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SHORT COMMUNICATION

THE TRITERPENOIDS OF *TRACHELOSPERMUM ASIATICUM* VAR. *INTERMEDIUM*

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(*Received* 3 *February* 1970)

Plant. *Trachelospermum asiaticum* Nakai var. *intermedium* Nakai—Apocynaceae.
Uses. Medicinal.[1]
Previous work. On the glycosides of stems.[2,3]

The stems extracted with methanol, evaporated to small volume, diluted with water, dark residue, benzene extract of the residue separated into acidic and neutral fractions with aq. alkali. (Neutral fraction, chromatographed on silica gel, eluted by benzene): *β-amyrin acetate*, $C_{32}H_{52}O_2$, m.p., mixed m.p., NMR, TLC and i.r.; *β-amyrin*, $C_{30}H_{50}O$, m.p., mixed m.p., TLC and i.r. of alcohol and acetate; *β-sitosterol*, $C_{29}H_{50}O$–$\frac{1}{2}H_2O$, m.p., mixed m.p., TLC and i.r. of alcohol and acetate. (Acidic fraction, chromatographed on silica gel, eluted by benzene–EtOAc, 9:1): an unidentified triterpenoid, m.p. 229°, ν_{max}^{KBr} 3480 (hydroxyl) and 1690 (carboxyl) cm^{-1}, LB colour, purple to green. (Precipitation, from benzene by aq. alkali): *β-sitosterol-D-glucoside*, $C_{35}H_{60}O_6$, m.p., mixed m.p., TLC, i.r. of glucoside and glucoside acetate, hydrolysis to β-sitosterol and D-glucose.

Acknowledgements—The authors thank Dr. T. Takemoto, Tohoku University, Dr. J. Shoji, Showa University, for authentic samples and Miss M. Hasegawa for her assistance.

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