

RECORDS OF HEMIPTERA AND HYME-  
NOPTERA FROM THE HIMALAYAS.

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A considerable number of Hymenoptera and Hemiptera were added to the Indian Museum collection during the year 1906, and a very large proportion of these were collected in localities situated on the Himalayas and at their base. I propose to give a list of those species which I have been able to identify, restricting myself to Himalayan and sub-Himalayan specimens. This will not be a complete, or anywhere near complete, list of all the species which have up to the present been recorded from these tracts, but merely some of those which were collected during the years 1905 and 1906 by four or five collectors.

I have not attempted to deal with the Non-aculeate forms, the Ants and the Chrysididæ among the Hymenoptera; nor with the Jassids and other inconspicuous families among the Homoptera, nor the aquatic families of the Heteroptera.

The importance of such a list is that the localities are quite definite and that at least the approximate altitude of each place is given. The date of capture is also of interest.

The principal localities from which the collections have been received are :—

- Mussoorie, 7,000 feet, May to August 1905.
  - Naini Tal, Kumaon, 6,400 feet, October 1906.
  - Bhim Tal, Kumaon, 4,500 feet, September 1906.
  - Chandragiri, Nepal, *circa* 8,000 feet, October 1906.
  - Nagarkote, Nepal, *circa* 6,000 feet, October 1906.
  - Thankote, Nepal, *circa* 5,000 feet, October 1906.
  - Pharping, Nepal, *circa* 5,000 feet, October 1906.
  - Katmandu, Nepal Valley, 4,500 feet, October 1906.
  - Soondrijal, Nepal Valley, October 1906.
  - Chitlong, Little Nepal Valley, October 1906.
  - Ghoom, 7,200 feet (Darjiling district), December 1906.
  - Darjiling, 7,000 feet, October 1905.
  - Sureil, 5,000 feet (Darjiling district), April 1905.
  - Pussumbing, 4,700 feet (Darjiling district), December 1906.
  - Tukvar, 4,500 feet (Darjiling district), October 1906.
  - Barnesbeg, 3,000 feet (Darjiling district), October 1906.
  - Kurseong, 5,000 feet (Darjiling district), May 1906.
  - Tindharia, 2,800 feet
  - Rungtong, 1,400 feet
  - Sookna, 540 feet
  - Gyabari, 350 feet
- } All on the railway }  
} between Siliguri } June 1906  
} and Darjiling. }

Siliguri, at the foot of the Eastern Himalayas, June 1906.

Tonglu, 9,000 feet, September 1906.

Phallut, 11,000 feet, ,, ,,

Kalipokri, 10,000 feet, ,, ,,

Sandakphu, 10,500 feet, October 1906. }

All on the border between  
British Sikhim and Nepal.

The nomenclature adopted is that of Col. C. T. Bingham, as regards the Hymenoptera, and Mr. W. L. Distant, as regards the Hemiptera, in the "Fauna of British India and Ceylon." Specimens of numerous obscure Himalayan species not recorded in this list have been sent to these gentlemen for identification.

#### HYMENOPTERA:

##### FAM. MUTILLIDÆ.

<i>Name.</i>	<i>Locality.</i>	<i>Collector.</i>
Mutilla emergenda, Magr.	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
,, decora, Smith	Chandragiri, Nepal (Oct. 1906)	R. A. Hodgart.
,, funeraria, Smith	Katmandu, Nepal	,,
,, antennata, Smith	Soondrijal, Nepal	,,
,, ,, ,,	Mussoorie (May to Aug. 1905).	E. Brunetti.
,, subanalis, Magr.	Nagarkote, Nepal (Oct. 1906)..	R. A. Hodgart.

