

**RESULTS OF THE CZECHOSLOVAK-IRANIAN ENTOMOLOGICAL
EXPEDITIONS TO IRAN 1970, 1973 AND 1977**

Orthoptera s. str., Tridactylodea, Tridactylidae

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This paper is based on the study of more than 440 specimens of Tridactylidae taken by three expeditions of National Museum (Nat. Hist.), Praha to Iran in 1970, 1973 and 1977. This material is composed of five species — three of which are new records for the Iranian fauna — belonging to two genera. At present there are listed from Iran 3 species only (i.e. *Tridactylus fasciatus* Guér., *Xya variegata* Latr. and *X. japonica* (Haan), occurrence of the last named species (Mirzayan 1959: 24 — *Tridactylus japonicus* Haan; Hashemi 1976: 120 — *T. japonicus* Haan) should be verified additionally.

Information on the localities mentioned in this communication will be found in L. Hoberlandt (1974, 1981 and 1983).

All examined material is deposited in the collections of the Department of Entomology, National Museum (Nat. Hist.) in Praha.

I would like to express my thanks to colleague Dr. Kurt K. Günther, Zoological Museum, Humboldt University in Berlin, for identification and comparing two specimens (♂, ♀) of *Xya apicicornis* Chopard with its female holotype, as well as for valuable comments.

TRIDACTYLIDAE - TRIDACTYLINAE

Tridactylus Olivier, 1789

Tridactylus fasciatus Guérin, 1844

Tridactylus fasciatus Guérin — Méneville 1844, Icongr. R.Anim., Ins.: 335, Pl. 54, Fig. 5, 5a—e. [Syn. *T. Savignyi* Guér. 1844].

Material examined: C. Iran, Damaneh, 2200 m, 30. VI. 1970, 6 ♂♂, 2 ♀♀, loc. no. 35; S. Iran, Issin, 11.—15. 5. 1973, 3 ♂♂, 2 ♀♀, loc. no. 198; S. Iran, Issin, 28. 4.—6. 5. 1977, ♂, ♀, loc. no. 320; S. Iran, Shahvar, 12 km NW. Minab, 18.—19. 5. 1973, ♂, loc. no. 202; S. Iran, Minab, 19.—20. 5. 1973, 4 ♂♂, 4 ♀♀, loc. no. 203; S. Iran, Dar-pahn, 12 km E. Senderk, 11.—12. 5. 1977, ♂, ♀, loc. no. 326; S. E. Iran, Bahu-Kalat, 3.—4. 4. 1973, ♂, 2 ♀♀, loc. no. 147; S. E. Iran, Tis, 6.—7. 4. 1973, 23 ♂♂, 14 ♀♀, loc. no. 150; S. E. Iran, 13 km S. S. E. Nikshahr (riv.), 8.—9. 4. 1973 2 ♂♂, loc. no.

152; S. E. Iran, Ghasemabad, 10 km E. Bampur (vall.), 11.—12. 4. 1973, 2 ♂♂, loc. no. 157.

Geographical distribution: From C. and N. Africa, Iraq, S. USSR., Caucasus, Soviet Middle Asia, Iran, Afghanistan to India and Burma.

Xya Latreille 1809

Xya variegata Latreille, 1809

Xya variegata Latreille, 1809, Gen. Crust. Ins., 4: 383.

Material examined: N. W. Iran, Maku, 19.—20. 6. 1970, ♂, loc. no. 24; N. W. Iran, 30 km N. W. Mianeh, 5. 7. 1973, 2 ♂♂, ♀, loc. no. 265 (together with *X. pfaendleri palestinae* Harz); E. Iran, Kuh-e Taftan, Tamandan, 2100 m, 20. 4. 1973 3 ♂♂, loc. no. 167; E. Iran, Kuh-e Taftan, Tamandan, 2200 m, 18. 4. 1973, ♀, loc. no. 168 — Dr. K. K. Günther det.

Geographical distribution: From C. Europe to C. Africa (Zaire) and S. E. Asia (China and India).

Xya hieroglyphica (Bei-Bienko, 1967)

Tridactylus hieroglyphicus Bei-Bienko, 1967, Acta ent. bohemoslov., 64: 425—426, Fig. 14.

