Thailand, Bangkok, Department of Public Welfare, Ministry of Interior. (Excerpts reprinted in: 1968-69, Bulletin on Narcotics 20,3: 7-17; 21, 1: 1-29.) 144 pp.

Akha, Lahu, and Lisu mentioned, although most of the report is about the Miao. Ecology, opium production, Thai government legislation dealing with opium, with recommendations. Photos.
United States Army
1961
Non-Chinese ethnic groups in southern China and contiguous areas, Washington, U.S. Army Broadcasting and Visual Activity, Pacific, Analysis No. 010461. (Copy located at U.S. Army War College, Carlisle Barracks, Pa.) 33 pp. A-che (A-hsi), Ah-chang, Ah-ka (Akka), Ai-ni (Hani), Kutsung, La-hu (Lo-hei), Li-su (Lissou), Nujen (loutse or Nutzu), Sa-ni, Wo-ni, and Yi (Lolo). Distribution and miscellaneous notes on customs compiled from published sources. (A more complete gazetteer is available in LeBar et al. 1964.) Map.

The Civic Action Program of the Border Patrol Police and the USOM Public Safety Division, Bangkok, United States Operations Mission. 49 pp.

Akha, Lahu, and Lisu mentioned. In Thai and English.

Upcraft, W. M.
1892

Urbani, Arialdo
1968
"The wild men of Szechuan," Chinese Recorder, Oct.: 475-78.

Lolo do not use opium. They have three-storied towers. See Cordier 1907: 76.
helps put young women in amiable frame of mind. Shaman swings first, then men, then women. Legend has it that this custom was started by a woman whose fields were poor, and she thought the offering would better the harvest. The ceremony lasts three days, but at one time it lasted 33 days (one Akha month). Photos. See Kacha-ananda 1971.

Vacca, Giovanni

1934
Valtat, Maurice
1915
"Li-su," Enciclopedia Italiana 21: 272.
"Dans les derniers recoins de la Chine inconnue.
Chez les Lolos noirs De Yúeshi à Tchaokia," Les
Missions Catholiques 47,2394: 202-04, 2395: 214-16.
Black Lolo: Voyage from Yuéshi to Ningyuanfou via Léang-chan in 1914 through the territory of Gougui Lolo. Houses. Mouth organ. Map, photo.
Vannicelli, Fr. Luigi, O.F.M.
1944
La religione dei Lolo, Contributo allo studio etnologico delle religioni dell'estremo oriente, Milano, Società Editrice "Vita e Pensiero," Publicazioni dell'Universita Cattolica del S. Cuore, n.s. 2, xi, 263 pp.

Lolo religion. Based mostly upon French writings of Vial, Liétard, Legendre, and others. Comparisons with Chinese and other peoples of southwestern China. Suffers from attempts to prove parallels with Christianity. Agrees with Miller that the name of a specific tribe (Lolopho) was applied to all Lolo.
Savina says there are 2 million Lolo, but there must
be 3 or 4 million in Yunnan alone, and Chatagnon says there are 300,000 to 400,000 in Szechwan. Vial distinguishes between the $u$ and a dialects, and Lietard recognizes an o dialect. White Lolo include Na-se, Ko, Kotu, Gni, Asci, A-gie. Lolo writing is similar to the Chinese of the Chou, by which time they are said to have had a feudal state. They believe in an omniscient, omnipotent creator and lord known by different names (pp. 17-19). A Gnipha legend says that Ke-ze created man from earth, but the Spirit of the Earth demanded its return; a compromise was reached whereby it would be returned after one cycle of 60 years. Creation stories, including that of Sun and Moon, original sin and redemption, flood. Flood legends have three parts: God wishes to punish man, siblings are ancestors, incestuous union is approved. Four types of flood legends: moral where only the good brother survives (southern Yunnan and Miao), brothers as ancestors (Gnipha), conflict between two brothers causes flood (Yao), animal warns man of flood (Lolo of Szechwan). Traces of totemism. Personal cult involves sacrifices in spring and thanksgiving; family cult at New Year and 8th moon; village cult at llth moon, 24 th day of 6 th moon and harvest. Lolo recognize Sifan, Chinese, Tai, Yao-Man as having descended from the couple who survived the flood. Monogamous, strong conjugal and filial devotion. God created good and bad spirits. The dragon is the opponent of bad spirits, protector of villages and houses. Divination by calendar, coin that oscillates
when right spirit is called, scapulimancy, grains in water, orientation of a dying chicken. Male and female shamans, working through personal spirits, deal with evil spirits. Spirits and spirit ceremony have names derived from Chinese. Death is the leaving of the soul from the body. Accidental death is impure. Seven grains of rice ( 9 for a man) are placed in the mouth of the deceased. Death customs, dances, songs, mourning. Independent Lolo cremate, but others bury the dead. There is a cult of the dead, with figurines or tombs as localizations. The protoparent of the sacred grove or village pagoda obscures the idea of the Creator God. Four periods in Lolo history: monotheism, spirit beliefs, cult of the dead, combination of all three. Rest day, is Saturday. Possible origins. Map.

Review: Wolfram Eberhard, 1945, Anthropos, 37: 976-77.

Van Roy, Edward

Economic frontiers: A study of economies in the hills of northern Thailand, doctoral dissertation, Austin, University of Texas. (Available from University of Texas Library.) See his 1971, below.
Economic systems of northern Thailand, Ithaca, Cornell University Press. 289 pp.

Lahu villages of nikhom Chiangdao, Chiang Mai Province, Thailand. They are Christians who no longer grow opium, but engage in labor on the nearby tea plantation and sell handicrafts via missionaries.

Akha, Lahu mentioned.

Reviews: Dessaint and Chia Lin Sien, 1972, Journal of Southeast Asian Studies 3, 2: 325-29; Pitt, 1972, American Anthropologist 74: 881.

Vaulserre, Comte de
1907 "Traversée du pays des Lolos independants," La Géographie, Jul. 15: 71-73.

Lolo visited by Mission d'Ollone. See Cordier 1907.

Vial, Paul
1888 "Yun-nan (Chine), Un tournoi chez les sauvages Lolos," Les $\frac{\text { Missions }}{\text { Lolo in Yunnan call }} \frac{\text { Catholiques }}{\text { themselves Pou: in Kouy- }}$ tcheou (Kweichow) they are called Miao-tsé. They are dominated but not conquered. Description of wrestling matches.

1890a

1890b

1893-94
$\frac{\text { De }}{\text { Paris, }} \frac{\text { la }}{\text { Ernest }} \frac{\text { langue }}{\text { Leroux. }} \frac{\text { de }}{} \frac{\text { écriture }}{23 \mathrm{pp}}$ indigène au $\frac{\text { yun-nan, }}{}$,
Lolo has no meaning. Man are independent Lolo. Includes many dialects. Examples of writing (pp. 1618); story of the deluge, with translation (pp. 20-23): three brothers and their sister are told by an elder of the impending flood; the oldest brother hides in an iron box, the next in a copper box, and the youngest in a wooden box with his sister; they wind up on a mountain and are saved by "bamboo." See Devéria 1891.
"Etude sur l'écriture des Lolos de Yün-nan," Le Lotus 9: 30-49.
"Les Gni ou Gni-Pa. Tribu lolote du Yû́n-Nân," Les

Missions Catholiques 25,1244: 160-61, 1245: 178-80, 1246: 189-90, 1247: 200-02, 1248: 208-09, 1249: 222-25, 1250: 236-38, 1251: $244-46$, 1252: 258-60, 1253: 268-70, 1254: 281-83, 1255: 293-94, 1256: 308-10, 26, 1307: 30002, 1308: 308-10. Gni Lolo: Vial lived first at Tien-sên-koân in 1886, and missionized the Lolo of Lou-mèiy. Lolo marry by free choice; divorce frequent. Opium smoking unknown. Named after the name-day or some physical peculiarity (pp. 268-70). Literature and poetry (including translations), music, dance, costume (pp. 300-02, 308-10). Photos appear on other pages in these issues as well, especially pp. 222, $224,258,259,270$, 281, and 295.
Les Lolos, Histoire, Religion, Moeurs, Langue, Ecriture, Chang-hai, Imprimerie de la Mission Catholique. 71 pp .