##### FAM. SCOLIDÆ.

Tiphia incisa, Cam.	Darjiling (Oct. 1905)	E. Brunetti.
,, implicata, Cam.	Nagarkote Nepal (Oct. 1906)	R. A. Hodgart.
,, ,, ,,	Darjiling (Oct. 1905)	E. Brunetti.
,, compressa, Smith	,, ,,	,,
,, ,, ,,	Gowchar, Nepal (Oct. 1906)	R. A. Hodgart.
,, aureipennis, Bingham.	Darjiling (Oct. 1905)	E. Brunetti.
,, rufo-femorata, Smith	,, ,,	,,
Myzine dimidiata, Guér.	Siliguri (June 1906)	J. B. Richardson.
,, madraspatana, Smith.	,, ,,	,,
,, anthracina, Smith	Soondrijal, Nepal (Oct. 1906)	R. A. Hodgart.
,, fuscipennis, Smith	Chitlong, Nepal (Oct. 1906)	,,
Scolia quadripustulata, Fabr..	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
,, capitata, Guér.	,, ,,	,,
,, rubiginosa, Fabr.	Chitlong, Nepal (Oct. 1906)	R. A. Hodgart.
,, aureipennis, Lepel.	Bhim Tal (Sept. 1906)	N. Annandale.
,, cyanipennis, Fabr.	Katmandu, Nepal (Oct. 1906).	R. A. Hodgart.
Elis thoracica (Fabr.)	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
,, annulata (Fabr.)	,, ,, ,,	,,
,, hirsuta, Sauss.	,, ,, ,,	,,
,, fimbriata (Burm.)	,, ,, ,,	,,
,, asiatica, Sauss.	Katmandu, Nepal (Oct. 1906)..	R. A. Hodgart.
,, prismatica (Smith)	Darjiling (Oct. 1905)	E. Brunetti.

##### FAM. POMPILIDÆ.

Salius flavus (Fabr.)	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
,, sycophanta (Gribodo)	Katmandu, Nepal (Oct. 1906)	R. A. Hodgart.
,, fenestratus (Smith)	Nagarkote ,, ,,	,,

<i>Name.</i>	<i>Locality.</i>	<i>Collector.</i>
Pompilus pedestris, Smith	Siliguri, N. Bengal (June 1906)	J B. Richardson.
„ analis, Fabr.	„ „ „	„
„ maculipes, Smith	„ „ „	„
„ reflexus, Smith	„ „ „	„
„ „ „	Chitlong, Nepal (Oct. 1906)	R. A. Hodgart.
FAM. SPHEGIDÆ.		
Larra maura (Fabr.)	Siliguri, N. Bengal (June 1906)	J B. Richardson.
Notogonia subtessellata (Smith)	„ „ „	„
„ tristis (Smith)	„ „ „	„
Liris aurata (Fabr.)	„ „ „	„
Trypoxylon intrudens, Smith	Mussoorie (May to Aug. 1905)	E. Brunetti.
Ammophila atripes, Smith	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
„ „ „	Soondrijal, Nepal (Oct. 1906)	R. A. Hodgart.
„ punctata (Smith).	„ „ „	„
„ „ „	Nagarkote „ „	„
„ „ „	Chitlong „ „	„
„ „ „	Bhim Tal (Sept. 1906)	N. Annandale.
„ „ „	Mussoorie (May to Aug. 1905)	E. Brunetti.
Sceliphron violaceum (Fabr.) .	Siliguri (June 1906)	J B. Richardson.
„ „ „	Tindharia „	„
„ „ „	Nagarkote, Nepal (Oct. 1906)	R. A. Hodgart.
„ madraspatanum (Fabr.)	Katmandu, Nepal (Oct. 1906)	„
„ „ „	Siliguri (June 1906)	J. B. Richardson.
„ formosum (Smith)	Mussoorie (May to Aug. 1905)	E. Brunetti.
Sphex luteipennis, Mocs.	Katmandu, Nepal (Oct. 1906)	R. A. Hodgart.
„ nigripes, Smith	Soondrijal, „ „	„
Psen orientalis, Cam.	Mussoorie (May to Aug. 1905)	E. Brunetti.
„ „ „	N. of Tonglu, 9,000' (Oct. 1906)	I. H. Burkill.
Pemphredon fuscipennis, Cam.	Mussoorie (May to Aug. 1905).	E. Brunetti.
Stizus vespiformis (Fabr.)	Siliguri, N. Bengal (June 1906)	J B. Richardson.
„ prismaticus (Smith)	„ „ „	„
Cerceris instabilis, Smith	Soondrijal, Nepal (Oct. 1906)	R. A. Hodgart.
Oxybelus canescens, Cam.	Siliguri, N. Bengal (June 1906)	J B. Richardson.
Crabro buddha, Cam.	„ „ „	„
FAM. EUMENIDÆ.		
Eumenes conica, Fabr.	Siliguri, N. Bengal (June 1906)	J B. Richardson.
„ esuriens, Fabr.	„ „ „	„
„ petiolata, Fabr.	„ „ „	„
„ affinissima, Sauss.	Mussoorie (May to Aug. 1905)	E. Brunetti.
Rhynchium brunneum (Fabr.)	„ „ „	„
„ „ „	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
„ læorrhoidale (Fabr.)	Tindharia „ „	„
„ argentatum (Fabr.)	Siliguri, N. Bengal „	„
„ „ „	Katmandu, Nepal (Oct. 1906)	R. A. Hodgart.
„ flavomarginatum, Smith	Siliguri, N. Bengal (June 1906)	J B. Richardson.
„ metallicum, Sauss.	„ „ „	„
Odynerus ceylonicus, Sauss.	„ „ „	„
„ punctum (Fabr.)	„ „ „	„
„ sichelii, Sauss.	„ „ „	„
„ sikhimensis, Bingh.	Soondrijal, Nepal (Oct. 1906)	R. A. Hodgart.

