

TABULATED PHYTOCHEMICAL REPORTS

December 1975

This new feature has been introduced for the publication of Reports of the occurrence of relatively common or expectable compounds in plants. *Tabulated Phytochemical Reports* will appear at 6-monthly intervals in the June and December issues of *Phytochemistry*. Authors who wish to submit data for inclusion in future Tables must do so in the form of ordinary *Phytochemical Reports* marking their manuscript "Tabulate" Only two Reporters names will normally be published. It should be noted that data concerning compounds involved in primary metabolism or which have been demonstrated to be more or less universal in the taxa concerned will not be accepted.

Phyla and Family	Species and part	Compounds* reported	Reporter
Fungi Eurotiaceae	<i>Penicillium viridicatum</i>	Griseofulvin	J F Elsworth & W R. T Hemsted, Dept Organic Chem, Univ Cape Town, Rondebosch, S Africa 7700
Angiospermae Celastraceae	<i>Euonymus latifolius</i> (leaves)	Sitosterol 3-glucoside†	A Ulubelen, Fac of Pharmacy, Univ Istanbul, Turkey
Elaeocarpaceae	<i>Elaeocarpus ganitrus</i> (leaves)	Quercetin, gallic and ellagic acids (±) elaeocarpine (±) isoeleocarpine	Lal Chand, Dept of Medicinal Chemistry, Institute of Medical Sciences, Banaras Hindu Univ. Varanasi 221005, India
	<i>E. sikkimensis</i> (leaves)	Quercetin, gallic and ellagic acids	M. Sahai, Dept. of Medicinal Chemistry, Institute of Medical Sciences, Banaras Hindu Univ Varanasi 221005, India
Ericaceae	<i>Calluna vulgaris</i> (leaves)	Oraninol-glucoside, Gentisic ester, Scopoletin-7- glucoside, Procyanidin, Catechin, Epicatechin Quinic esters of <i>p</i> -coumaric, caffeic acid Sinapic and ferulic esters	J Brachet, Ecologie Végétale, Université de Paris-Sud, Centre d'Orsay, 91-Orsay, France
Gramineae	<i>Arrhenatherum elatius</i> <i>Dactylis glomerata</i> , <i>Festuca pratensis</i> , <i>F. rubra</i> , <i>Lolium perenne</i> , <i>Phleum pratense</i> , <i>Poa pratensis</i> , <i>Trisetum flavescens</i> (leaves)	Cholesterol, Campesterol, Sitosterol, Stigmasterol, Δ^7 -cholestenol and $\Delta^{7,24(28)}$ -stigma- stadienol in all 8 spp	M Pailer and P Riedl, Pharmazeutisch- chemisches Institut, Universitat, 1090 Wien, Wahringerstrasse 10 Austria

Phyla and Family	Species and part	Compounds* reported	Reporter
Leguminosae	<i>Cassia alata</i> (leaves)	1,3,8-Trihydroxy-2-methylanthraquinone	N B Mulchandani & S A Hassarajani Bio-Organic Division Bhabha Atomic Res Centre, Trombay Bombay 85 India
Lythraceae	<i>Lawsonia alba</i> (= <i>L. inermis</i>) (bark)	<i>n</i> -Triacontanyl tridecanate, lawsone	T Chakraborty, Dept of Chemistry, School of Tropical Medicine, Calcutta 700012 India
Malvaceae	<i>Hibiscus mutabilis</i> (petals)	<i>scyllo</i> -Inositol	H Arakawa & Y Masui, Science Education Institute of Osaka Prefecture, Kanta-cho, Sumiyoshi-ku, Osaka 558 Japan
Polygonaceae	<i>Fagopyrum sagittatum</i> (seeds)	Propelargonidin, Prodelphinidin	A B Durkee, Food Research Inst Research Branch, Ottawa, Ontario KIA OC6, Canada
Sterculiaceae	<i>Gauzuma tomentosa</i> (leaves)	Taraxerol	V B Pandey Medicinal Chemistry Dept., Institute of Medical Sciences, Banaras Hindu Univ Varanasi 221005, India
Umbellifereae	<i>Smyrnum rotundifolium</i> (roots)	Sitosterol 3-glucoside†	A Ulubelen Fac of Pharmacy, Univ Istanbul, Turkey

* The data given here have been abstracted with permission from a full Phytochemical Report submitted by the Reporter and his colleagues. Only the less common compounds are reported here. Any reader who wishes to obtain the evidence by which the compounds were identified or any further details can obtain a copy of the original manuscript from the Editors or the Reporters. † Previously reported as an unidentified triterpene. mp 304–7 see *Phytochemistry* **11**, 2652; **12**, 1824.