Gni Lolo had 12 original patriarchs, one of whom (Pou) they still worship. They came from Mt. Mouto, led by two chiefs: tou (white) and na (black). Later, there were 18 lords. Creation legend, drought legend, deluge. Midje is a protector spirit sacrificed to on horse or rat day of rat (llth) month. Marriage ceremony. Funerals. Ritual combat when harvests are poor. 25 pages of Lolo script and meanings. Language, literature. Man-tse (lolo) vocabulary from Tong-ho in Sze-ch'uan $\left(29^{\circ} \mathrm{N}\right)$ (by Martin).

Dictionnaire Français-Lolo, Dialects Gni, Tribu situee dans les sous-préfectures de Lóu nân tchēou, Ľu leâng tcheou, Kouang-si tcheou, Province du Yunnan,

Hongkong, Imprimerie de la Société des MissionsEtrangères. 350 pp .

Lolo measures: previously cowrie shells were used as money; a chen of rice is a full measure, but a chen of rent is $8 / 10$ th of this; 12 -animal cycle for days, months, and years. Grammar. Texts include a genealogy of the ancestors of the Lolo, a dream, why the earth is wrinkled, sacrament of the eucharist, act of repentance. 424 characters of Lolo writing. See Haudricourt 1957-58.

Review: 1909, Les Missions Catholiques 41, 2102: 455.
"A travers la Chine inconnue. Chez les Lolos," Les Missions Catholiques 49, 2527: 537-38, 2538: 545-47.

Lolo cultivate wheat, buckwheat, maize. Village of Jedjé has 90 families, 542 inhabitants. Photos.

Vissière, A.
1914
"Les désignations ethniques Houei-houei et Lolo," Journal Asiatique série 11, 3, 1: 175-82.

Lolo, Kou-lo, and other names, their pronunciation and characters. Reduplication in ethnic names is similar to that of kin terms. The Louo mentioned by Lepage (1910, Journal Asiatique série 10, 15, 5: 236) must be Lolo. Lou means "ravish, take prisoner," and is widely used.

Review by Léonard Aurousseau, 1915, Ecole française d'Extrême-Orient, Bulletin 15, 4: 38 .
Voegelin, Carl F., and Florence M. Voegelin
"Languages of the world: Sino-Tibetan fascicle five,"

Anthropological Linquistics 7,6: 1-58.
Lisu: List of other names by which they are known. At least two dialects. Two-page phonemic summary, based on data of Robert Morse from 1956 to 1958.

Wa-cha-mu-chi, and Wang Hai-min (See also China Reconstructs 1953.)
"A leaping decade for the people of the Yi nationality of Liangshan, Szechwan," Mínzúu Tuánjíe (Nationalities Unity) 11. (English translation: Excerpts from Communist Chinese Magazines 203: 27-30.)

Yi of Liangshan: Their progress since Liberation. Both authors are secretaries of Liangshan Yi Party Committee, and administrative heads of the zhou.
Walker, Anthony R.
1966-69 Reports of research activities among the La Hu Ni (Red La Hu), Chiang Mai, Tribal Research Centre (mineographed).

Lahu Nyi of Amphoe Phrao. Fourteen reports concerning especially agricultural activities. Some written together with Snit Wongprasert. See Walker 1970b, below.

1970a
"Red Lahu village society An introductory survey," in Peter Hinton, ed., Tribesmen and Peasants in North Thailand, Chiang Mai, Tribal Research Centre, pp. 41-52.

Lahu Nyi of Amphoe Phrao: Social and political organization, ritual organization. "The La Hu-Nyi (Red La Hu) New Year celebrations," Siam Society, Journal 58, 1: 1-44.

Lahu Nyi of Amphoe Phrao: Description of their New Year's ceremonies, including texts and translations.

Lahu Nyi (Red Lahu) village society and economy in north Thailand, 2 vols., Chiang Mai, Tribal Research Centre (mimeographed). 580 pp .

Lahu Nyi of Amphoe Phrao, Chiang Mai Province, Thailand. Based on field research between 1966 and 1970. This is the best and most complete source of information on any Lahu group, including distribution, population, history, demography, village and household structure, kinship, political organization, law, religion, prophets, ritual, life cycle, land tenure, agricultural cycle (with detailed statistical information on labor and land inputs, yields, etc.), husbandry, hunting, trade, wealth, etc. Maps. Sketches. "Blessing feasts and ancestor propitiation among the Lahu Nyi (Red Lahu)," Siam Society, Journal 60,1: 345-73.
"Aw ha hku ve: The Lahu Nyi rite for the recall of a wandering soul," Royal Asiatic Society, Journal 1: 16-29. The Lahu of the Yunnan-Indochina borderlands: Ethnic group and village community, doctoral dissertation, Oxford, Oxford University. 448 pp.
"Lahu illusions," Far Eastern Economic Review 5, Mar.: 21.
"From poppies to peaches," Far Eastern Economic Review

Aug. 27: 46-47.
Akha, Lahu, Lisu mentioned. Photo.

1974a

1974b

1974c

1974d

1974 e

1974-75
"Lahu Nyi (Red Lahu) New Year texts," Siam Society, Journal 57, 1: 1-26.
"Lahu Nyi (Red Lahu) tests of innocence: Ethnographic notes and Lahu texts," Acta Orientalia 36: 209-24.

Lahu tests of innocence in legal cases include chewing rice grains (if soft and mixed with saliva, innocent; if dry and hard, guilty), drinking water in which a half-burned piece of wood has been dipped (guilty will die), spirit specialist, invoking spirits, faces accused and dribbles ash from the headman's hearth through his fingers and onto the ground (guilty will die). Photo.
"Three Lahu Nyi (Red Lahu) marriage prayers: Lahu texts and ethnographic notes," Royal Asiatic Society, Journal 1: 44-49.
'Messianic movements among the Lahu of the Yunnan Indochina borderlands," Southeast Asia 3,2: 699-711. (Reprinted 1975 in Alain Y. Dessaint and Ernest C. Migliazza, eds., Anthropology and Linguistics, Dubuque, Kendall/Hunt Publishing Company: pp. 187-91.)
"The divisions of the Lahu people," Siam Society, Journal 57,2: 253-68.
"The Lahu of the Yunnan-Indochina borderlands: an introduction," Folk 16-17: 329-44.

Lahu: An historical and ethnographic sketch. Photos, map.
"Lahu Nyi (Red Lahu) New Year texts II," Siam Society, Journal 58,2: 161-98.

1975b

1975c

1975d
"Lahu: Burma, China," in Family of Man: Peoples of the World, How and Where They Live, London, Marshall Cavendish, 5,62: 1719-21.
"Lisu: South-east Asia," in Family of Man: Peoples of the World, How and Where They Live, London, Marshall Cavendish, 5, 63: 1752-53.
"The renaming and ritual adoption of a Lahu Nyi (Red Lahu) child," Ajia-Afurika Gengo Bunka Kenkyu/Journal of Asian and African Studies (Tokyo) 10: 183-89. Lahu Nyi of Thailand, text and notes.
Walker, Anthony R., ed.
Farmers in the hills: Ethnographic notes on the upland peoples of North Thailand, Penang, Penerbit Universiti Sains Malaysia for the School of Comparative Social Science. 211 pp .

