

SUMMARY

The present paper deals with 24 species comprising 17 genera from Assam, Meghalaya and Arunachal Pradesh. For various species new locality records are provided.

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THE LEECH FAUNA OF THE JAMMU REGION
OF JAMMU AND KASHMIR STATE, INDIA

By

MAHESH CHANDRA

*High Altitude Zoology Field Station,
Zoological Survey of India,
SOLAN (H. P.).*

INTRODUCTION

Although Harding and Moore (1927), Bhatia (1934, 1939) and Soota (1955) have described a few species of leeches from the Kashmir Valley so far, there is no published account on the leech fauna of the Jammu region. The present communication deals with 22 species of leeches belonging to 14 genera and 4 families. All the 22 species are being recorded for the first time from the area. The species *Batracobdella lobata* and *Erpobdella octoculata*, till now recorded only from the Kashmir Valley, the other side of the Pir Panchal range of the great Himalayas, are now recorded from the Poonch and Doda districts which are of zoogeographic importance. A key to the identification of the leech species of the Jammu region is also given herein.

The material of leeches was collected from various localities in the Jammu region of Jammu and Kashmir state (Districts : Kathua, Jammu, Rajouri, Poonch, Udhampur and Doda) by six parties from the High Altitude Zoology Field Station, Solan, during 1977-1980. The specimens were mostly collected by the author and by Dr. H. Khajuria, Dr. Raj Tilak, Dr. G. M. Yazdani and Mr. Rathin Mukherjee. The habitat of the leeches is more or less the same as described by Harding and Moore (1927) in the Fauna of British India—*Hirudinea*.

KEY TO THE IDENTIFICATION OF LEECHES OF THE JAMMU REGION

KEY TO THE SPECIES OF THE FAMILY GLOSSIPHONIDAE

1.	Mouth opening subterminal in the anterior sucker	...	...	2
	Mouth opening at the centre of the anterior sucker	...	...	6
2.	Eyes one pair	...	...	3
	Eyes three pairs	...	...	5

3.	Male gonopore between annuli 25 and 26	...	<i>Placobdella indica</i>
	Male gonopore posterior to annulus 26	...	...
4.	Male gonopore between annuli 26 and 27	...	<i>Placobdella fulva</i>
	Male gonopore between annuli 27 and 28	...	<i>Placobdella undulata</i>
5.	Eyes on annuli 3, 4 and 7	...	<i>Paraclepsis praedatrix</i>
	Eyes on annuli 2, 3 and 5.	...	<i>Paraclepsis vulnifera</i>
6.	Eyes one pair	...	...
	Eyes more than one pair	...	...
7.	Eyes on annuli 3, dorsal scute between annuli 12 and 13.	...	<i>Helobdella stagnalis</i>
	Eyes on annuli 4, dorsal scute lacking	...	<i>Helobdella nociva</i>
8.	Crop with 6 or 7 pairs of lateral diverticula	...	...
	Crop with 9 or more pairs of lateral diverticula	...	...
9.	Crop with 6 pairs of lateral diverticula	...	<i>Glossiphonia weberi weberi</i>
	Crop with 7 pairs of lateral diverticula	...	...
10.	Eyes three pairs	...	<i>Batracobdella hardingi</i>
	Eyes two pairs	...	...
11.	First pair of eyes between annuli 2 and 3	..	<i>Batracobdella lobata</i>
	First pair of eyes on annuli 4.	...	<i>Batracobdella reticulata</i>
12.	Eyes three pairs	...	<i>Hemiclepsis bhatiae</i>
	Eyes two pairs	...	<i>Hemiclepsis marginata marginata</i>

KEY TO THE SPECIES OF THE FAMILY ERPOBDELLIDAE.

1.	Accessory post-cephalic eyes present	...	...	2
	Accessory post-cephalic eyes absent	...	...	3
2.	First pair of eyes on annulus 3	...	<i>Herpobdelloidea lateroculata</i>	
	First pair of eyes on annulus 4	...	<i>Nematobdella indica</i>	
3.	Eyes four pairs	...	<i>Erpoddella octoculata</i>	
	Eyes three pairs	...	<i>Barbronia weberi</i>	

KEY TO THE SPECIES OF THE FAMILY HIRUDIDAE

1.	Median ventral fissure on lip present	...	...	2
	Median ventral fissure on lip absent	...	<i>Hirudo birmanica</i>	
2.	Vaginal stalk well developed	...	<i>Poecilobdella granulosa</i>	
	Vaginal stalk absent,	...	<i>Poecilobdella javanica</i>	

SYSTEMATIC ACCOUNT

Phylum : ANNELIDA
 Class : HIRUDINEA
 Order : RHYCHOBDELLAE
 Family : GLOSSIPHONIDAE

1. **Batracobdella hardingi Baugh**

1960. *Batracobdella hardingi* Baugh, Parasitology, 50 : 287-301.