## FAM. VESPIDÆ.

<i>Name.</i>	<i>Locality.</i>	<i>Collector.</i>
<i>Polybia orientalis</i> , Sauss.	Tindharia (June 1906)	J. B. Richardson.
" " "	Bhim Tal (Sept. 1906)	N. Annandale.
" " "	Chitlong, Nepal (Oct. 1906)	R. A. Hodgart.
" " "	Soondrijal " "	" "
<i>Icaria ferruginea</i> (Fabr.)	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
" <i>marginata</i> (Lepel.)	Tindharia (June 1906)	" "
" <i>variegata</i> (Smith)	Siliguri, N. Bengal (June 1906)	" "
<i>Polistes schach</i> (Fabr.)	Bhim Tal (Sept. 1906)	N. Annandale
" " "	Katmandu, Nepal (Oct. 1906)	R. A. Hodgart.
" <i>sagittarius</i> , Sauss.	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
" <i>stigma</i> (Fabr.)	" " "	" "
" <i>maculipennis</i> , Sauss..	Katmandu, Nepal (Oct. 1906)	R. A. Hodgart.
" " "	Soondrijal " "	" "
" " "	Mussoorie (May to Aug. 1905)	E. Brunetti.
" <i>adustus</i> , Bingh.	Kurseong (May 1906)	N. Annandale.
" " "	Soondrijal, Nepal (Oct. 1906)	R. A. Hodgart.
" <i>hebræus</i> (Fabr.)	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
<i>Vespa magnifica</i> , Smith	Bhim Tal (Sept. 1906)	N. Annandale.
" " "	Nagarkote, Nepal (Oct. 1906)	R. A. Hodgart.
" <i>cincta</i> , Fabr.	Katmandu, Nepal " "	" "
" " "	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
" <i>basalis</i> , Smith	Soondrijal, Nepal (Oct. 1906)	R. A. Hodgart.
" <i>flaviceps</i> , Smith	" " "	" "
" " "	Mussoorie (May to Aug. 1905).	E. Brunetti.
" <i>auraria</i> , Smith	" " "	" "
" " "	Chitlong, Nepal (Oct. 1906)	R. A. Hodgart.
" " "	Soondrijal, Nepal " "	" "