Akha, Lahu, and Lisu of Thailand. Settlement patterns, village communities, daily life, agricultural festivals, Christian converts, social organization, religion, history, and relations with the Thai government. The following chapters are most pertinent: "Northern Thailand: Hills and valleys, hillmen and lowlanders" (pp. 1-17); "The Lahu people:An introduction" (pp. 111-26); "Ban Luang: A Lahu Nyi village" (pp. 127-37); "Sheh-kaw shi-nyi: A Lahu Nyi agricultural festival" (pp. 139-48); "The Lahu Na (Black Lahu) Christian community at Huai Tadt: Some notes" (pp. 149-55)--all by A. R. Walker; "The Lisu people; An introduc-
tion (pp. 157-64) by Mohd. Razha Rashid and Pauline H. Walker: "The Lisu village of Mae Pun naweh: Some impressions: (pp. 165-68) by Mohd. Razha Rashid; "The Akha people: An introduction' (pp. 169-81) by Syed Jamal Jaafar and A. R. Walker; "The Akha of Huai San: A note: (pp. 183-86) by P. H. Walker; "Central government and tribal minorities: Thailand and West Malaysia compared" (pp. 189-203) by Tan Chee Beng. Photos.
Wanat Bhruksasri: see Bhruksasri, Wanat.
Wang, Chi (or Ji)
1951
"The Yis may ride in their towns again," People's China 4,11: 28-29.

Yi of Choakioh may now ride horses in town and go about in groups, previously forbidden. Photo.
Wang, Hai-min (See also Wa-cha-mu-chi and Wang Hai-min.)
1959 "People of Yi nationality on the road to socialism," Rén-mín ri-bao, Nov. 8. (English translation: Survey of the China Mainland Press 2150: 30-32.)

Yi of Liangshan autonomous zhou use an average of 10,000 catties of manure per mou. National calamities this year kept the harvest at only $25 \%$ above last year's. Wáng, Jie-chīng

1937
"Yún-nán zàng shán lîang zú zhī fēn bu jí chí fēng hua (The distribution of Tibetan and Shan tribes in Yunnan and their morals)," Wén-hù jian-she (Cultural Reconstruction) 3, 9 .

Lolo mentioned.
Wang, Leh (or Le)
1959 "Cultural growth of minority peoples," Peking Review

3: 18-19.
Lisu, Yi educational advances.
Wang, Mary T.
1946 "A remote tribe in west China," China Magazine 16, 5: 45-53.

Yi character means "a man with a big bow." Castes. Village is important unit. New Year and Torch festivals. Prefer father sister's daughter marriage. Cremation three days after death. Memorial service is accompanied by horse racing and bridge building. Ancestor worship stops at great-grandfather.
Wang, Shu-tang 1955

China Land of Many Nationalities A sketch, Peking, People's Republic of China. 63 pp.

Wang, Tien
1956 "CCP Yunnan Provincial Committee maps out new plan to foster nationality cadres," New China News Agency, Kunming, July 18. (English translation: Survey of the China Mainland Press 1351: 25-27.)

More than 17,000 cadres of minorities were fostered in past few years. Among the Yi and Hani, $0.2 \%$ to $0.3 \%$ are cadres, among the Lisu, less than $0.1 \%$.
Wang, Wei-xun (or Wei-hsun)
1959 "The Yi nationality of Da Liang shan and Xiao Liang shan autonomous zhou amid speedy progress," Shàng-yóu (Upstream), Feb. 1. (English translation: Excerpts from China Mainland Magazines 169: 37-41.) Yi have ended slavery. 1,400 agricultural cooperatives with 100,000 households ( $85 \%$ of the population) are
proceeding with commune program. A bumper grain harvest of 815 catties per capita in 1958. There are now 4,700 factories and mines, employing 17,000 workers.
Wang, Wen-chao


See Hsú Ìtáng 1932.
Ward, Francis Kingdon (also Francis Kingdon-Ward)
1912 "Through the Lutzu country to Menkong," Geographical Journal 39: 582-92.

Lissu are related the Black Lutzu. Map, photos. The land of the blue poppy, Cambridge, Cambridge University Press. 283 pp.

Lissu live on both sides of the Mekong from $27^{\circ} 1^{\prime}$ to $28^{\circ} \mathrm{N}$. In summer they go to Li-ti-p'ing to tend flocks; collect honey, poison, and wood; and rob travelers. Peas are sometimes planted to camouflage opium poppy fields. Lissu women wear a headdress which looks like a sun bonnet covered with cowries. Mixed Pêtzu-Lissu villages. 200 revolutionaries, including Lissu and Minchia, take La-chi-mi (pp. 215 17). Garrison at Bahang keeps Lissu in check.

Lutzu have moved down Salween as far as Bahang. Dress, traps, village locations. K'ang-p'u chief rules 15,000 families, including Lissu, Minchia, Moso, and Chinese; these Lissu are dwarfish and negritoid (pp. 194-95).

Lu-k'ou are of Shan and Lissu orgin, but speak and dress like Chinese (p. 230).

Ch'utzu is a tribe between the Salween and Nmai kha at $28^{\circ} \mathrm{N}$.
"The hydrography of the Yunnan-Tibet frontier," Geographical Journal 52: 288-99.

Lissu have moved west from the Salween Valley. "The valleys of Kham," Geographical Journal 56: 18395.

Map, photos.
In farthest Burma, London, Seeley, Service. 311 pp. Altitude reflects relative power: the Lissu, who are settled at the highest altitudes, are claimed to be the weakest. Map, photos.
"From the Yangtze to the Irrawaddy," Geographical Journal 62: 6-20.

Map, photos.
The mystery rivers of Tibet, London, Seeley, Service 316 pp.

Lisu: Kingdon-Ward was a better botanist than he was an ethnologist, but he traveled widely through the Lisu area. Most of what he observed is summarized on pages 201-12 of this book, although he sometimes contradicts himself elsewhere. He writes about dress, housing, crops, graves, and possible orgins (which appear linguistically and physically to be from north or east, although the houses, household goods, and traditions of elephants suggest a southern or western origin). He claims that the Lisu are moving northward and westward.
From China to Hkamti Long, London, Edward Arnold.

Lisu are the "most picturesque people on the North-East Frontier." They were driven by the Moso from the east. He erroneously classifies them as Siamese Chinese. Map, photos.

Burma's icy mountains, London, Jonathan Cape. 287 pp.
Lisu mentioned. Superb photos.
Return to the Irrawaddy, London, Andrew Melrose. 224 pp.

Lisu pan for gold in northern Burma, and dig for medicinal plants (Fritillaria sp.) near the sources of the Irrawaddy (pp. 52, 214, 47). A Lisu family may own a Chinese coffin tree (Taiwania cryptomerioides) (p. 155). Photographs of Lisu crossbowmen (frontispiece, p. 32), girl (p. 61), and grave (p. 33).

Webb, C. Morgan 1912

Census of India $1911,11, \underline{1}$ (Burma, Report).
Lishaw kinship terms (Appendixes xlvii-xlix,lxii), Lisaw (lxiii), Muhso (1xiii).
Weed, A. C.
1969
Field notes and recommendations, Border Patrol Center Survey, Area V, Bangkok, United States Operations Mission Public Safety Division. 9 pp.

Lahu, Lisu: Thai Border Patrol Police should make use of available supplies, engage in soap-making projects, civic action, make use of veterinarians and medics, and place less reliance on air support.
Wehrli, Hans J.
1904
"Beitrag zur Ethnologie der Chingpaw (Kachin) von

Ober-Burma," Internationales Archiv für Ethnographie, Supplement zu bd. 16, Leiden, E. J. Brill.

Lisu, Lishaw, Lahu: Various classifications. Map.

Wén, Bīn
1924
'Mán zi (Barbarians)," Zhōng-gúo chīng-nian (Chinese Youth) 41.

Lolo mentioned.
Wén, Chāo
1936
"Hàn zú túng bāo dùi fú xīng lǔo-10́ yìng yơu de tà̀ du (The attitude which the Han ought to have with
 (New Yi Tribe) $\underline{1}, \underline{1}$.
Wén, Jiang
1953
"Sì-chūan hùi-1ǐ de tư zhù rén zhōng (Aboriginal tribes of Huili in Szechwan)," Dú-1ì píng-lùn (Independent Critic) 36 .

Lolo mentioned.
Wen, Xue-nong (or Hsueh-nung)
1970
"Re-education work must not be relaxed even for a single moment," Gūang-míng rì-bào, Dec. 17. (English translation: Survey of China Mainland Press 4809: 95-98.)

