

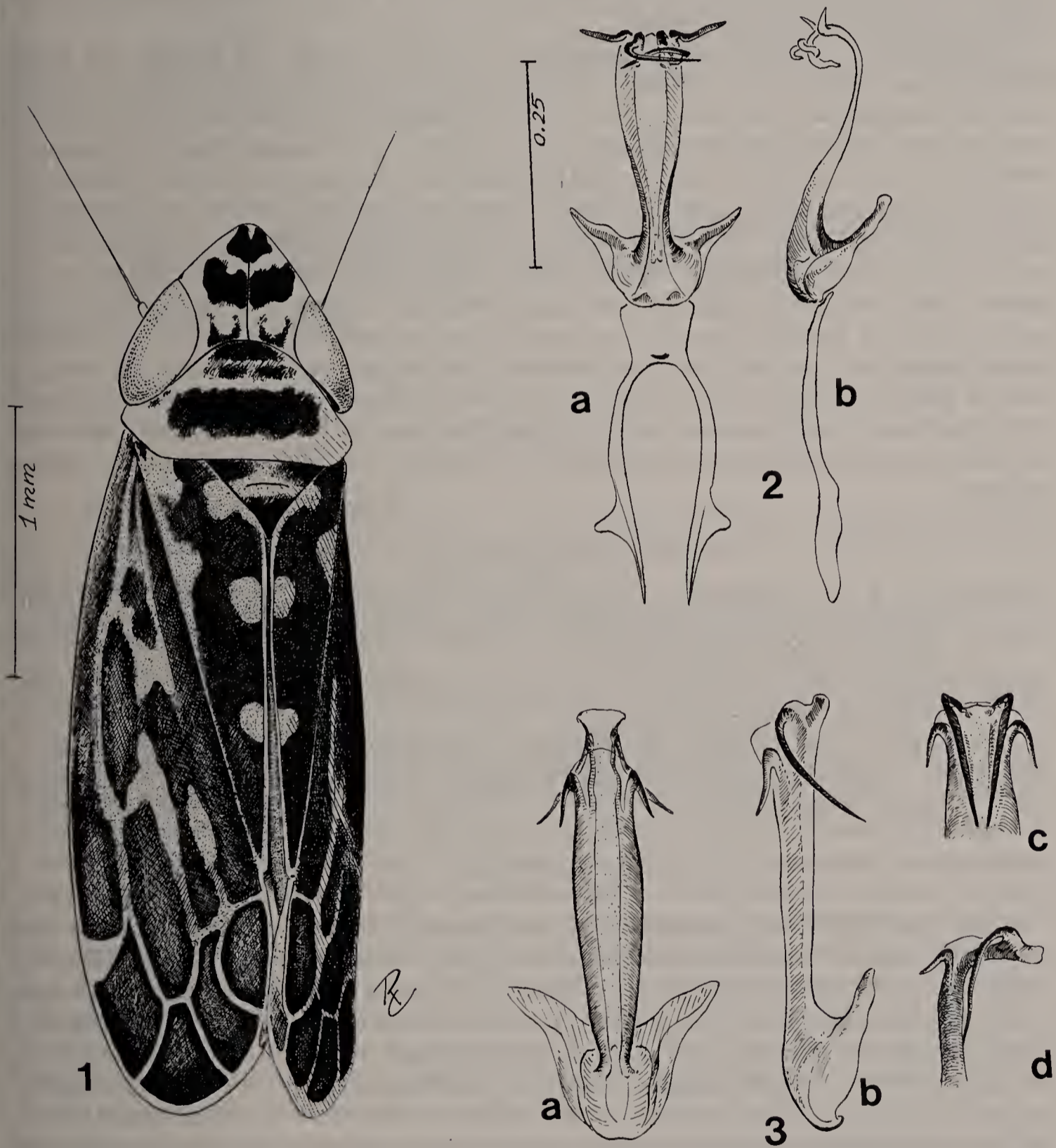
A new *Adarrus* species from Austria (Cicadellidae, Homoptera Auchenorrhyncha)

by

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ABSTRACT. — *Adarrus tirolensis* n. sp. is described from Reutte, Tirol, Austria. The external aspect is very close to dark-coloured *A. multinotatus* (Boheman), but the shape and spininess of the penis is quite dissimilar and unlike in any of the 16 known species.



