INTRODUCTION

The current knowledge of diving beetles fauna of protected area of Himachal Pradesh state is very limited. Biswas (2000) and Ghosh & Hegde (2013) reported aquatic beetles from Renuka Wildlife Sanctuary of this state. The Govind Sagar Wildlife Sanctuary (GSWS) is located in district Bilaspur and Mandi of Himachal Pradesh and the area of this sanctuary is about 10,000 hectares.

The present study is based on 35 examples of dytiscid beetles, collected from GSWS, Bank of Satlej River near the town Bilaspur. All the collection was made by the author in April 2012 and September 2013. An annotated checklist of the nine species belonging to seven genera of family Dytiscidae occurring in sanctuary is presented. All species are widespread in South-East Asia. This is the first time diving beetles are recorded from this sanctuary. The species Hydaticus lucsonicus Aube is first report from Himachal Pradesh. For all species the locality data and distribution are also provided.

1. **Sandracottus dejeanii** (Aube, 1838)

1838. Hydaticus dejeanii Aube, in Dejean’s *Species Coleopteræ*, 6: 165.


**Material examined**: District Bilaspur, Govind Sagar WLS, Bank of Satlej river, Luhana Ground, alt. 600 m, 31°20′59″N, 076°45′19″E, 28.IX.2013, ex-ditch, lex. (Reg. No. 20257/H4A).

**Distribution**: India: Andhra Pradesh, Arunachal Pradesh, Gujarat, Himachal Pradesh, Jharkhand, Kerala, Madhya Pradesh, Maharashtra, Odisha, Rajasthan, Tamil Nadu, Uttarakhand, Uttar Pradesh and West Bengal; Elsewhere: Pakistan, Iran, Afrotropical region and Australian region.

**Remarks**: Vavirani (1980) recorded this species from district Bilaspur and Sirmour. In the year 2000, Biswas also reported this species from Sirmour district of Himachal Pradesh.

2. **Cybister sugillatus** Erichson, 1834


**Material examined**: District Bilaspur, Govind Sagar WLS, Bank of Satlej river, Luhana Ground, alt. 600 m, 31°20′59″N, 076°45′19″E, 28.IX.2013, ex-ditch, lex. (Reg. No. 20277/H4A).

**Distribution**: India: Assam, Bihar, Himachal Pradesh, Madhya Pradesh, Maharashtra, Manipur, Odisha, Sikkim, Tamil Nadu, Tripura, Uttarakhand, Uttar Pradesh and West Bengal; Elsewhere: Afghanistan, Bhutan, China, Indonesia, Japan, Myanmar, Nepal, Pakistan, Philippines and Sri Lanka.
Remarks: Ghosh (2011) recorded this species from district Kangra of Himachal Pradesh.

3. *Cybister tripunctatus lateralis* (Fabricius, 1798)


Material examined: District Bilaspur, Govind Sagar WLS, Bank of Satlej river, Luhana Ground, 31°20′42″N, 076°45′19″E, 17.IV.2012, 1ex. (Reg. No. 19794/ H4A). Distribution: India: Andaman & Nicobar Islands, Andhra Pradesh, Assam, Delhi, Gujarat, Himachal Pradesh, Jammu & Kashmir, Karnataka, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Odisha, Rajasthan, Sikkim, Tamil Nadu, Tripura, Uttar Pradesh and West Bengal; Elsewhere: Afghanistan, Bangladesh, Bhutan, Myanmar, Nepal, Pakistan, Sri Lanka, China, Cyprus, Iran, Iraq, Japan, Kyrgyzstan, Mongolia, Russia, Syria, Tajikistan, Turkmenistan, Turkey, Uzbekistan and Europe.

Remarks: This species recorded by Vavirani (1980) as *Cybister tripunctatus asiaticus* from Solan district and Ghosh (2011) recorded from Kangra district of Himachal Pradesh.

4. *Eretes griseus* (Fabricius, 1781)


Remarks: This species reported from Himachal Pradesh by Nilsson (2012) and earlier, Vazirani (1980) recorded as *Eretes sticticus* (Linn.) from Solan district of the state.