Yi. Author is member of the Hungho Hani and Yi autonomous zhou Revolutionary Committee.
Wén, yōu
1936a
"Zài lùn lưo-ló wén shù zì (A further discussion of Lolo numerals)," Tīen-jīng dà gōng bào, tú shū fū (Tientsin News, Illustrated Supplement) 115.
"Dú cùan wén cóng kè - jīan lùn ló wén zhī qǐ yúan (A study of the collection of Ts'uan characters - as well as a discourse on the origins of the Lolo language)," Tīen-jīng dà gōng bào, tú shū fü (Tientsin News, Illustrated Supplement) 150-51.

Lolo (or Ts'uan) writing. See Ding 1935 and 1936. "Yún-nán sì zhǒng ló wén de chū bù bí jiao (A comparison of the four varieties of the Lolo script in Yunnan)," Studia Serica (Húa xī xíe hé dà xúe zhōng gúo wén hùa yán jíu sǔo) 1,2: 119-54.

In Chinese, with English summary.
"Lǔo-ló yì yú kǎo (On Lolo i yu - Lolo-Chinese vocabularies)," Studia Serica (Húa xī xíe hé dà xúe zhōng gúo wén hùa yán jì sưo) 1, 1: 77-97.

In Chinese, with English summary.
Review: Stein, 1941, Ecole francaise d'ExtrêmeOrient, Bulletin 41: 430-34.
"A study of the Lolo script with special reference to Yunnan varieties," West China Border Research Society, Journal 16: 95-103.
"A comparison of three varieties of the Lolo characters in Szechwan, Yünnan, and Kweichow," Zhöng-gúo wén-hùa yán-jìu huì-kān (Bulletin of Chinese Studies) 7: 245-49, 265.

Lolo characters from Liang-shan, Lu-nan, and Tating. They have a common origin, originally ideograms (not phonograms, as Terrien de Lacouperie assumed). Each character has its own particular composition, though they are now always confused with each other.

In Chinese, with English abstract.
1948
"On the vowel phonemes in a Lolo dialect spoken at Hsi Ch'ang," Zhōng-gúo wén-hùa yán-jìu huì-kān (Bulletin of Chinese Studies) 8: 131-38.

In Chinese, with English summary.
1950
"Linguistic affinities between Hsi-hsia and Lolo," Studia Serica 9, 2: 105-06.

Lolo: Laufer (in T'oung Pao, 1933) pointed out the close connection between Hsi-hsia, Lolo, and Moso. Wolfenden (in Royal Asiatic Society, Journal, 1931 and 1934, and T'oung Pao, 1936) proposed that Jyarung was a surviving relative of Hsi-hsia. Wang (in Shishiah Studies, 1933) points out the connection with Ch'iang and Minchia. Hsi-hsia is close to Lolo in its labial initials ( $p-\mathrm{b}-\mathrm{v}$ ), and it is a tonal language (like Lolo and Moso, but not Ch'iang and Jyarung), because it was written with small circles in the four corners (a Chinese method of distinguishing tones).
Wēn, You, and Yáng, Hàn-kūang
1942
"Wū-mán tǒng zhì jíe jí de nèi hūn jí chí mè lùo (The intermarriage and decline of the ruling class of Wuman)," Bian-zhèng gong-1ün (Border Political Commentary) 2,11-12.

Lolo.
Whitaker, Donald P., with Helen Barth, Sylvan Berman, Judith Hermann, John MacDonald, Kenneth Martindale, and Rinn-Sup Shinn Area handbook for Laos, DA Pamphlet 550-68, Washington D.C., Foreign Area Studies Program, American University and Department of the Army. (1967 edition was prepared
by T. D. Roberts, Mary Carroll, Irving Kaplan, Jan Matthews, David McMorris, and Charles Townsend.) 337 pp.

Akha, Lahu mentioned.
Whitaker, Donald P., and Rinn-Sup Shinn, with Helen Barth, Judith Hermann, John MacDonald, Kenneth Martindale, and John Weaver

1972
Area handbook for the People's Republic of China, DA Pam 550-60, Washington, D.C., Foreign Area Studies, American University, and Department of the Army. (1967 edition was by Frederic Chaffee, with George Aurell, Helen Barth, John Dombrowski, Neda Walpole, and John Weaver.) 729 pp .

Achang, Lahu, Lisu, Nasi, Nu, Tulung, and Yi mentioned (pp. 109-11).

White, Peter T.
1967
"Hopes and fears in booming Thailand," National Geographic 132,1: 76-125.

Akha, Lahu, and Lisu mentioned. Photos of Lahu and Lisu (by Dean Conger).
White, Peter T., and W. E. Garrett
1961
"Report on Laos," National Geographic 120,2: 240-75.
Akha: Photos.
Mousseudam and Mousseudeng (Black and Red Lahu) mentioned.

Wiens, Herold Jacob
1954
China's march towards the tropics, Hamden, Conn., Shoe String Press. (Reprinted 1967, Han Chinese expansion in South China, Hamden, Shoe String Press.)
(HRAF AF17-2)
Lolo An clan was in Ta-ting area as early as the Three Kingdoms in the third to fourth centuries (p. 87). Their origin was in the north; the western Chiang moved south and were renamed Lolo (pp. 93-96, 79). 1628 revolt against T'ien-ch'i (pp. 220-21). Description based on Lín 1947 (pp. 287-93, 280).
"Some of China's thirty-five million non-Chinese," Royal Asiatic Society, Hong Kong Branch, Journal 2: 54-74.

Yi have lived in southwestern China for 2,500 years. Their hair horns date from at least the Later Chou (951-960). Eickstedt says that their legends, economy, language, and customs indicate an origin in the northeastern Tibetan plateau (eastern Chinghai). They comprise 40 subtribes in Yunnan alone: Na-khi, Lisu, $\mathrm{Nu}, \mathrm{Tu}$-lung, Ching-po, La-hu, A-ch'ang, Pai (once thought by Wiens to be Tai, but grouped with Yi by Bruk), Han-yi, and T'u-chia of northwestern Hunan. In the 1953 census, the T'u-chia numbered 90,000 , but later Fang Jen found that they numbered 300,000 , and Bruk gives a figure of 549,000 ; they are highly acculturated. Summary of Winnington 1959. 1953 census figures by provinces. Map.

1973
Wiin-tham
1972
"Yi," Encyclopedia Britannica 23: 893.
"Khon phàw Liisaw (The Lisu people)," Wiin-tham 17,803: 2-6, 18, 27-28.

Lisu of Thailand: Popular introduction. Photos.

In Thai.
1973
"Jîam Ikho (Visit to the Akha)," Wiin-tham 17, 819: 4-5, 23-24.

Akha of Thailand: Popular introduction. Photos.
In Thai.
Wilcox, Ruth Turner
1965
Folk and festival costumes of the world, New York, Charles Scribner's Sons. Not paginated.

Lessu woman's dress (plate 91).
Wilson, Dick
The Long March 1935, The epic of Chinese Communism's survival, New York, Viking Press; London, Hamilton. $x x, 331 \mathrm{pp}$.

Lolo hindrance and help to the Long March (chapter 14). See Chen 1972.
Winnington, Alan
1959
The slaves of the cool mountains, The ancient social conditions and changes now in progress on the remote South-Western borders of China, London, Lawrence and Wishart 223 pp.

