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About the cover: Our group isolated various novel terpenoids, phenolics and acetogenins possessing female spider sex pheromones, anti-oxidative, cytotoxic, apoptosis inductive and anti-HIV-1 compounds from several inedible mushrooms. In the course of the investigation of pharmacologically active substances from inedible mushrooms, two unusual new pregnane-type steroids, $2\beta,3\alpha$ -dihydroxypregna-4,7,16-trien-12,20-dione and $1\alpha,2\beta,3\alpha$ -trihydroxypregna-4,7,16-trien-12,20-dione named terresterones A and B with a known steroid stizophyllin were isolated from the Japanese mushroom *Thelephora terrestris* (Thelephoraceae). Their structures and the revision of the stereochemical assignment of stizophyllin were established by a combination of FAB-MS and high resolution NMR spectra. This is the first report on the isolation of the true pregnane-type steroid from the Fungal Kingdom. See the article by Radulović *et al.* on page 309 of this issue.

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