1983. *Batracobdella hardingi*, Chandra, Rec. Zool. Surv. India, 80 : 265-290.

Material : 3 ex., Parel Vill., Samba, Dist. Jammu, 30.ix.78. 28 ex., near P. W. D. rest house, Samba, Dist. Jammu, 28.ix.78. 6 ex., Daskal, Akhnoor, Dist. Jammu, 12.x.78. 3 ex., Pond near Mansar, Dist. Jammu, 7.x.78.

Distribution : India : Bihar.

2. **Batracobdella lobata (Bhatia)**

1934. *Glossiphonia lobata* Bhatia, Ann. Parasit. hum. Comp., 12 : 121-129.

1983. *Batracobdella lobata*, Chandra, Rec. zool. Surv. India, 80 : 265-290.

Material : 4 ex., 2 km East of Poonch, Dist. Poonch. 18.x.80.

Distribution : India : Kashmir.

Remarks : Previously it was recorded only from the Kashmir Valley

3. **Batracobdella reticulata (Kaburaki)**

1921. *Glossiphonia reticulata* Kaburaki, Rec. Indian Mus., 22 (5) : 689.

1927. *Glossiphonia reticulata*, Harding, Fauna Brit. India., Hirudinea : 65.

1983. *Batracobdella reticulata*, Chandra, Rec. zool. Surv. India, 80 : 265-290.

Material : 12 ex., Raiyan, Hira Nagar, Distt. Kathua, 23.xii.77. 2 ex., Mandera, Samba, Distt. Jammu, 29.ix.78. 6 ex., 2 km. on Udhampur road, Katra, Distt. Udhampur, 23.x.78.

Distribution : India : Punjab, Himachal Pradesh and Maharashtra.

4. **Glossiphonia weberi weberi Blanchard**

1897. *Glossiphonia weberi* Blanchard, Zool. Ergeb. einer Reise in Niederländische Ost-India, MaxWeber, 4 : 332.

1927. *Glossiphonia weberi* Harding, Fauna Brit. India, Hirudinea : 62-65.

1983. *Glossiphonia weberi weberi*, Chandra, Rec. Zool. Surv. India, 80 : 265-290.

Material : 2 ex., Rajpura, S. W. of Kathua, 24.xii.77. 1 ex., Sungla Vill., ca. 4 km. east of Akhnoor, Distt. Jammu, 17.x.78. 115 ex., Budwari Vill., Samba, Distt. Jammu, 1.x.78. 12 ex., Pond near P. W. D.

rest house, Samba, Distt. Jammu, 28.ix.78. 25 ex., Mandera Vill. tank, Samba, Distt. Jammu, 29.ix.78., 4 ex., Pond near Mansar, Samba, Distt. Jammu, 7.x.78. 6 ex., 2 km. E. of Poonch, 18.ix.80., 2 ex., Qazi Mohra, Distt. Poonch, 22.ix.80. 10 ex., 3 km along Srinagar road, Udhampur, 2.x.80. 4 ex., 3 km west of Mendhar, Distt. Poonch, 25.ix.80. 1 ex., 2 km E. of Mendhar, Distt. Poonch, 27.ix.80. 2 ex., 4 km. west of Udhampur, 3.x.80. 30 ex., water ditch near Katra Town, Distt. Udhampur, 22.x.78. 26 ex., on Katra-Udhampur road, Katra, Distt. Udhampur, 23.x.78. 4 ex., Kota Vill. Mendhar, Distt. Poonch, 29.ix.80. 5 ex., Sangram Bata, Kishtwar, Distt. Doda, 10.x.80.

Distribution : India : Kashmir, Himachal Pradesh, Uttar Pradesh, Rajasthan, Karnataka, Madhya Pradesh, Bihar, West Bengal, Meghalaya, Manipur and Orissa.

Outside India : Pakistan, Nepal, Burma and Sumatra.