Yi: Based on residence in the Liangshan area as government adviser, 1957-58. Norsu raids took place as late as 1949. In the 1920s, a Chinese landlord officer of Yung Shen led 400 men on a raid of the Norsu: burning, killing, stealing cattle and horses. Shortly after, 1,000 Norsu struck back, taking 1,000 cattle and 300 slaves ( p .17 ). Home Guard and defensive village wall to prevent former slave-owners from staging a comeback. Slaves included former Han, Nashi, Lisu,

Hsifan, Chungchia, Mosu, Tibetans (pp. 23-27). Dress (p. 25). Ninglang has county government building, bank, hospital, state store selling large variety of goods, and producer cooperative (p. 28). Norsu of the area say that 30 generations ago they had a common ancestor named Lapudior, who had four sons: Buyu, Lomhn, Zeku, Wadja; the latter took a wife of doubtful antecedents, so that the latter clan was split with a bastard group, Loho, whom the other clans refused to marry. The five clans are further divided into 500 families. Norsu (Black Bones) have dialect differences with Pu Nor (White Black), who are bondsmen with feudal obligations to their lords (pp. 29-31). Caste and class (wealth?) differences do not necessarily coincide. $47 \%$ of the population were slaves: house slaves (those "at the lower end of the fireplace") were inherited by nobles' sons (who took the male slaves) and daughters (who took the females); when nobles married, their slaves were paired off (therefore slaves sometimes married within their clan), and they became separate slaves ('people sleeping on the side'). Slaves could also possess slaves. They could buy their freedom, and some ran away to enemy lords. Non-Norsu were kidnapped and made slaves, while bondsmen could be abducted and gambled into slavery (pp. 31-34). Nobles were endogamous, with clan exogamy; parallel-cousin marriage was forbidden, and cross-cousin marriage prescribed. Women held high positions; a threat of suicide by a woman (which would lead to clan feuds) was effective in get-
ting her way. Bride-price consisted of a race horse, 10 silver ingots, 10 horses or cattle, 100 sheep, gifts to the middlemen and managers of the wedding, 3 silver ingots to each family of commoners accompanying the bride, an estimated total of 2,670 yuan ( 400 English pounds), plus presents each time the wife visited the husband until the birth of the first child. Wife lived with her parents until the birth of the first child, during which time she engaged in love affairs with her cousins. Monogamy, except when the wife is childless. Close relations with husband's younger brother, but avoidance of elder (although in levirate, a widow may marry either, and even the dead husband's father). In 1948, Buyu Wani, leader of the largest clan (and now head of the county and member of the National People's Congress), was contacted by a Communist named Hu Tan. Hu Tan convinced him that the Kuomintang should be prevented from using Liangshan as refuge. The Norsu cut up the Kuomintang trops, including 1,000 at Yung Sheng. Hu Tan also warned Buyu Wani of missionaries such as "Pastor An," who had taught some Lisu how to write, and that now there were disputes between Lisu converts and non-Christians. At the time of Liberation, only the wealthy nobles were certain of food year-round, no one could read, and the "piled-up sufferings of their slaves and commoners ended in drunken feasts, opium orgies and buried silver ingots" (p. 58). At first, the Communists made friends and stressed unity; they brought relief supplies; there were problems with runaway
slaves who sought refuge with Han work teams. Rumors of a possible mass massacre of slaves caused more runaways; nobles also feared land reform and the indignities of "speak bitterness" meetings. An estimate of the Norsu population revealed: nobles with 10 or more slaves constituted $2.5 \%$ of the population, nobles with less than 10 slaves $2.5 \%$, commoners with 10 or more slaves $3 \%$, commoners with 1 to 9 slaves $25 \%$, commoners without slaves $20 \%$, separate slaves $33 \%$, house slaves $14 \%$. Slaves had no incentive to produce more, since everything went to the nobles. Nobles had no incentive, since they had enough. In 1956, peaceful reforms were carried out from above: slavery was abolished, but the nobles retained their houses, personal property, gardens, 2 acres of farmland, prestige and salaries as leaders and members of local committees; land divided, feudal privileges and usurious debts were canceled. All were classified either as "slave owners" (who owned 10 or more slaves, 10 or more acres, and derived over $70 \%$ of their income from the labor of others) or "working people." Five steps in abolition: elect District Reform Committee, investigate individual conditions of slaves, classify into categories, form a District Labor Committee, distribute land. Some slave owners sabotaged the plan by slaughtering their own cattle, but later the Reform Committee could force the sale of cattle. Documents pertaining to reform (pp. 8896). A greater problem than dealing with former slave owners was getting house slaves to be self-dependent.

Slave households were urged to cooperate in groups of 10 or more.

Lahu headman of a Wa group fought Kuomintang (p. 128). Progress among the Wa and Jingpaw. Changes were not imposed upon the minorities, but they were urged to discuss possible reforms. Three methods of transition to socialism: reform by open class struggle; reform by peaceful negotiation, as among the Norsu (both these methods have an intervening stage of private land ownership); direct transition from communal work to cooperative collective, as among the Wa and Jingpaw (where class differences were unclear).
Wissmann, Hermann von
1943
Süd-Yünnan als Teilraum Südostasiens, Schriften zur Geopolitik Heft 22, Heidelberg, Berlin und Madgeburg, Vowinckel Verlag. 30 pp .

Aka, Buli Aka, Lohei, Lolo, and Yolo mentioned. Elevation cross-sections, showing habitats of different ethnic groups. Maps.
Wohnus, William H.: see Hanks, Hanks, and Sharp 1965.
Wongprasert, Sanit (See also Walker 1966-69.)
1975 "Lahu trade and commerce," Siam Society, Journal 58,2: 199-218.

Lahu Nyi of Phrao district, Thailand. Photos.
Wood, William Alfred Roe
1965 Consul in paradise, London, Souvenir Press. (A revision of 1935, Land of smiles, Bangkok, Krungdebarnargar Press.) 175 pp.

Akha, Lahu, and Lisu mentioned (pp. 151-52).

Photos (mostly by Gordon Young).
Woods, James L.
1969 Hill tribe names, Bangkok, Advanced Research Projects Agency, U.S. Department of the Army. 24 pp .

List of names.
Woodthorpe, R.G.
1897
"Some account of the Shans and hill tribes of the states on the Mekong," Anthropological Institute, Journal 26, 1: 13-28.

Muhsos located west of Keng Tung and in northern Siam. Include 16 tribes. New Year festival. Drawing of Muhso weaving.

Kaw located east of Keng Tung and Keng Cheng.
Wú, Shān-chóu
"Si chūan é bīan yí rén xìan zhòng zhī diao chá (A survey of the condition of the Yi people in the $E$ or o-pien border areas of Szechuan)," Dì-xue záa-zhì (Geographical Magazine) 13,2 . "S'i-chūan jìng nèi zhī ló-lo (The Lolo within the territory of Szechuan)," Chūan bīian ji-kan (Szechuan) Border Quarterly) $\underline{1,1}$.

See zhōng-gúo yín-háng diao chā zư, chúng chìng 1935.

Wu, Wen-tsao (Pinyin: Wu, Wen-zao)
1955
"Facts on national minorities," China Reconstructs 4,2: 9-12.

Lisu number fewer than 200,000 (p. 10).
Wyss, Peter
1969
"Thai orthography for Akha, Part 2," in Peter Hinton,
ed., Tribesmen and Peasants in North Thailand, Chiang Mai, Tribal Research Centre: 113-16.
Xia, Ting-yu
1928

> "Luǒ-ló shù luè (A brief account of the Lolo)," Zhōngshān da-xúe yǔ yán lí shí yán jiu suo zhou-kān (Sun Yat-sen University Language and History Research Institute) 3 , $35-\underline{36}$.

Xin, Wen: see Hsin, Wen.
Xin-hua News Agency: see New China News Agency.
Xú, Yi-táng: see Hsú, Ìtáng.
Yang, Bin-zhuan, and Wang, Ji-shen
n.d. Notes on the investigation of northern Yunnan, n.p. Lisu "cultivate by sword and plant by fire" (slash and burn). They love wine.
Yang, Ch'êng-chih (also Young, Ching-chi or Ching-che) (Pinyin: Yáng Chéng-zhì)
1929

1930a

1930b
"Yún-nán lưo-1ó diao chá jin xìn (Recent report on the Yunnan Lolo)," Mín-sú (Minority Customs) 57-59. "Lólo shūo lue (Introduction to the Lolo)," Ling-nán Xúe-bào (Lingnan Bulletin) $\underline{1}, \underline{3}$.
"Lólo wén de qǐ yuán jí qí nèi yóng yi bān (The origin and general content of the Lolo language)," Li shǐ yú yán yán jiu sǔo, zhōng yāng yán jiu yūan (Bulletin of the Institute of History and Philology, Academia Sinica) 11 .
1931a
"Yún-nán lólo zú wū shī jí q'í jīng dian (Yunnan Lolo shamans and their script)," Zhōng-shān da-xúe wén-shǐ xúe yán jìu suo jí (Sun Yat-Sen University, Cultural and Historical Research Institute) $1,1$.

