

## NABIDAE (HETEROPTERA) FROM AFGHANISTAN

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Dr. L. Hoberlandt (Department of Entomology, National Museum, Prague) kindly sent me for identification Nabidae collected in Afghanistan by J. Klapperich in 1952 and 1953, by Erichsson in 1956 and 1957 and by K. Lindberg in 1957—1960. Besides I examined specimens collected by O. N. Kabakov in 1969—1973 and some other materials from the collection of the Zoological Institute in Leningrad. A list of all these materials is given below. Labels are listed in sequence of collecting dates. Previous publications on Afghanistan Nabidae are discussed.

To date 11 species are found in Afghanistan, 5 of them are first recorded in this paper. Further 3 species known from the adjacent areas of the USSR and Pakistan can be expected also in Afghanistan: *Philobatus christophi* (Dohrn), *Nabis remanei* Kerzhner, *Prostemma sanguineum* (Rossi).

For keys, description, figures, data on distribution and ecology see Kerzhner, 1981.

***Aptus maracandicus* (Reuter, 1890)**

Pagmangebirge, 2400 m, 6. 7. 52, 1 larv., 2100 m, 14. 6. 53, 1 ♀; Wanglang, Salangtal, 2520 m, 29. 9. and 14. 11. 52, 1 ♂, 3 ♀♀, Kamdesch, Nuristan, 2200 m, 28. 4. 53, 1 ♀; Baschgultal, 1200 m, 7. and 11. 5. 53, 5 larv. (Klapperich); Darren-Chakh, 29. 10. 57, 2 ♀♀; Saroubi, 16. 1. 58, 1 ♀; Haouz-Mahivan, Kaboul, 4. 4. 58, 1 ♂; Tchidjan, Cheikhabad, 7. 4. 58, 1 ♀; Karokh, 1320 m, 26. 6. 59, 1 ♂, 1 ♀; Kechm, Talagan — Faizabad, 1020 m, 13. 7. 59, 1 larv. (Lindberg).

Previously recorded from Afghanistan by Kiritshenko (1963 — Pagman).

***Halonabis sareptanus* (Dohrn, 1862)**

Pol-Khomri, 9. 10. 57, 1 ♀ (Lindberg); Shand, 29. 10. 72, 1 ♂; Anardara, 9. 11. 72, 1 ♀ (Kabakov).

Previously recorded from Afghanistan by Muminov (1975 — Salang pass).

***Aspilaspis viridula* (Spinola, 1837)**

Kandahar, 950 m, 11. and 19. 2. 53, 3 ♂♂, 6 ♀♀ (Klapperich).  
New record for Afghanistan.

***Aspilaspis pallida* (Fieber, 1861)**

Khinjan, Andarabtal, 1240 m, 25. 9. 52, 1 ♂, 2 larv.; Kamu, Baschgultal, Nuristan, 1500 m, 26. 4. 53, 1 ♀ (Klapperich).  
New record for Afghanistan.

***Aspilaspis indica* (Stål, 1873)**

Recorded from Marku in Nangarhar prov. by Kerzhner (1981), earlier the same specimen was misidentified as *A. viridis* Brullé by Kiritshenko (1967).

***Nabis ferus* (Linnaeus, 1758)**

Umgeb. v. Kabul, 1740 m, 16.—29. 6., 17. 9. 52, 6 ♂♂, 6 ♀♀; Banda-e-Mir, Hazaradjat, 2900 m, 30. 8. 52, 1 ♀; Pagmangebirge, 3000 m, 28. 8. 53, 1 ♂, 2 ♀♀, 2 larv. (Klapperich); Baitamur and Maidan-Otu, 3600—3900 m, 24.—25. 9. 70, 1 ♀ (Kabakov).

New record for Afghanistan.

Afghanistan specimens are relatively short and wide, especially these from the highest localities (♂ length 7.2, width 2.2, ♀ length 6.5—6.9, width 2.2—2.4 mm). Females from the two highest localities are submacropterous, as these from Pamirs (see Kerzhner, 1981). In all Afghanistan females the right side of the parietal gland is not turned to the dorsal surface of vagina.

***Nabis sinoferus sinoferus* Hsiao, 1964**

Sang-Tanab, 8. 10. 57, 1 ♂; Doab, 1640 m, 31. 7. 59, 2 ♂♂ (Lindberg).  
New record for Afghanistan.