5. *Helobdella nociva* Harding

- 1924. *Helobdella nociva* Hardiug, Ann. Mag. nat. Hist., Ser. 9, 14 : 489.
- 1927. *Helobdella nociva* Harding, Fauna Brit. India, Hirudinea : 70-72.
- 1983. *Helobdella nociva*, Chandra, Rec. zool. Surv. India, 80 : 265-290.

Material : 4 ex., Qazi Mohora, Poonch, Distt. Poonch, 22.ix.80. 9 ex., 3 km along Srinagar road, Udhampur, 2.x.80. 1 ex., accross river Poonch, Poonch, 21.ix.80.

Distribution : India : Himachal Pradesh, West Bengal and Orissa.

6. *Hellobdella stagnalis* (Linn.)

- 1758. *Hirudo stagnalis* Linnaeus, Systema Naturae, 10th Ed.
- 1927. *Hellobdella stagnalis*, Harding, Fauna Brit. India, Hirudinea : 68-70.
- 1983. *Helobdella stagnalis*, Chandra, Rec. zool. Surv. India, 80 : 265-290.

Material : 3 ex., 2 km East of Poonch. Distt. Poonch, 18.ix.80. 1 ex., 4 km West of Udhampur, Distt. Udhampur, 3.x.80. 26 ex., Katra Town, Distt. Udhampur, 29.x.78. 10 ex., 2 km on Udhampur road, Katra Town, Distt. Udhampur, 23.x.80.

Distribution : India : Kashmir and Himachal Pradesh.

Outside India : Canada, U. S. A. and Paraguay.

7. *Hemiclepsis bhatiae* Baugh

- 1960. *Hemiclepsis bhatiae* Baugh, Parasitology, 50 : 287-301.
- 1983. *Hemiclepsis bhatiae*, Chandra, Rec. zool. Surv. India, 80 : 265-290.

Material : 13 ex., Stn. No. 8, Kathua, Distt. Kathua, 20.xii.77. 17 ex., Gara Satura, Hiranagar, Distt. Kathua, 29.xii.77. 3 ex., Logate, Kathua,

Distt. Kathua, 19.xii.77. 2 ex., Chann Khetri, Hiranagar, Distt. Kathua, 27.xii.77. 10 ex., Koota, Hiranagar, Distt. Kathua, 22.xii.77. 5 ex., Daskal, Akhnoor, Distt. Jammu, 12.x.78.

Distribution : India : Bihar.

8. *Hemiclepsis marginata marginata* (Muller)

1778. *Hirudo marginata* Muller, *Vermium terrestrium et fluviatileum* 1, pars 2.4° Havnie et Lipsie, 1773-1774.

1927. *Hemiclepsis marginata marginata*, Harding *Fauna Brit. India*, Hirudinea : 83-86.

1983. *H. marginata marginata*, Chandra, *Rec. zool. Surv. India*, 80 : 265-290.

Material : 1 ex., Budhwari village, Samba, Distt. Jammu, 1.x.78. 5 ex., Qazi Mohra, Poonch, Distt. Poonch, 22.ix.80.

Distribution : India : Uttar Pradesh, Rajasthan, Maharashtra and West Bengal.

Outside India : Europe, Western Asia and Nepal.

9. *Paraclepsis praedatrix* Harding

1924. *Paraclepsis praedatrix* Harding, *Ann. Mag. nat. Hist.*, Ser. 9, 14 : 489.

1927. *Paraclepsis praedatrix* Harding, *Fauna Brit. India*, Hirudinea : 88-90.

1983. *Paraclepsis praedatrix*, Chandra, *Rec. zool. Surv. India*, 80 : 265-290.

