

In 1920 Santschi described as a new species a *D. (A.) australis*. This is evidently the same as the subspecies described in the previous year; he gives the same localities for it in South Africa, and compares it with his *montanum*. He does not, however, suggest that he is raising the subspecies to specific rank, nor does he mention that he has described it before.

#### MYRMICINAE.

5. — *Myrmica rugulosa* Nyl. subsp. *limanica* Karawajew, 1934, *Trav. Inst. Zool. Ukraine*, **1**: 76.

Karawajew describes this subspecies from Russia, and adds to his description 'Arnoldi in litt.' Arnoldi in 1935 describes the same ant *Folia zool. Hydrobiol.*, **6**: 162, but as Karawajew published it first his name will have to stand as the author.

6. — *Myrmica rugulosa* Nyl. subsp. *limanica* Karaw. v. *chersonensis* Karaw., 1934, *Trav. Inst. Zool. Ukraine*, **1**: 76 'Arnoldi in litt.'

Again Arnoldi describes this variety in 1935, *Folia zool. Hydrobiol.*, **6**: 164, but Karawajew remains the author.

7. — *Messor barbarus* L. subsp. *caducus* Motschulsky; *Formica caduca* Mots. 1839, *Bull. Soc. Nat. Moscou*, **12**: 47 = *Messor barbarus* L. subsp. *incorruptus* Ruzsky, 1905, *Formic. Imp. Rossici*, **1**: 728, 751, teste Kolossoff 1932, *Ent. NachrBl.*, **6**: 118.

Emery, 1921, *Gen. Ins.*, **174a**: 70 gives *incorruptus* Ruzsky as a var. of *M. barbarus* L. subsp. *aegyptiacus* Emery; and *caducus* Mots. (p. 72) as a synonym of *M. barbarus* L. subsp. *semirufus* André.

8. — *Monomorium (Notomyrmex) longiceps* Wheeler, 1934, *roy. Soc. W. Aust.*, **20**: 146, W. Australia; *Monomorium (Monomorium) longiceps* Karawajew; 1935, *Treubia*, **15**: 94, Indo-China.

I propose the name **annamense** nom.n. for Karawajew's species.

9. — *Monomorium (Monomorium) bimaculatum* Wheeler, 1928, *Boll. Lab. Zool. Portici*, **22**: 19, China; *Monomorium (Xeromyrmex) bicolor* Emery subsp. *personatum* Santschi var. *bimaculatum* Santschi, 1937, *Rev. Suisse Zool.*, **44**: 221.

I believe there is no fixed rule in this matter; some authorities would sink Santschi's varietal name, others maintain that the same name may always be used in the case of varieties.

10. — *Myrmecaria natalensis* Smith subsp. *arnoldi* Santschi, 1939, *Bull. (Ann.) Soc. ent. Belg.*, **79**: 238.

Santschi writes as follows: '*Myrmecaria natalensis* st. *obscuriceps* Sant. *Rev. Suisse Zool.*, XLIV, p. 226, 1937 = *M. arnoldi*