5. *Hydaticus luczonicus* Aube, 1838


Material examined: District Bilaspur, Govind Sagar WLS, Bank of Satlej river, Luhana Ground, alt. 600 m, 31°20′59″N, 076°45′19″E, 28.IX.2013, ex-ditch, 1ex. (Reg. No. 20358-63/H4A). Distribution: India: Bihar, Delhi, Gujarat, Jharkhand, Madhya Pradesh, Maharashtra, Meghalaya, Odisha, Punjab, Rajasthan, Tamil Nadu, Uttar Pradesh and West Bengal; Elsewhere: Afghanistan, Bangladesh, Bhutan, Myanmar, Nepal, Pakistan, Sri Lanka, China, Cyprus, Iran, Iraq, Japan, Kyrgyzstan, Mongolia, Russia, Syria, Tajikistan, Turkmenistan, Turkey, Uzbekistan and Europe.

Remarks: This species is first time recorded from Himachal Pradesh.

6. *Hydroglyphus flammulatus* (Sharp, 1882)


Material examined: District Bilaspur, Govind Sagar WLS, Bank of Satlej river, Luhana Ground, alt. 600 m, 31°20′59″N, 076°45′19″E, 28.IX.2013, 12 exs. (Reg. No. 20358-63/H4A). Distribution: India: Andhra Pradesh, Assam, Bihar, Gujarat, Himachal Pradesh, Jammu & Kashmir, Kerala, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Odisha, Rajasthan, Sikkim, Tamil Nadu, Tripura, Uttar Pradesh and West Bengal; Elsewhere: China and Pakistan.

Remarks: Ghosh (2011) recorded this species from Kangra district of Himachal Pradesh.

7. *Hyphydrus renardi* Severin, 1890


**Material examined:** District Bilaspur, Govind Sagar WLS, Bank of Satlej river, Luhana Ground, alt. 600 m, 31°20′59″N, 076°45′19″E, 28.IX.2013, ex-ditch, 1ex (Reg. No. 20340/H4A).

**Distribution:** India: Bihar, Gujarat, Himachal Pradesh, Jharkhand, Kerala, Madhya Pradesh, Maharashtra, Odisha, Rajasthan, Tamil Nadu, Uttarakhand, Uttar Pradesh and West Bengal; Elsewhere: Bangladesh, Bhutan, Myanmar, Nepal, Pakistan and Sri Lanka.

**Remarks:** Vazirani (1980) and Ghosh (2011) recorded this species from Himachal Pradesh.

8. **Laccophilus flexuosus** Aube, 1838

1838. *Laccophilus flexuosus* Aube, in Dejean’s *Species Coleoptera*, 6: 430.


**Material examined:** District Bilaspur, Govind Sagar WLS, Bank of Satlej River, Luhana Ground, alt. 600 m, 31°20′59″N, 076°45′19″E, 28.IX.2013, ex-ditch, 1ex (Reg. No. 20411/H4A); 31°20′59″N, 076°45′19″E, 28.IX.2013, ex-ditch, 1ex (Reg. No. 20406/H4A).

**Distribution:** India: Andaman & Nicobar Islands, Andhra Pradesh, Assam, Bihar, Goa, Gujarat, Himachal Pradesh, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Odisha, Punjab, Rajasthan, Sikkim, Tripura, Tamil Nadu, Uttarakhand, Uttar Pradesh and West Bengal; Elsewhere: Bangladesh, Bhutan, Myanmar, Nepal, Pakistan, Sri Lanka, Indonesia, Iran and Malaysia.

**Remarks:** Vazirani (1980) reported this species from Sirmour district of Himachal Pradesh.

9. **Laccophilus inefficiens** (Walker, 1859)


**Material examined:** District Bilaspur, Govind Sagar WLS, Bank of Satlej River, Luhana Ground, alt. 600 m, 17.IV.2012, 1ex. (Reg. No. 19937/H4A); 31°20′59″N, 076°45′19″E, 28.IX.2013, ex-ditch, 1ex (Reg. No. 20406/H4A).

**Distribution:** India: Andaman & Nicobar Islands, Andhra Pradesh, Assam, Bihar, Goa, Gujarat, Himachal Pradesh, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Odisha, Punjab, Rajasthan, Sikkim, Tripura, Tamil Nadu, Uttarakhand, Uttar Pradesh and West Bengal; Elsewhere: Bangladesh, Bhutan, Myanmar, Nepal, Pakistan, Sri Lanka, Indonesia, Iran and Malaysia.

**Remarks:** Vazirani (1980) reported this species from Sirmour district of Himachal Pradesh.

**SUMMARY**

The present study records 35 examples of Dytiscidae beetles pertaining to 9 species of 7 genera from Govind Sagar Wildlife Sanctuary of Himachal Pradesh. Of these, 1 species is reported for the first time from the state and all the species are first record from the sanctuary.

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