Material : 5 ex., Gara Satura, Hiranagar, Distt. Kathua, 29.xii.77. 4 ex., Rajpura, S. W. of Kathua, 24.xii.77. 18 ex., 2 km S. W. of Akhnoor, Distt. Jammu, 13.x.78. 4 ex., a pond on Jammu road, Akhnoor, Distt. Jammu, 14.x.78. 51 ex., Budwari Vill., Samba, Distt. Jammu, 1.x.78. 29 ex., Sungal vill., Akhnoor, Distt. Jammu, 17.x.78. 15 ex., ca. 3 km. N. of Akhnoor, Distt. Jammu, 16.x.78. 69 ex., Daskal Vill., Akhnoor, Distt. Jammu, 12.x.78. 21 ex.. Mandera Vill., Samba, Distt. Jammu, 29.ix.78. 4 ex., Pond near Mansar, Distt. Jammu, 7.x.78. 30 ex., 2 km W. of Mansar, Distt. Jammu, 9.x.78. 12 ex., Parel Vill., Samba, Distt. Jammu, 30.ix.78. 2 ex., Basantar river bank, Samba, Distt. Jammu, 27.ix.78. 2 ex., Pond near P. W. D. rest house, Samba, Distt. Jammu, 28.ix.78. 6 ex., water ditch near Katra town, Distt. Udhampur, 22.x.78. 1 ex., 3 km West of Mendhar, Distt. Poonch, 30.ix.80. 22 ex., Katra, Distt. Udhampur, 22.x.78. 23 ex., 2 km on Udhampur road, Katra, Distt. Udhampur, 23.x.78. 1 ex., Qazi Mohra, Poonch, Distt. Poonch, 22.x.80. 4 ex., 3 km along Srinagar road, Udhampur, Distt. Udhampur, 2.x.80.

Distribution : India : Himachal Pradesh, Haryana, Rajasthan, Bihar, Assam and Maharashtra.

10. *Paraclepsis vulnifera* Harding

1924. *Paraclepsis vulnifera* Harding, *Ann. Mag. nat. Hist. Ser. 9, 14* : 489.
 1927. *Paraclepsis vulnifera* Harding, *Fauna Brit. India, Hirudinea* : 91.
 1983. *Paraclepsis vulnifera*, Chandra, *Rec. zool. Surv. India, 80* : 265-290.

Material : 22 ex., Daskal, Akhnoor, Distt. Jammu, 12.x.78. 2 ex., 3 km North of Akhnoor, Distt. Jammu, 16.x.78.

Distribution : India : Himachal Pradesh, Rajasthan, Maharashtra and Tamil Nadu.

11. *Placobdella fulva* Harding

1924. *Placobdella fulva* Harding, *Ann. Mag. nat. Hist. Ser. 9, 14* : 489.
 1927. *Placobdella fulva* Harding, *Fauna Brit. India, Hirudinea* : 78.
 1983. *Placobdella fulua*, Chandra, *Rec. zool. Surv. India, 80* : 265-290.

Material : 3 ex., Chann Khetri, Hiranagar, Distt. Kathua, 27.xii.77.

Distribution : India : Bihar.

12. *Placobdella indica* Baugh

1960. *Placobdella indica* Baugh, *Zool. Anz., 165* : 468-477.
 1983. *Placobdella indica*, Chandra, *Rec. zool. Surv. India, 80* : 265-290.

Material : 10 ex., Raiyan, Hiranagar, Distt. Kathua, 23.xii.77 4 ex., Koota, Hiranagar, Distt. Kathua, 22.xii.77.

Distribution : India : Bihar.

13. *Placobdella undulata* Harding

1924. *Placobdella undulata* Harding, *Ann. Mag. nat. Hist., Ser. 9, 14* : 489.
 1927. *Placobdella undulata* Harding, *Fauna Brit. India, Hirudinea* : 78-81.
 1983. *Placobdella undulata*, Chandra, *Rec. zool. Surv. India, 80* : 265-290.

Material : 1 ex., Sherpur, Kathua, Distt. Kathua, 18.xii.77.

Distribution : India : Himachal Pradesh and Rajasthan.

Outside India : Sri Lanka.

Order : ARHYNCHOBDELLAE

Family : ERPOBDELLIDAE

14. *Barbronia weberi* (Blanchard)

1897. *Dina weberi* Blanchard, *Zool. Ergeb. Resise in Niederlandische Ost.—Indian, 4* : 332-355.
 1927. *Barbronia weberi*, Moore, *Fauna Brit. India, Hirudinea* : 135-140.
 1983. *Barbronia weberi*, Chandra, *Rec. zool. Surv. India, 80* : 265-290.

Material : 1 ex., Basholi, Distt. Kathua, 5.i.78. 7 ex., Sherpur, Kathua, Distt. Kathua, 18.xii.77. 8 ex., 4 km west of Udhampur, 3.x. 80. 2 ex., Qazi Mohra, Poonch, Distt. Poonch, 22.ix.80. 29 ex., 3km North of Mendhar, Distt. Poonch, 28.ix.80. 4 ex., 3 km west of Mendhar, Distt. Poonch, 25.ix.80. 2 ex., 2 km South of Mendhar, Distt. Poonch, 26.ix.80. 5 ex., 2 km East of Mendhar, Distt. Poonch, 27.ix.80. 4 ex., 3 km East of Mendhar Distt. Poonch, 28.ix. 80. 4 ex., Kheral Nala, Riasi, Distt. Udhampur, 12.vii.78. 3 ex., Stn., No. 27, South of Rajouri, Distt. Rajouri, 28.vii.78. 29 ex., 3 km West of Mendhar, Distt. Poonch, 30.ix.80. 3 ex., Kota Village, Mendhar, Distt. Poonch, 29.ix. 80.

