

CHECKLIST OF INDIAN DIPLURA

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Campodeid Diplura

The order Diplura includes soft bodied wingless minute insects. They are sometimes called "two-pronged bristletails." Diplurans are mostly between 2 and 5 mm long, although some species of *Japyx* may reach 50 mm. They have no eyes and, apart from the darkened cerci in some species, they are unpigmented. They have long antennae with ten or more bead-like segments projecting forward from the head, and a pair of cerci projecting backwards from the last of the eleven abdominal somites. These cerci may be long and filamentous or short and pincer-like, sometimes leading to occasional confusion with earwigs. These cerci give the group its name, from the Greek *diplo* ("two") and *uros* ("tail").

The first Indian species of Diplura was known by the work of Silvestri(1931), later he described several species of Diplura from India. Rani & Mitra(1977) described a subspecies of Campodeid Diplura from India.

The world fauna of the order Diplura comprises 976 species (Condé and Pagés, 1991). The Indian fauna is represented by 18 species in 9 genera under 3 families.

Order: DIPLURA
Suborder: RHABDURA

Family: ANAJAPYGIDAE Bagnall, 1918

1. Genus: *Anajapyx* Silvestri, 1903

1. *Anajapyx carli* Pagés, 1997

Family: IAPYGIDAE Haliday, 1864

Subfamily: IAPYGINAE Haliday, 1864(Womersley, 1939)

2. Genus: *Iapyx* Haliday, 1864

2. *Iapyx meridionalis* (Silvestri, 1948)

3. Genus: *Mesjapyx* Silvestri, 1948

3. *Mesjapyx immsi* (Silvestri, 1931)Paclt 1985

4. Genus: *Indjapyx* Silvestri, 1931

4. *Indjapyx annandalei* Silvestri, 1931

5. *Indjapyx graveleyi* Silvestri, 1931

6. *Indjapyx harrisoni* Silvestri, 1936

7. *Indjapyx petrunkevitchi* Silvestri, 1936

8. *Indjapyx heteronotus* Silvestri, 1931

9. *Indjapyx indicus* (Oudemans, 1891)

10. *Indjapyx pruthii* Silvestri, 1931

11. *Indjapyx seymourii* Silvestri, 1931

5. Genus: Parajapyx Silvestri, 1903
Subgenus: Grassjapyx Pagés, 1952

12. *Grassjapyx indica* (Silvestri, 1913)

Family: PROJAPYGIDAE Cook, 1896
6. Genus: Symphylurinus Silvestri, 1909

13. *Symphylurinus indicus* Silvestri, 1937

7. Genus: Simlacampa Condé, 1957

14. *Simlacampa clayae* Condé, 1957

Family: CAMPODEIDAE Meinert, 1865
Subfamily: LEPIDOCAMPINAE Condé, 1956

8. Genus: Lepidocampa Oudemans, 1890

15. *Lepidocampa bengalensis* Rani & Mitra, 1977

16. *Lepidocampa juradoi* Silvestri, 1931

17. *Lepidocampa weberi* Oudemans, 1890

Subgenus: Paracampa Condé, 1953

18. *Paracampa gravely* (Silvestri, 1933)

REFERENCES

- I. S. Rani & S. K. Mitra. 1977. A new subspecies of *Lepidocampa* (Apterygota: Dipura: Campodeidae) from India. *Oriental Insects*, **11**(1):17-26
- Silvestri, F. 1933. Campodeidae(Thysanura) dell estremo oriente. *Boll. Lab. Zool. Portici*. **25**: 286-320
- Silvestri, F. 1933. First Contribution to the knowledge of the Indo-Malayan Campodeidae(Thysanura-Entotropha). *Rec. Indian Mus.* **35**(4): 379-392