## FAM. APIDÆ.

<i>Halictus lucidusculus</i> , Vachal	Bhim Tal (Sept. 1906)	N. Annandale.
<i>Andrena mephistophelica</i> , Cam.	" " "	" "
<i>Nomia curvipes</i> , Fabr.	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
" <i>thoracica</i> , Smith	Soondrijal, Nepal (Oct. 1906)	R. A. Hodgart.
" <i>aurifrons</i> , Smith	Katmandu " "	" "
" " "	Nagarkote " "	" "
" <i>terminata</i> , Smith	Sureil (April 1905)	A. Alcock.
<i>Steganomus nodicornis</i> , Smith	Mussoorie (May to Aug. 1903)	E. Brunetti.
<i>Megachile conjuncta</i> , Smith	Katmandu, Nepal (Oct. 1906)	R. A. Hodgart.
" <i>disjuncta</i> (Fabr.)	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
" <i>monticola</i> , Smith	Gowchar, Nepal (Oct. 1906)	R. A. Hodgart.
<i>Ceratina sexmaculata</i> , Smith	Mussoorie (May to Aug. 1905).	E. Brunetti.
<i>Crocisa emarginata</i> , Lepel.	Soondrijal, Nepal (Oct. 1906)	R. A. Hodgart.
<i>Anthophora cingulata</i> (Fabr.)	Katmandu, Nepal " "	" "
" " "	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
" <i>zonata</i> (Linn.)	" " "	" "
" " "	Mussoorie (May to Aug. 1905).	E. Brunetti.
<i>Xylocopa latipes</i> (Drury)	Tindharia (June 1906)	J. B. Richardson.
" <i>tenuiscapa</i> , Westw..	" " "	" "
" <i>acutipennis</i> , Smith	Katmandu, Nepal (Oct. 1906).	R. A. Hodgart.
" <i>fenestrata</i> (Fabr.)	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
" <i>iridipennis</i> , Lepel.	" " "	" "
" <i>æstuans</i> (Linn.)	" " "	" "

<i>Name.</i>	<i>Locality.</i>	<i>Collector.</i>
<i>Xylocopa dissimilis</i> , Lepel.	Nagarkote, Nepal (Oct. 1906)	R. A. Hodgart.
<i>Bombus trifasciatus</i> , Smith	Phallut, 11,000' (Sept. 1906)	I. H. Burkill.
„ <i>tunicatus</i> , Smith	Mussoorie (May. to Aug. 1905)	E. Brunetti.
„ <i>eximius</i> , Smith	Sureil (April 1905)	A. Alcock.
„ <i>flavescens</i> , Smith	Katmandu, Nepal (Oct. 1906).	R. A. Hodgart.
„ „ „	Soondrijal „ „	„
„ <i>funerarius</i> , Smith	Kalipokri, 10,000' (Sept. 1906)	I. H. Burkill.
„ „ „	N. side of Tonglu, 8,000— 10,000' (Sept. 1906)	„
„ <i>vallestris</i> , Smith	Sandakphu, 10,500' (Oct. 1906)	„
„ <i>hæmorrhoidalis</i> , Smith	Bhim Tal (Sept. 1906)	N. Annandale.
„ „	Naini Tal (Oct. 1906)	„
„ „	Mussoorie (May to Aug. 1905)	E. Brunetti.
„ <i>orientalis</i> , Smith	Tindharia (June 1906)	J. B. Richardson.
„ „ „	Chandragiri, Nepal (Oct. 1906)	R. A. Hodgart.
„ „ „	Katmandu „ „	„
„ „ „	Chitlong „ „	„
„ „ „	Soondrijal „ „	„
<i>Apis dorsata</i> , Fabr.	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
„ „ „	Mussoorie (May to Aug. 1905).	E. Brunetti.
„ <i>indica</i> , Fabr.	Tindharia (June 1906)	J. B. Richardson.
„ „ „	Chitlong, Nepal (Oct. 1906)	R. A. Hodgart.
„ „ „	Pharping, Nepal „	„
„ „ „	Nagarkote, Nepal „	„
„ „ „	Katmandu, Nepal „	„
„ „ „	Naini Tal (Oct. 1906)	N. Annandale.
„ „ „	Bhim Tal (Sept. 1906)	„
„ „ „	Mussoorie (May to Aug. 1905).	E. Brunetti.