1931b
"Yún-nán lólo de wén zì (The written language of the
 "Yun-nan lolo jing ba (Yunnan Lolo sutras)," Xīn-ya X주-yǎ (New Asia) $2, \underline{1}$.
"Cóng xi nán mín zú shuo dao dú lì lólo (Comments on the southwestern minorities including the independent

"Lólo tà shang chīng jìng xīao zāi jíng dui y' (A Lolo transliteration of T'ai-Shang-Ch'ing-Ching-Hsiao-Tsai-Ching)," Li shi yư yán yán jìu suǒ, Zhōng yāng yán jiu yùan (Bulletin of the Institute of History and Philology, Academia Sinica) 4,2: 175-98.

Lolo sutra on tranquility and evading calamity, in Lolo, and Chinese translation.
"La langue, l'écriture et les manuscrits lolos," London, Premier Congres des Sciences Anthropologiques
et Ethnologiques: 313-16.
"Zhōng gúo zī nán mín zú zhōng de lólo zú (The Lolo among the southwestern minorities of China)," Di-xue zá-zhì (Geographical Magazine) 22,1 .
"Wơ dùi yú yứn-nán lólo zú yán jỉu de ji hù (My plan for research on the Yunnan Lolo)," Yu-gong 1,4 .
L'Ecriture et les manuscrits lolos, Thèse, Université de Paris, Genève (Publications de la Bibliotheque Sino-Internationale 4).

Lolo divided into Ts'ouan white or west (Pei-Man) and black or east (Wou-man) in sixth century. The name "Lolo" first appears in the Yuan Annals. In the History of the T'ang dynasty, it is mentioned that the Wou-man,
including the Man Lou-lou, entered into marriage relations with the Nan-tchao. During the Three Kingdoms (221-264), General Tchou Ko-leang made one of his followers King of the Lo-tien (kingdom of the Lolo). Names by which the Lolo are referred to in Chinese documents and histories. Meanings of various names. Five legends regarding the origin of Lolo writing. The $\mathrm{P}^{\prime} \mathrm{i}-\mathrm{Mo}$ is a specialist in sacred written formulas, not to be confused with a magician with curative powers, Cho-Ngi-Ngi or Hsi-Ma (d'Ollone confuses these). The former is hereditary, while the magician is inspired. Nan-Tchao-Yé-Che mentions 1,100 characters in Ts'ouan-tseu. The oldest Lolo writing was found on two funerary stele at Kin-Tsingfou (405 A.D.) and Lou-Leang-Tcheou (458 A.D.). Other stele. Difficulties of translation due to, among other things, the secret nature of the books, which sorcerers recite without full understanding. Texts in Lolo, phonetic transcription, Chinese and French translations. D'Ollone's classification of manuscripts into 23 categories. "Hypothese sur les origins des Lolos," Zhōng-shān daxúe wén kè yán jíu sưo shi xué zhūan (Sun Yat-sen University, Arts Research Institute Special Publication) 1, 2.
"Remarques inédites sur la civilisation Lolo," Anthropos 31: 672-78.

Lolo first mentioned in Se-Ma Ts'ien's "Biographie des étrangers du sud-ouest." Yang claims to have three manuscripts even older than d'Ollone's, written by a

Lolo sorcerer in 1566-69. Lolo are not descended from the 'Ts'ouan." The stele of Tche-Tcheng (971), the most ancient Lolo inscription, does not mention the Ts'ouan.

1936c
"Sommaire de la gramnaire lolo,", Zhōng-shān da-xue wén kē yán jiu suoo yư yán wén xúe zhūan (Sun Yat-sen University, Arts Research Institute, Special Linguistics Publication) 1, 1.
Yang, Cang
1956 "A short sketch of the Ningland Yi autonomous xian," Yúnnán ri-bao, Oct. 5. (English translation: Survey of China Mainland Press 1438: 28-29.)

Yi number 75,000 of the xian's 110,000 inhabitants.
Yang, Gladys, translator
1955a "'Ashma,' The oldest Shani ballad," Chinese Literature 1: 181-85.

See 1955b, below.
1955b "Ashma (A Shani ballad)," Chinese Literature 3: 3-51. Shani are a Lolo people in Kueishan district, Lunan county, Yunnan. This narrative poem of 4,000 lines is about Ashma and her brother, Ahay. Ashma is kidnapped by a wicked rich man, and eventually she is changed into an echo. Previously published in Chinese in Southwest Literature and People's Literature. See Huang, Yang, and Liu, eds., 1954.
Yang, Han-kuang: see Wen, Yu, and Yang, Han-kuang.
Yang, Te-fan
1955 'Rehabilitation of the Nu Kiang Lisu nationality autonomous area," Gūang-míng rì-bào, May 31. (English
translation: Survey of China Mainland Press 1076:
15-16.)
Lisu (the English translation gives the ethnic group as Lolo, apparently an error) make up $75 \%$ of the 110,000 inhabitants of the Nukiang area, which includes four xian: Kungshan, Fuking, Pikiang, and Lushui. They grow maize, rice, wheat, buckwheat, kaoliang, millet, olives, potatoes, soya beans, broadbeans, cotton, varnish, bitter bark (huanglien), and China root, and they collect bear's gall and musk, and hides. Kanpeng village of Pikiang paid 11 different taxes in 1948, amounting to 3 picul of maize per household; in 1953, 8 of the 24 households paid no tax, and the others paid 5 or 6 sheng of grain. State aid. Early spring planting was begun in 1951, production work teams in 1953. Improvements in agriculture, marketing, medical and educational facilities, and transport have resulted in a higher standard of living. Song gives thanks to Chairman Mao and the Communist Party.
Yang, Zheng-shi (or Shr-dwo or Cheng-shr)
"The pearl of the frontier shines again," Gūang-ming rì-bà, May 12.

Lahu make up $42 \%$ of the 220,000 inhabitants west of Lan Tsang River in Yu Mai region of southern Lu Shan. "La-gu" means "hunt the tiger, divide and eat." One hundred years ago, Meng Lang Ba, capital of the autonomous county, flourished like a pearl, but under oppression the pearl lost its luster, and rebellions flared. In 1950, the People's Liberation Army found
only five families left. In 1953, a hospital was established, malaria controlled, and tea cultivation encouraged. Today, there are 10,000 inhabitants. "Reed pipe music filled the air of Meng Lang Ba," Mínzú Huabào (Nationalities Pictorial) 3: 18.

Lahu: Meng Lang Ba, capital of Lan Tsang Lahu autonomous zhou, had only ten households, and was known as an "area of pestilence." Now, it is a city of 10,000, with a hospital, stores, and factories. On market days, five local trading centers set up stalls where Lahu youths buy books and reed pipes. Photographs of paddies, high school students, and youths buying reed pipes.
Yang, zhī-yơng: see Húang, Tǐe, Yáng Zhī-yơng, and Líu Yi, eds. Yaoshan Commune Party Committee
"Socialism brings new life to minority peoples in Southwest China commune," New China News Agency, Peking, Oct. 27. (English translation: Survey of China Mainland Press 72-45: 74-77.) Excerpted from: "Chairman Mao shows us the way to happiness," Hóngqí (Red Flag) 10.

Yi are included in the commune, which is in Hokou Yao autonomous xian, Yunnan. $80 \%$ of the inbabitants are Yao, the rest include Yi, Miao, Chuang, and Han.
Yì, Fēi
1935 "Dían xī shén shān zhōng de luo-1ó pó (The Lolo within the mountainous regions of western Yunnan)," Shēng bào yùe-kān (Shin Pao Monthly) 4,10.