Distribution : India : Kashmir, Himachal Pradesh and Madhya Pradesh.

Outside India : Pakistan, Nepal, Java and Sumatra.

15. **Erpobdella octoculata** (Linn.)

1758. *Hirudo octoculata* Linnaeus, *Systema Naturae*, 10th ed.

1927. *Erpobdella octoculata*, Harding, *Fauna Brit. India*, Hirudinea : 130-135.

1983. *Erpobdella octoculata*, Chandra, *Rec. zool. Surv. India*, **80** : 265-290.

Material : 57 ex., along Doda road, Bhadarwah, Distt. Doda, 12.x.80.

Distribution : India : Kashmir.

Remarks : Previously it was recorded only from the Kashmir Valley.

16. **Herpobdelloidea lateroculata** Karburaki

1921. *Herpobdelloidea lateroculata* Kaburaki, *Rec. Indian Mus.*, **18** : 689-719.

1927. *Herpobdelloidea lateroculata*, Moore, *Fauna Brit. India*, Hirudinea : 141-143.

1983. *Herpobdelloidea lateroculata*, Chandra, *Rec. zool. Surv. India*, **80** : 265-290.

Material : 1 ex., Sherpur, Kathua, Distt. Kathua, 18.xii.77. 8 ex., Mandera Vill., Samba, Distt. Jammu, 29.ix.78. 2 ex., Mansar, Distt. Jammu, 7.x. 78. 10 ex., Qazi Mohra, Poonch, Distt. Poonch, 22.ix.80. 4 ex., 2 km East of Poonch, Distt. Poonch, 18.ix.80.

Distribution : India : Rajasthan, Madhya Pradesh, Maharashtra and Manipur.

17. **Nematobdella indica** Kaburaki

1921. *Nematobdella indica* Kaburaki, *Rec. Indian Mus.*, **18** : 689-719.

1927. *Herpobdelloidea indica*, Moore, *Fauna Brit. India*, Hirudinea : 144-148.

1983. *Nematobdella indica*, Chandra, *Rec. zool. Surv. India*, **80** : 265-290.

Material : 1 ex., Rajpura, Kathua, Distt. Kathua, 24.xii.77. 2 ex., Gara Satura, Hira Nagar, Distt. Kathua, 29.xii.77. 2 ex., Logate, Kathua,

Distt., Kathua, 19.xii.77. 1 ex., Stn. No. 8, Kathua, Distt. Kathua, 20.xii.77. 1 ex., Koota, Hiranagar, Distt. Kathua, 22.xii.77. 8 ex., Budhwari Vill., Samba, Distt. Jammu, 1.x.78. 1 ex., Akhnoor, Distt. Jammu, 14.x.78. 4 ex., Sungal Vill., Akhnoor, Distt. Jammu, 17.x.78. 9 ex., 2 km South of Akhnoor, Distt. Jammu, 13.x.78.. 2 ex., near P. W. D. rest house, Smaba, Distt. Jammu, 28.ix.78. 12 ex., 3 km north of Akhnoor, Distt. Jammu, 16.x.78. 7 ex., Parel Vill., Samba, Distt. Jammu, 30.ix.78. 15 ex., Mandera Vill., Samba, Distt. Jammu, 29.ix.78. 6 ex., Budhwari Vill., Samba, Distt. Jammu, 1.x.78. 1 ex., Basantar river, Samba, Distt. Jammu, 27.ix.78. 3 ex., Riasi Camp, Riasi, Distt. Udhampur, 13.vii.79.

Distribution : India : Rajasthan, Madhya Pradesh, Maharashtra and Manipur.

Family : HIRUDIDAE

18. *Hirudo birmanica* (Blanchard)

1894. *Haemopis birmanica* Blanchard, Ann. Mus. Civico di Storia Naturelle, Genova, 2 (14) : 113-118.
 1927. *Hirudo birmanica*, Moore, Fauna Brit. India, Hirudinea : 192-199.
 1983. *Hirudo birmanica*, Chandra, Rec. zool. Surv. India, 80 : 265-290.