## HEMIPTERA.

## FAM. PENTATOMIDÆ.

<i>Coptosoma</i> W. var. <i>a.</i> Montand.	Tindharia (June 1906)	J. B. Richardson.
„ <i>nepalense</i> , Westw.	Pussumbing (Dec. 1906)	H. H. Mann.
„ <i>naziræ</i> , Atk.	„ „	„
<i>Cantao ocellatus</i> (Thunb.)	Tukvar (Oct. 1906)	„
<i>Pæcilocoris druræi</i> (Linn.)	Katmandu, Nepal (Oct. 1906).	R. A. Hodgart.
„ <i>purpurascens</i> (Westw.)	Chitlong, Nepal „	„
„ <i>interruptus</i> (Westw.)	Soondrijal „ „	„
„ <i>rufigenis</i> Dall.	Nagarkote „ „	„
<i>Chrysocoris grandis</i> (Thunb.)	Kurseong (May 1906)	N. Annandale.
„ <i>fascialis</i> (White)	Bhim Tal (Sept. 1906)	„
<i>Lamprocoris royllii</i> (Westw.)	Kurseong (May 1906)	„
„ „ „	Bhim Tal (Sept. 1906)	„
„ <i>spiniger</i> (Dall.)	Kurseong (May 1906)	„
<i>Stibaropus minor</i> , Walk.	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
<i>Dalpada affinis</i> , Dall.	Bhim Tal (Sept. 1906)	N. Annandale.
„ „ „	Katmandu (Oct. 1906)	R. A. Hodgart.
„ „ „	Pussumbing (Dec. 1906)	H. H. Mann.
„ „ „	Mussoorie (May to Aug. 1905).	E. Brunetti.
„ <i>versicolor</i> (Herr.-Schæff.)	Nagarkote, Nepal (Oct. 1906)	R. A. Hodgart.
<i>Erthesina fullo</i> (Thunb.)	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
<i>Halys dentatus</i> (Fabr.)	„ „ „	„

<i>Name.</i>	<i>Locality.</i>	<i>Collector.</i>
<i>Asyla feæ</i> , Dist.	Near Ghoom (Dec. 1906)	H. H. Mann.
<i>Sciocoris indicus</i> , Dall.	Mussoorie (May to Aug. 1905).	E. Brunetti.
<i>Æliomorpha lineaticollis</i> (Westw.)	Sookna (June 1906)	J. B. Richardson.
<i>Palomena viridissima</i> (Poda).	Mussoorie (May to Aug. 1905).	E. Brunetti.
<i>Eusarcocoris guttiger</i> (Thunb.)	Sookna (June 1906)	J. B. Richardson.
<i>Carbula indica</i> (Westw.)	Kurseong (May 1906)	N. Annandale
" " "	Mussoorie (May to Aug. 1905).	E. Brunetti.
<i>Hoplistodera virescens</i> , Dall.	Pussumbing (Dec. 1906)	H. H. Mann.
<i>Plautia fimbriata</i> (Fabr.)	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
<i>Agonoscelis nubila</i> (Fabr.)	Rungtong (June 1906)	" "
<i>Tropicoris punctipes</i> , Stål.	Nagarkote, Nepal (Oct. 1906)	R. A. Hodgart.
<i>Priassus exemptus</i> (Walk.)	Mussoorie (May to Aug. 1905).	E. Brunetti.
<i>Canthecona furcellata</i> (Wolff).	Bhim Tal (Sept. 1906)	N. Annandale.
" " "	Chowbal, Nepal (Oct. 1906)	R. Hodgart.
<i>Zicrona cærulea</i> (Linn.)	Mussoorie (May to Aug. 1905)	E. Brunetti.
<i>Eusthenes eurytus</i> , Dist.	Gyabari (June 1906)	J. B. Richardson.
<i>Aspongopus obscurus</i> (Fabr.)	Sookna (June 1906)	" "
<i>Megymenum severini</i> , Bergr.	Kurseong (May 1906)	N. Annandale.
<i>Urolabida histrionica</i> (Westw.)	Bhim Tal (Sept. 1906)	" "
" " "	Mussoorie (May to Aug. 1905)	E. Brunetti.
" tenera, Westw.	Kurseong (May 1906)	N. Annandale.
" uniloba, Stål.	" "	" "
<i>Urostylis gracilis</i> , Dall.	" "	" "
" " "	Pussumbing (Dec. 1906)	H. H. Mann.
<i>Urochela bimaculata</i> , Dall.	Naini Tal (Oct. 1906)	N. Annandale.
" ferruginea, Dist.	Katmandu, Nepal (Oct. 1906).	R. A. Hodgart.