Yì $_{i}$, Méng-yì
n.d.
"Yún-nán lólo zú shǐ lue (A short history of the Yunnan Lo10)," Zhí bīan yue -kān (Shi Bian Monthly) 1,3 .
Yí, Miñg-dé
1933
"Dīan bian yě-rén shän jí èng-méi-kaī jīang mai-lì-kāi jīang líu yù rén zhōng (The peoples of the valleys of the Engmeikai and Mailikai rivers in Lisu Shan on the Yunnan border)," Dìi-lì xue-jí (Geographical Quarterly) 1,2.

Lisu women are fond of the Chinese character for "land" on their dresses; they also wear kerchiefs with flower designs.
You, Guo-en
1942
"Discussions on the torch festival," Xīinan bianjiang wen-tí yán-jiu bao-gao (Study-report on problems of the southwest border) (Hua-chung College) $\underline{1}$ : 2-9.

Lolo torch festival and its origin. In Chinese.
See Chao 1950.
You, Jing-yuan
n.d.

Wei-xi jian wen lu (Wei-hsi diary), n.p.
Lisu use almost all their grain to make wine.
Their clothes are made of black cotton or hemp; the men wear straw hair nets, and copper belts on their foreheads. Bear trap, monkey trap, tiger trap (using goat as bait). Hunting.
Young, Ching-chi: see Yang, Ch'êg-chih.
Young, E. C.
1907

[^0]Journal 30: 152-80.
Lissu (or Liso) sell herbs to the Chinese. Photos.

Young, Gordon: see Young, Oliver Gordon.
Young, Harold Mason
n.d.

To the mountain tops, A sojourn among the Lahu of Asia, Ms. (A copy is located in the Library of Congress.) 250 pp .

Lahu legend says that they came from Peking and Nanking to Central China, and by 1830 to the southwest. Mong Myen is said to have been taken by the Chinese when they tricked Lahu women into exchanging staghorn triggers of their bows for Jew's harps. Quarrel with Karen over sharing of meat spurred southern migration. God had given Lahu writing on a rice cake, but it was eaten; and had given them a sacred seal, but this was given to the Shans as a fine for touching a Shan girl. Lahu subgroups include Na , Shi, Na Mwe, Ku Lao, Kai Shin, and A Do A Ga. Distribution. Their villages are located above 3,000 feet, with a hill or ridge above the village, and a rising hill above that ('the pillow and the foot-rest" of the village, ensuring prosperity and security). The Kai Shin and many Na build their houses on the ground, but others build them on posts. A village usually has a chief (Kha Sheh), second chief (Hka Leh), and a caller (Pu Lan). Settling of disputes. Proverbs. Food. Temperament, morals, vices (opium, betel, clay eating), outlook on life and death. A Wa massacre of a Lahu village of 36 .

Dress. Names. Bride service lasts at least three years. Agriculture, livestock, blacksmiths, and silversmiths. Courting and marriage, love charms, translation of the "song of the Lahu love-meet" (pp. 96-123). Animism, theism. Shamans usually male. Lahu used to have temples (fu) with priests; three remain in Yunnan (Nam Wai, Hka Lang, Mong Hka). Now, each village has an altar in a hut in a spirit grove; offerings and prayers are made there during the full and end of each moon by the chief, any shaman or dreamer (Paw Hku). Famous religious leaders include A Sha of Mong Hka (died 1895) and Pu Kyan Long (a Wa who opposed the Chinese). Three of the latter's disciples met William Marcus Young in Kengtung in 1905, and were convinced that Christianity was what Pu Kyan had prophesied. He died shortly after learning of this. Songs of the bards show similarities with Christianity. Dreamers are mid-way between old-time religious leaders and today's witch-doctors. They are responsible for a diversity of sects; they build templelike bamboo structures, miniature sand pagodas, engage in gay dancing. Some teach that devotion alone will fill the granaries (thus causing poverty). Leather extractors (She Pa) extract leather and other foreign objects that evil spirits place in humans to cause disease. Man-gods are fanatics; story of the one on Awng Lawng mountain 1930-32. Driving out evil spirits and calling back spirits. Revenge. Funerals. Invocations. Where spirits dwell. Ghosts. Werewolves. Signs, omens,
auspicious days. Sickness, herb doctors. Holy days. Games. Folk stories: "The flying rocks," "The lost bride," "The dog and the pig," "The simpleton and the bear," "The frog child," "The ghost and the goiter," etc. (pp. 180-210). Hunting, fishing, traps, hunting stories (pp. 231-45). Changes include more contact with state administration and other ethnic groups, military service, missions, and schools. This may lead to a split between the educated Lahu, who will merge with non-Lahu, and others, who will remain Lahu.

Young was a missionary who spoke fluent Lahu. This manuscript has excellent information on religion, folklore and hunting, but in other areas suffers from an attempt to generalize for all Lahu.
Young, Harold Nelson
1962
Translation of leaflet symbols (Musers tribe), Bangkok, United States Operations Mission. 4 pp. Muser (Lahu) interpretations of symbols used in propaganda.
Young, Oliver Gordon
The hill tribes of nothern Thailand, Bangkok, United States Operations Mission. (Reprinted in 1962, 1969, and 1975 by the Siam Society.) 120 pp.

Akha, Lahu, Lisu cultural summaries. Young, the son of a missionary, grew up among the Lahu, about whom he is a recognized expert. His information on the Akha and Lisu suffers a bit because of this "Lahu bias." Among the errors in his survey of the Lisu: his population estimates are much too high; "maw-hpi" is Thai,
not Lisu; defense is no longer a consideration in choosing village sites nowadays (in fact, water supply makes most of them very vulnerable); the power of the headman varies greatly from village to village; the ritual center is not mentioned. Map, photos.

Review: Walker, 1975, Siam Society, Journal 58,2: 355-70.
'Thailand's Mussuh Daeng," Explorer's Journal 40, 2: 58-65.

Mussuh Daeng (Lahu Nyi) hunters are ranked according to performance of 10 kills (elephant, saladang, tiger, leopard, bear, wild boar, etc.). Religious leaders (Paw Khu) may promulgate doctrinal changes as a result of their dreams or imagination. Map, photos.
1965 "A light in the jungle," Sawaddi 3,4: 10-11, 26. Photos.

Young, Vincent, translater
n.d.

G'ui sha ve li hpu aw suh (New Testament in Lahu), Taipei, privately published (ca. 1955).
Yú, Dé-jùn: see Cháng Lúng-chìng, Shi Huāi-ren, and Yú Dé-jùn.
Yu, Ying-shih (Pinyin: You, Ying-shi)
1967 Trade and expansion in Han China, Berkeley and Los Angeles, University of California Press. 251 pp.

Southwest barbarians (pp. 111-17). Trade tied to tributary system.
Yúán, Jià-húa (or Chia-hua or Chih-hua)
"The A-si love songs and the A-si language," Frontier Politics (Nan-k'ai State University) 3: 5-6.

A-si are a people of Lu-nan district, Yunnan, perhaps the same as Liétard's Ahi Lolo. See 1953, below, and Guang 1954.
"Er-shan Wō-ní Yư Chu-tan (Preliminary investigation of the Woni language of Erh-shan)," Tientsin, Publication of the Frontier Peoples' Culture Department, Literary and Scientific Institute, Nan-k'ai State University, vol. 4.
1948

1953
"Wō-ní yù yìn xí (Woni pronunciation system)," Xué-yūan (Source of Knowledge) $\frac{1}{\prime}, \underline{12}$.
 yù-yén) (Ahsi folksongs and their language)," Yư-yán xúe chưan kān 5 (Peking, Chinese Scientific Institute, Linguistic Research Department Special Publication 5). 245 pp .

A-si Yi. See 1946, above, and Guang 1954.
Yule, Sir Henry
The book of Sir Marco Polo the Venetian concerning the kingdom and marvels of the East, 2 vols., London, John Murray. Additional notes by Henri Cordier. First ed. 1871, 2d ed. 1875, 3d ed. numerous reprints including 1926 and 1971 by AMS Press, New York.) 462 and 662 pp.

Lissu or Lisau are wild hill-robbers and great musk hunters (2: 60-64, 90). Lolo are equated with Polo's Coloman or Toloman; quotes from Richthofen, Baber, Hosie, Vial, Anderson, and Owen (2): 60-64,

69-70, 90, 123). Henri Cordier notes that we can only assume that the Coloman are mountain peoples of Yunnan. Sketches.

