

Location and host plant for 22 Norwegian aphids (Hemiptera)

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Unpublished localities of 22 species of aphids recorded from Norway are listed. The aphids' host plants are also given. No Norwegian localities for these aphids were mentioned by Heie in his catalogue of aphids in Fennoscandia and Denmark. Only their presence in Norway was stated.

Key words: Hemiptera, Aphididae, aphids, distribution, Norway

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INTRODUCTION

Relatively few publications exist on aphids from Norway. Jac. Fjelddalen, Christian Stenseth and Helene Tambs-Lyche have been the main contributors to our knowledge of the distribution of aphids in Norway after 1945 (Fjelddalen 1964, Stenseth 1968, 1970, Stenseth & Bakke 1968, Tambs-Lyche 1968, 1970, Tambs-Lyche & Heie 1994). Heie (1980, 1982, 1986, 1992, 1994, 1995) gives an overview of Norwegian aphids. Some additional information is given in Tambs-Lyche & Heie (1994), and they state that 329 species of aphids are reported from Norway. In Heie (1980, 1982, 1986, 1992, 1994, 1995) the distribution in Norwegian counties is listed according to the revised Strand system (Økland 1981), however for 28 aphid species only "Norway" is given with no localities specified. In the collection of aphids at Bioforsk Plant Health and Plant Protection Division information exists on the distribution in Norway of 22 of these species. This information is presented here.

MATERIAL & METHODS

All aphid specimens referred to in the present paper are in the collection at Bioforsk Plant Health and Plant Protection Division (former Statens Plantevern) mounted on glass slides for microscopy. They are all collected, labelled and identified by Christian Stenseth.

RESULTS & DISCUSSION

Table 1 shows the Norwegian localities and host plants for the 22 aphid species. For three of the species Tambs-Lyche & Heie (1994) have published a few additional localities. Nearly all localities are situated in Southern Norway, and the northern limit for the distribution of 13 species coincides largely with the corresponding distribution in Sweden (Heie 1980, 1982, 1986, 1992, 1994, 1995). However, five of the species listed in Table 1 have not been recorded from Sweden according to Heie (*Tuberculatus (Tuberculoides) neglectus*, *Aphis mirifica*, *Cryptomyzus (Ampullosiphon)*