## FAM. COREIDÆ.

<i>Elasmomia granulipes</i> (Westw.)	Kurseong (May 1906)	N. Annandale.
" " "	Rungtong (June 1906)	J. B. Richardson.
<i>Ochrochira albiditarsis</i> (Westw.)	Bhim Tal (Sept. 1906)	N. Annandale.
<i>Homœocerus albiguttulus</i> , Stål.	Soondrijal, Nepal (Oct. 1906)	R. A. Hodgart.
<i>Notobitus meleagris</i> (Fabr.)	Kurseong (May 1906)	N. Annandale.
" marginalis (Westw.)	Pussumbing (Dec. 1906)	H. H. Mann.
<i>Physomerus grossipes</i> (Fabr.)	Kurseong (May 1906)	N. Annandale.
<i>Acanthocoris scabrator</i> (Fabr.)	Bhim Tal (Sept. 1906)	" "
" " "	Katmandu, Nepal (Oct. 1906).	R. A. Hodgart.
<i>Cletus punctulatus</i> (Westw.)	Chitlong, Nepal	" "
" " "	Kurseong (Sept. 1906)	N. Annandale.
" " "	Mussoorie (May to Aug. 1905).	E. Brunetti.
" " "	Pussumbing (Dec. 1906)	H. H. Mann.
<i>Leptocoris varicornis</i> (Fabr.)	" "	" "
" acuta (Thunb.)	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
" " "	Katmandu, Nepal (Oct. 1906).	R. A. Hodgart.
<i>Riptortus fuscus</i> (Fabr.)	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
<i>Serinetha augur</i> (Fabr.)	Naini Tal (Oct. 1906)	N. Annandale.

## FAM. LYGÆIDÆ.

<i>Lygæus militaris</i> (Fabr.)	Bhim Tal (Sept. 1906)	N. Annandale.
<i>Graptostethus servus</i> (Fabr.)	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
" dixonii, Dist.	Chitlong, Nepal (Oct. 1906)	R. A. Hodgart.

<i>Name.</i>	<i>Locality.</i>	<i>Collector.</i>
<i>Cænocoris marginatus</i> (Thunb.)	Mussoorie (May to Aug. 1905).	E. Brunetti.
<i>Nysius ceylanicus</i> (Motsch.)	Kurseong (May 1906)	N. Annandale.
<i>Malcus scutellatus</i> , Dist.	Bhim Tal (Sept. 1904)	"
<i>Pamera pallicornis</i> (Dall.)	Pussumbing (Dec. 1906)	H. H. Mann.
<i>Peritrechus æruginosus</i> , Dist.	Katmandu (July 1906)	J. Manners-Smith.
<i>Dieuches leucoceras</i> (Walk.)	Pussumbing (Dec. 1906)	H. H. Mann.
,, <i>femorialis</i> , Dohrn.	Kurseong (May 1906)	N. Annandale.

## FAM. PYRRHOCORIDÆ.

<i>Lohita grandis</i> (Gray)	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
<i>Physopelta gutta</i> (Burm.)	Katmandu (Oct. 1906)	R. A. Hodgart.
,, <i>schlanbuschi</i> (Fabr.)	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
<i>Pyrrhopleplus pictus</i> , Dist.	Kurseong (May 1906)	N. Annandale.
,, " "	Pussumbing (Dec. 1906)	H. H. Mann.
<i>Dysdercus cingulatus</i> (Fabr.)	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
,, <i>evanescens</i> , Dist.	Bhim Tal (Sept. 1906)	N. Annandale.
,, " "	Chitlong, Nepal (Oct. 1906)	R. A. Hodgart.

## FAM. REDUVIIDÆ.

<i>Pygolampis unicolor</i> , Walk.	Kurseong (May 1906)	N. Annandale.
<i>Harpactor marginellus</i> (Fabr.)	Siliguri, N. Bengal (June 1906)	J. B. Richardson.
,, " "	Mussoorie (May to Aug. 1906)	E. Brunetti.
<i>Sphedanolestes pubinotum</i> , Reut.	Kurseong (May 1906)	N. Annandale.
,, <i>indicus</i> , Reut.	Sureil (April 1905)	A. Alcock.
<i>Epidaus atrispinus</i> , Dist.	Kurseong (May 1906)	N. Annandale.