Material examined: S. E. Iran, Baluchistan, Env. Sarbaz, vall. r. Sarbaz, 1.—2. 4. 1973, 3 ♂♂, 6 ♀♀, loc. no. 145; S. E. Iran, Rask, about 3 km N., 2.—3. 4. 1973, loc. no. 146, 2 ♀♀, S. E. Iran, Bahu-Kalat, 3.—4. 4. 1973, 2 ♂♂, 4 ♀♀, loc. no. 147.

This interesting species was described from Afghanistan; new record for Iran.

Xya apicicornis (Chopard, 1928)

Tridactylus apicicornis Chopard, 1928, Rec. Ind. Mus. (Calcutta), 30: 2.

Material examined: E. Iran, 33 km W. Sabzevaran, 1100 m, 6.—7. 5. 1973, ♂, 2 ♀♀, loc. no. 189 (together with *X. pfaendleri palestinae* Harz).

This species was described from India (Medha, Yenna valley, Satara District, 2200 ft.); new record for Iran.

Geographical distribution: (According to Dr. Günther's communication) Vietnam (Dalat), Laos (Vientiane, Ban Theuong), India (Bengal) and W. Pakistan (Rawalpindi env.); i. e. from E. Iran to Vietnam.

Xya pfaendleri palestinae (Harz, 1971)

Tridactylus pfaendleri palestinae Harz, 1971, Atalanta, 3 (5): 342, fig. 20.

Material examined: E. Iran, Banu-e Charehar, 1800—2000 m, 8. 5. 1973, ♀, loc. no. 191; E. Iran, 33 km W. Sabzevaran, 1100 m, 6.—7. 5. 1973, 92 ♂♂, 116 ♀♀, loc. no. 189; E. Iran, Deh-Bakri, 1700—1750 m, 30. 4. 1973, 4 ♂♂, 1 ♀, loc. no. 186; S. Iran, E. Zagros, Yasuj, 16. 6. 1973, 13 ♂♂, 14 ♀♀, loc. no. 243; S. Iran, Minab, 19.—20. 5. 1973, 2 ♂♂, 1 nymph, loc.

no. 203; S. Iran, 40 km S. E. Minab, 21. 5. 1973, 4 nymphs, loc. no. 205; S. Iran, Issin, 11.—15. 5. 1973, 7 ♂♂, 18 nymphs, loc. no. 198; S. Iran, Issin, 26. 5. 1973, 1 nymph, loc. no. 213; S. Iran, Besan (pass), 15 km N. W. Furk, 1000—1400 m, 28.—29. 5. 1973, 1 nymph, loc. no. 218; S. Iran, Minab, 19.—20. 5. 1973, 2 ♂♂, 3 ♀♀, 2 nymphs, loc. no. 203; S. Iran, 40 km S. E. Minab, 21. 5. 1973, 9 ♂♂, 6 ♀♀, 21 nymphs, loc. no. 205; S. Iran, Kushk, N. Masiri, 1800 m, 12. 6. 1973, 5 ♂♂, 5 ♀♀, loc. no. 237; S. Iran, Khushengan, 10. 5. 1973, ♂, ♀, 2 nymphs, loc. no. 196; S. Iran, Hassan-Langi, 16.—17. 5. 1973, 1 nymph, loc. no. 200; S. E. Iran, Ghasemabad, 10 km E. Bampur (vall.), 11.—12. 4. 1973, 3 ♂♂, 8 ♀♀, loc. no. 157; S. W. Iran, Shiraz (west), 4. 7. 1970, ♀, loc. no. 43; N. W. Iran, 30 km N. W. Mianeh, 5. 7. 1973, 3 ♂♂, ♀, 1 nymph, loc. no. 265; S. Iran, Mian Jangal, 30. 5.—5. 6. 1973, ♀, loc. no. 223; C. Iran, Rafsanjan, 22. 3. 1973, ♂, loc. no. 131; N. Iran, 880 m, N. W. Malavi, 9.—10. 4. 1977, 2 ♂♂, loc. no. 283; C. Iran, Chashmeh-ye Sargas, 1650 m, 20.—21. 5. 1977, ♂, ♀, loc. no. 339; S. W. Iran, Bidruyeh, 36 km NNW. Andimeshk 440 m, 11.—12. 4. 1977, ♂, loc. no. 285; S. W. Iran, Hoseiniyeh, 28 km N. N. W. Andimeshk, 360 m, 12.—13. 4. 1977, 3 ♀♀, loc. no. 286.

This subspecies was described from Israel and Egypt; new record for Iran. Typical subspecies is distributed in C. and S. Europe.

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