- 15 Silverstein, R. M., in: Chemical Ecology: Odour Communication in Animals, p. 133. Ed. J. Ritter Elsevier/North-Holland Biomedical Press, Amsterdam 1979.
- 16 Braekman, J. C., Daloze, D., Dupont, A., Pasteels, J. M., Tursch, B., Declercq, J. P., Germain, G., and Van Meerssche, M., Tetrahedron Lett. 21 (1980) 2761.
- 17 Roisin, Y., Pasteels, J. M., and Braekman, J. C., Biochem. Syst. Ecol. 15 (1987) 253.
- 18 Cornu, A., and Massot, R., Compilation of Mass Spectral Data, vol. 1, p. 220. Heyden & Son, London 1975.
- 19 The α-pinene quantity was estimated by external standard method using calibration curves. The given value represents the average value of 5 measurements.
- 20 Standard α -pinene (Fluka): GC purity above 99%; the optical purity of (+)- and (-)- α -pinene were respectively 92% ($[\alpha]_D^{20} = 48^\circ$) and 85% ($[\alpha]_D^{20} = 45^\circ$), based on the value reported by Comyns, A. E., and Lucas, H. J., J. Am. chem. Soc. 79 (1957) 4339.
- 21 The calculation of absolute error takes into account the error on the rotatory power, based on 5 measurements, the estimated errors on the used volumes, and the error on the quantity of α -pinene estimated as described above.
- 22 König, W. A., Lutz, S., and Wenz, G., Ang. Chem. 100 (1988) 989.
- 23 König, W. A., Lutz, S., Mischnick-Lübbecke, P., Brassat, B., and Wenz, G., J. Chromat. 447 (1988) 193.

- 24 Olaifa, J. I., Matsumura, F., and Coppel, H. C., J. chem. Ecol. 13 (1987) 1395.
- 25 Borden, J. H., Handley, J. R., McLean, J. A., Silverstein, R. M., Chong, L., Slessor, K. N., Johnston, B. D., and Schuler, H. R., J. chem. Ecol. 6 (1980) 445.
- 26 Mustaparta, H., Angst, M. E., and Lanier, G. N., J. chem. Ecol. 6 (1980) 689.
- 27 Evans, D. A., Baker, R., and Howse, P. E., in: Chemical Ecology: Odour Communication in Animals, p. 213. Ed. F. J. Ritter. Elsevier/ North-Holland Biomedical Press, Amsterdam 1979.
- 28 Croteau, R., Chem. Rev. 87 (1987) 929.
- 29 Wheeler, C. J., and Croteau, R., J. biol. Chem. 262 (1987) 8213.
- 30 Banthorpe, D. V., Ekudayo, O., and Njar, V. C. O., Phytochemistry 23 (1984) 291.
- 31 Boevé, J. L., Stratégies défensives des larves de Nématines (Hymenoptera, Tenthredinidae) vis-à-vis de leurs prédateurs. Ph. D. Thesis, Université Libre de Bruxelles, Bruxelles 1988.

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