***Nabis palifer* Seidenstücker, 1954**

Umgeb. v. Kabul, 1740 m, 16.—29. 6., 5. 7., 13.—17. 9. 52, 4 ♂♂, 9 ♀♀; Pagmangebirge, 2300 m, 25. 6. 52, 1 ♀; Kamdesch, Baschgultal, Nuristan, 2000 m, 16. 7. 52, 3 ♀♀; Mangul, Baschgultal, 1250 m, 18. 7. 52, 1 ♀; Purstam, Baschgultal, 1700 m, 19. 7. 52, 1 ♀; Achmede Dewana, Baschgultal, 2700—2800 m, 24. and 28. 7. 52, 1 ♂, 1 ♀; Peschawurdo, Baschgultal, 2200 m, 27. 7. 52, 2 ♀♀; Ghorbandtal, 1900 m, 26. 8. 52, 1 ♂, 2 ♀♀; Khinjan, Andarabtal, 1240 m, 25. 9. 52, 2 ♀♀; Do-Schak, Khinjantal, Hindukusch, 2500 m, 26. 9. and 1. 10. 52, 2 ♂♂, 5 ♀♀; Batausar, Salangtal, 2550 m, 10. 10. 52, 1 ♂; Hassantal b. Baghlan, Kundus, Kataghan, 400 m, 9. 12. 52, 1 ♂; Kischm, Badakschan, 1000 m, 11. 12. 52, 2 ♂♂, 1 ♀; Ischpuschta, Kundustal, 1700 m, 21. 12. 52, 1 ♀; Kandahar-Kuna, 950 m, 28. 1. 53, 1 ♀;

Baschgultal, Nuristan, 1100 m, 17., 22. 4., 6. 5. 53, 1 ♂, 5 ♀♀; 1150 m, 9.—12. 5. 53, 2 ♂♂, 1 ♀; 1300 m, 24. 5. 53, 1 ♀; Darfulun b. Kabul, 1800 m, 17. 6. 53, 1 ♀; Khanabad, Kataghan, 650 m, 27. 6. 53, 4 ♂♂; Faizabad, Kokschatal, Badakschan, 1450 m, 2. 7. and 7. 8. 53, 3 ♀♀; Schiva, Hochsteppe, Badakschan, 2800 m, 12. 7. 53, 1 ♀; Senna, Kokschatal, 1800 m, 16. 7. 53, 2 ♂♂; Firgamu, Kokschatal, 2300 m, 20. 7. 53, 1 ♂, 1 ♀; Sarekanda Gebirge, Badakschan, 3500 m, 26. 7. 53, 1 ♀ (Klapperich); Sar-i-Pul, 7. 9. 56, 15. 8. 57, 1 ♂, 3 ♀♀ (Erichsson); Doab, 7. 10. 57, 2 ♂♂, 1640 m, 31. 7. 59, 2 ♂♂ (Lindberg); Basaval, Shimdag, Nangarhar prov., May 62, 1 ♀ (Borovkov); 25 km NE Herat, 13.—14. 2. 69, 1 ♂; Surobag, E Kabul, 1000 m, 25. 5. 70, 1 ♂; Gizdo, 12. 6. 70, 1 ♂ (Kabakov).

Previously recorded from Afghanistan by Hoberlandt (1961 — Balkh, Polichomri, Gulbahar) and Kiritshenko (1963 — between Kunduz and Imam-Saib, identification verified by me).

The size and colouring of Afghanistan specimens are very variable, in some of them (especially in these from the eastern part) corium is with distinct brownish spots at base of hairs. Specimens from Achmed Dewana are slightly reddish and submacropterous, as typical for this species in Himalaya and E. Tibet.

I use this occasion to indicate *N. palifer* from Pakistan (new record): 20 and 25 km NE Rawalpindi, 1. and 19. 12. 55, 2 ♀♀ (Chr. Lindemann). Both specimens are large, with well developed dark colouring and with numerous brownish spots at corium.

#### ***Nabis punctatus mimoferus* Hsiao, 1964**

Batausar, Salangtal, Hindukusch, 2250 m, 10. 10. 52, 1 ♂, 1 ♀; Mars, Panchjir, 2400 m, 10. 6. 53, 1 ♀; Tschakaran, Warduschtal, 1850 m, 6. 7. 53, 1 ♀; Senna, Kokschatal, Badakschan, 1800 m, 16. 7. 53, 3 ♂♂, 3 ♀♀ (Klapperich); Zebak, Badakhshan, 25.—28. 7. 73, 1 ♀ (Kabakov).

Previously recorded from Afghanistan by Kerzhner (1981 — Zebak).

#### ***Nabis capsiformis* Germar, 1838**

Masdjed — Tchoubi, 16. 6. 59, 1 ♀; Kaboul, 1780 m, 22. 8. 60, 1 ♀ (Lindberg).

Previously recorded from Afghanistan by Hoberlandt (1961 — Herat and between Gulbahar and Sarobi).

#### ***Prostemma guttula asiaticum* Kerzhner, 1968**

Faizabad, 23. 7. 60, 1 ♀ (Lindberg).

New record for Afghanistan.

#### ***Prostemma sanguineum* (Rossi, 1790)**

*Nabis afghanicus* Poppius (junior synonym of *P. sanguineum*) was described (Reuter, Poppius, 1909) with indication „Afghania borealis, Kouschka, D. C. Ahnger“. In fact Kushka, where C. Ahnger collected,

is in the USSR (Turkmenian SSR). However the species is found in the USSR in many localities near the boundary with Afghanistan and certainly will be found here.

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