Figs. 1-2, *Adarrus tirolensis*; 1, holotype ♂, oblique dorsal view; 2, penis with connective. a, dorsal; b, right lateral side.

Fig. 3. *A. multinotatus*, Reutte, Austria. Penis without connective. a, dorsal; b, right lateral side; c, d, apex of penis of another individual.

Adarrus tirolensis n. sp.

Size and external aspect as *A. multinotatus* (Boheman), but much darker and with extensive brown pattern on the forewing (fig. 1). All individuals of *A. multinotatus* which were collected also in the same area, are much lighter coloured. The penis of the new species is very characteristic (fig. 2) and entirely different from any other *Adarrus* species described so far. The shaft is slender in side view and curved like a swan-neck; one preapical pair of spines extends laterad, another apical pair of spines is crossed. The penis of *A. multinotatus*, collected in the same area, is variable (fig. 3), and quite a bit of variation exists in individuals of more northern latitudes (Cobben & Rozeboom, 1978). Despite of this variation, the morphological gap between the penis structure of *A. multinotatus* and *A. tirolensis* remains considerable.

Holotype, ♂, Reutte, Tirol, Austria, end of July 1954 (leg. R. H. C.), in the collection of the Laboratory of Entomology, Wageningen.

Unfortunately I can not exactly remember from which habitat and altitude this single specimen was collected. The altitudes explored by me in the direct environment of Reutte amounted roughly from 600-1500 m. It may be that *A. multinotatus*, in fact also occurring in the same region, is adapted to lower altitudes than *A. tirolensis*. *A. multinotatus* feeds on tall grasses, preferably in calcareous areas, and its range extends from the southern parts of England, the whole European continent, except for Denmark and Scandinavian countries, to N. Africa (Le Quesne, 1969; Nast, 1972). The number of species listed within *Adarrus* is 16 (Nast *o.c.*). The genus is divided into 3 subgenera: *Adarrus* Ribaut, 1947; *Belaunus* Ribaut, 1952, and *Errastunus* Ribaut, 1947 (Emeljanov, 1966). The new species belongs to *Adarrus* s. s. On the basis of the penis structure, *A. tirolensis* cannot be confused with any of the other *Adarrus* s.l. spp., of which genital details have been depicted in the literature. The only species listed in Nast, of which no data on genital structures in the original descriptions are available, are *A. antennalis* (Haupt, 1924) from Austria and Germany, and *A. reductus* (Melichar, 1897) from Italy and Yugoslavia. Dr. Nast kindly informed me that these latter two species do not belong within the subgenus *Adarrus*.

LITERATURE

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NEDERLANDSE VERTALINGEN VAN J. H. FABRE'S PUBLICATIES. Evenals in 1976 bezocht ik in juli 1979 l'Harmas te Sérignan-du-Comtat, waar Jean-Henri Fabre (1823-1915) vanaf 1880 tot zijn dood gewerkt heeft. Sérignan is een aardig dorpje in de buurt van Orange, waar men een standbeeld voor Fabre heeft opgericht. Een bezoek is zeer de moeite waard. Men kan de werkkamer van Fabre en de prachtige tuin bezichtigen. In de tuin is een eenvoudig laboratorium gebouwd, waar entomologen uit de hele wereld kunnen komen werken. De conservator heeft een tentoonstelling ingericht van alle vertaalde werken van J. H. Fabre. Alleen Nederlandse vertalingen ontbreken nog. Het zou de conservator veel plezier doen als iemand hem die zou kunnen bezorgen. Zijn adres is: Pierre Teocchi, Harmas de J.-H. Fabre, Sérignan-du-Comtat, 84100 Orange, tel. (90)-70.00.44.

Het hoofdwerk van Fabre, „Les Souvenirs Entomologiques de J.-H. Fabre”, vermeerderd met een elfde deel over zijn leven, zal in december 1979 uitkomen. Inlichtingen bij Marcel Petit, Raphèle, 13100 Arles. — J. E. de Oude, Snijplaan 22, 's-Gravenhage.