Review: Pelliot, 1904, Ecole française d'ExtrêmeOrient, Bulletin 4,3: 768-72. Disagrees with Yule's statement that Lo-lo is a late form of Ko-lo, since the former are mentioned in T'ang dynasty writings (cf. Pelliot 1904).
Yúnnán rì bào, Kunming
1956a "Over 40,000 minority nationals recruited into Chinese Communist Party membership in Yunnan province," Sep. 21.

Yi have 20,351 Party members ( $1.26 \%$ of their population), Hani 3,163 ( $0.7 \%$ ), Nasi 1,981 ( $1.4 \%$ ), Lisu and Lahu not listed.

1956b
'Ninglang Yi Autonomous xian established," Oct. 5. (English translation: Survey of China Mainland Press 1438: 27-28.)

Yi, Lisu, Nahsi, Mosuo, and eight other nationalities live in Ninglang xian.
Zaborowski-Moindron, Sigismond
"La Chine et les chinois," Société d'Anthropologie de Paris, Bulletins et Mémoires série 5, 1: 544-60.

Lolo have Caucasian element. Thorel of the Garnier mission claimed that there were Gypsies among Lolo. Leclère (in La Géographie (1900): 276) says Lolo are Mongols from Kou-Kou-Nor.
"Photographies de femmes Lolo, Miao-tsé et de natives de la ville de Yunnan, Collection de chaussures du
sud de la Chine," Société d'Anthropologie de Paris, Bulletins et Mémoires série 5, 2: 140-43.

Lolo resemble Tibetans. Photographs (by Beauvais).
"Le Yun-nân: sa population," Revue Universelle 66: 360-63.

Lolo is most ancient population of southwestern China. Some seem Chinese, others resemble peoples of Tibet-Assam-Burma, but none seem Mongol. "Notes sur les Lo-lo du Kien-tchang," Société d'Anthropologie de Paris, Bulletins et Mémoires série 5,4: 642-43.

Lolo photographs (by François). Extracts from Chinese works by Beauvais.
"Les Lolos et les populations du sud de la Chine d'apres les ouvrages chinois," Revue de l'Ecole d'Anthropologie de Paris 15, 3: 86-95.

Lolo have Caucasian element, but with Chinese intermixture. Beauvais' translation of "Atlas des tributaires de la dynastie imperiale actuelle."
Zēng, Zhāo-1ún (or Tseng, Chao-1un)
1947
Dà liáng shān yí góu kǎo chá jì (Tà líang shān í ch'ú k'áo ch' ${ }^{\text {a }}$ chī) (A travelogue of the Yi area of Ta Liang Shan), Chungking, zhóng Ching qíu zhēn chū băn shè (Chiu Ching Publication Company). (Second edition, 1948, Shanghai, Chin Chin Press.) 316 pp.

Yi seen in market in Lichiang, also drinking on streets. Ninglang has problems administering the Yi, and suppressing opium cultivation among them.

Estimates of Yi population range from 100,000 to 2 million in the Liang Shan area. Chinese expeditions into the area include the West China Science College expedition in 1934, a team from the Central Military Academy in Chengtu in 1935, an expedition of the Military Affairs Commission in 1936, the Szechwan-Sikang Scientific Research Group, including Ma Chang-shou, in 1939, a group from the Szechwan Education Department, including Hsú I-táng, in 1940, and the writer's Szechwan-Sikang Scientific Research Group of the Southwestern Amalgamated Universities in the summer of 1941. The Han call them Lo Yi, the Republican government has decreed that they should be called 'border people," but they call themselves Nosu. They claim that the gods gave birth to three humans: the eldest was Yi, the next Tibetan, and the youngest Han. The youngest was most loved, and he was given the plains, the next was given the hills, the Yi was left with the poor lands of the high mountains. The Yi of Yunnan have been sinicized to a great degree, where the division between Black and White Yi is not as strict. The Black Yi of Liang Shan call themselves "Shi po," and the White Yi call themselves "Wa tse." It is not true that the White Yi are former Han who were kidnapped and enslaved. The least sinicized $Y i$ are in the Ning and Da Liang Shan areas. This area is divided into branches, which in turn are subdivided. They identify themselves as members of such-and-such a clan.

Zhang, Cui (or Chang, Ts'ui)
1964
"Zài Nù shān Nù shǔi zhī jīan (Between the Nu Mountains and the Nu River)," Minzú Túánjié nos. 11-12: 22-25. Lisu: Review of economic and cultural progress among Salween Lisu since 1950.

Zhang, Guang-nian (or Chang, Kuang-nien)
A-xì di xǔan $\underline{j i ́}$ (A-hsi ti hsǐen chí) (A-hsi Lolo folk songs), n.p. 170 pp .
Zhāng, Lían-máo
1929
"Yúñ-nán zhāo tōng xian zhī yì bíe (A glimpse of chaotung county of Yunnan)," Zhōng-shān dà-xúe yư yán ì ì shǐ yán jiu sǔo zhōu-kān (Sun Yat-sen University, Language and History Research Institute, Weekly) 76. Lolo mentioned.
Zhang, Xu (or Chang, Hsu)
1958
"The Lisu of Nukiang leap over several centuries," Gūang-míng rìi-bào (Peking), Nov. 19.

Lisu: Changes since 1950 include increases in grain yields due to increased irrigation, use of manure, agricultural cooperatives, changes in old class and clan concepts, new factories, schools, and mines. Zhang was vice-secretary of the Communist Party Nukiang Frontier Working Committee.
Zhāo, Hūa-ēng
"Dían shěng xī nán de yí zú (The Yi tribes of southwestern Yunnan)," Zhōng-shān dà-xúe yǔ yán lì shí yán jìu sǔo zhōu-kān (Sun Yat-sen University Language and History Research Institute Weekly) 3, 35-36.

Zhōng-gúo Qīng-nían-bào (Chūng-kúo ch'īng-nien pào) (Peking)
1956a
"600 youths in Lantsang, Yunnan, Lahu nationality Autonomous Zhou admitted to Youth League," Zhōng-gúo Qīng-nian-bào (English translation: Survey of the China Mainland Press 1310: 17).

Lahu and Hani: A third of the youths were girls.
1956b "What are China's minorities?" Zhōng-gúo Qíng-nian-bào 4 Nov. (English translation: Survey of the China Mainland Press 1418: 6.)

1953 census figures.
zhōng-guo yín-háng diao chá zǔ, Chúng ching (Bank of China Investigation Group, Chungking)
1935 "Mǎ bian yí-rén diao chá (An investigation of the Yi people of the Ma border area)," Chūan bian ji-kān (Szechuan Border Quarterly) 1, $\underline{3}$.

See Wú 1935.
Zhöng-gúo zuo jia xie hui (Chūng-kúo tso chia hsieh hui)
Kün míng fen hui Yún-nán gò zú mín jian gu shi xuan (Anthology of the folklore of the diverse peoples of Yunnan), Peking.

Lisu stories: three, including one from Zui et al. 1959.
zhūang, xưe-běn (Chuang, Hsueh-pen)
Și-gāng yí-zú diao-chá bào-gào (Sikang ít tsu tìaoch'a pao-kao (Ethnological report on the Lolo of Sikang), n.p., Provincial Government of Sikang. "Ló-lo wén zì de yán jiu (A study of the written language of the Lolo)," Shūo-wén yùe (Shuowen Monthly) 32.

Zui, Lin, et al.
Li- sur yup y̌̌u-fà gāng-yao (Outline of Lis grammar), Peking, Academy of Sciences.

Lis dialect of Yunnan: phonology, morphology, and texts. Discribes a recently-devised native writing system.

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LAO-PA: YI of Indochina
LASAW: LISU
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LASI: LISU
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LISSO: LISU
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NUSU: LUTZU

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0-MA: AKHA subgroup
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[^0]:    "A journey from Yun-nan to Assam," Geographical