## FAM. CAPSIDÆ.

<i>Helopetlis theivora</i> , Waterh.	Tukvar (Oct. 1906)	H. H. Mann.
<i>Gismunda chelonia</i> , Dist.	Kurseong (May 1906)	N. Annandale.
<i>Deræocoris patulus</i> (Walk.)	,, "	"

## FAM. CICADIDÆ.

<i>Pycna repanda</i> (Linn.)	Gowchar, Nepal (Oct. 1906)	R. A. Hodgart.
<i>Tosena mearesiana</i> (Westw.)	Tindharia (June 1906)	J. B. Richardson.
<i>Cryptotympana intermedia</i> (Sign.)	Kumaon, probably Bhim Tal (Sept. 1905)	L. L. Fermor.
<i>Cryptotympana acuta</i> (Sign.)	Bhim Tal (Sept. 1906)	N. Annandale.
<i>Platylomia saturata</i> (Walk.)	Naini Tal (Oct. 1906)	"
<i>Mata kama</i> , Dist.	Nagarkote, Nepal (Oct. 1906).	R. A. Hodgart.
<i>Gæana sulphurea</i> (Hope)	Sureil (April 1905)	A. Alcock.
,, <i>festiva</i> (Fabr.)	,, "	"
<i>Scieroptera splendidula</i> (Fabr.)	Rungtong (June 1906)	J. B. Richardson.

## FAM. FULGORIDÆ.

<i>Fulgora spinolæ</i> , West.	Kurseong (May 1906)	N. Annandale.
,, <i>clavata</i> , Westw.	Tukvar (Oct. 1906).	H. H. Mann.
<i>Lycorma delicatula</i> (White)	Kalimpong, Darjiling (Nov. 06)	"
<i>Euphria aurantia</i> (Hope)	Tukvar (Oct. 1906)	"
<i>Purohita arundinacea</i> , Dist.	Barnesbeg "	"

The following species do not appear to have been previously recorded from the Himalayas :—

## HYMENOPTERA.

<i>Mutilla emergenda</i> , Magr.	recorded only from	Upper Burma.
<i>Mutilla decora</i> , Smith	„ „	Penang, Bhamo, Upper Burma, Rangoon Distr., Lower Burma.
„ <i>subanalis</i> , Magr.	„ „	Upper Burma.
<i>Myzine madraspatana</i> , Smith	„ „	S. India.
<i>Scolia cyanipennis</i> , Fabr.	„ „	Ceylon and Java.
<i>Salius sycophanta</i> (Gribodo)	„ „	S. India, Ceylon (?), Burma, Tenasserim.
<i>Notogonia tristis</i> (Smith)	„ „	Tenasserim to the Malay Region and Borneo.
<i>Polybia orientalis</i> , Sauss.	„ „	Pegu Hills, Tenasserim, China.
<i>Halictus lucidusculus</i> , Vachal	„ „	Karen Hills, Burma.
<i>Ceratina sexmaculata</i> , Smith	„ „	Hong Kong, Upper Burma, Tenasserim and Eastern Siamese Malay States.

## HEMIPTERA.

<i>Asyla feæ</i> , Dist.	recorded only from	Burma ; Kakhyen, Kauri.
<i>Priassus exemptus</i> (Walk.)	„ „	Naga Hills, Tenasserim, Mt. Mooleyit.
<i>Notobitus meleagris</i> (Fabr.)	„ „	Nilgiri Hills, E. Siamese Malay States, China and several islands in the Malay Archi- pelago.
<i>Serinetha augur</i> (Fabr.)	„ „	Calcutta, Bombay, Madras, Cey- lon, Assam, Upper Tenasse- rim, West Yunnan, the Malay Peninsula and Hainan.
<i>Graptostethus dixoni</i> , Dist.	„ „	Bombay ; Khandela.
<i>Cryptotympana acuta</i> , Sign.	„ „	Bhutan Duars, Java, Borneo, Lombok, Philippines, Timor.
<i>Lycorma delicatula</i> (White)	„ „	Assam, Sibsagar (?); China.