Material : 2 ex., Parel Vill., Samba, Distt. Jammu, 30.ix.78. 2 ex., 3 km north of Akhnoor, Distt. Jammu, 16.x.78. 1 ex., Mandera Vill., Samba, Distt. Jammu, 29.ix.78. 1 ex., Bareri, Naoshera, Distt. Rajouri, 16.vii.79. 1 ex., Kalshian, Naoshera, Distt. Rajouri, 21.vii.79. 2 ex., 8 km on Jammu road, Naoshera, Distt. Rajouri, 19.vii.79. 2 ex., 10 km on Jangarh road, Naoshera, Distt. Rajouri, 18.vii.79. 1 ex., near Tawi river, Rajouri, Distt. Rajouri, 7.x.77.

Distribution : India : Rajasthan, Uttar Pradesh, Bihar, Maharashtra, West Bengal and Tamil Nadu.

Outside India : Pakistan, Sri Lanka and Burma.

19. *Poecilobdella javanica* Wahlberg

1856. *Sanguisuga javanica* Wahlberg, Ofversigt Kongl. vet. Akad, Forth. : 233-234.
 1927. *Hirudinaria javanica*, Moore, Fauna Brit. India, Hirudinea : 210-218.
 1983. *Poecilobdella javanica*, Chandra, Rec. zool. Surv. India, 80 : 265-290.

Material : 1 ex., 4 km west of Udhampur, Distt. Udhampur, 3.x.80. 9 ex., Fort view R. B. Riasi, Distt. Udhampur, 13.vii.79. 1 ex., Janiqla-Nala, Rajouri, Distt. Rajouri, 27.vii.79.

Distribution : India : West Bengal, Assam and Manipur.

Outside India : Sri Lanka, Burma, Java, Sumatra, Malaysia and Philippines.

20. *Poecilobdella granulosa* (Savigny)

1820. *Sanquisuga granulosa* Savigny, *Système des Annelides*, Paris.
 1927. *Hirudinaria (Poecilobdella) granulosa*, Moore, *Fauna Brit. India, Hirudinea* : 218-226.
 1983. *Poecilobdella granulosa*, Chandra, *Rec. zool. Surv. India*, **80** : 265-290.

Material : 1 ex., Mandera Vill., Samba, Distt. Jammu, 29.ix.78. 1 ex., Mansar Lake, Distt. Jammu, 6.x.78. 1 ex., Durgati Nala, Distt. Poonch, 6.x.77. 4 ex., Stn. No. 7, Riasi, Distt. Udhampur, 10.vii.79. 5 ex., Stn. No. 5, Riasi, Distt. Udhampur, 8.vii.79. 3 ex., Talwara, Riasi, Distt. Udhampur, 5.vii.79.

Distribution : India : Punjab, Himachal Pradeah, Uttar Pradesh, Gujrat, Maharashtra, Madhya Pradesh, and Tamilnadu.
 Outside India : Sri Lanka, Nepal and Burma.

Family : HAEMADIPSIDAE

21. *Haemadipsa zeylanica agilis* Moore

1927. *Haemadipsa zeylanica agilis* Moore, *Fauna Brit. India, Hirudinea*, 266-267.
 1983. *Haemadipsa zeylanica agilis*, Chandra, *Rec. zool. Surv. India*, **80** : 265-290.

Material : 2 ex., Kota village, Mendhar, Distt. Poonch, 29.ix.1981.

Distribution : India : Himachal Pradesh and Arunachal Pradesh.
 Outside India : Sri Lanka.

Remarks : The species can be identified by the presence of 3rd and fourth pair of eyes on contiguous annuli ; colour reddish brown or orange mottled with black, with a median dorsal yellow or greenish line.

22. *Haemadipsa* sp.

Material : 1 ex., Gian Village, Riasi, Distt. Udhampur, 14.ii.1979.

Remarks : The material could not be identified upto specific level due to unsatisfactory condition of the specimen. The specimen may belong to *Haemadipsa zeylanica*.

SUMMARY

The present account lists 22 species of leeches, which are recorded for the first time from the Jammu region of the state of Jammu and Kashmir. Distributional records of all the species are also included. Two species, *Eatracobdella lobata* and *Erpobdella octoculata* are recorded for the first time outside the Kashmir Valley. These species have palaearctic affinities.