

PHYTOCHEMICAL REPORTS

INTRODUCTION

IN ORDER to try to help authors and readers alike, the Editors have decided to combine all papers dealing with reports of the isolation of previously known compounds and closely related substances, e.g. new glycosides of known aglycones from new sources into one continuous section with an index. Eventually it is hoped that the data may be presented in tabular form. Contributors wishing to submit papers for conclusion in future issues should try to reduce their contributions to the minimum necessary for adequate presentation. This will ensure rapid publication.

INDEX

Reports are grouped first according to the main Divisions and Classes of the plant kingdom. Within each group, reports are listed alphabetically by family. Only major constituents are given here and new compounds are indicated by a dagger.

DICOTYLEDONAE

Anacardiaceae	<i>Mangifera indica</i>	β -Glucogallin and gallotannins
Compositae	<i>Ambrosia</i> spp. (16)	Known sesquiterpene lactones
	<i>Sonchus</i> spp. (20)	Luteolin-7-glucoside, cichoriin, aesculin and scopoletin
Ericaceae*	<i>Lyonia ovalifolia</i> *	Hexacosane, hexacosanol, β -sitosterol and taraxerol
Euphorbiaceae*	<i>Rhododendron niveum</i> *	β -Sitosterol and friedelin
	<i>Croton sparsiflorus</i> *	β -Sitosterol and taraxerol
Fagaceae	<i>Quercus rubra</i>	Sixteen phenolic compounds (tannins, aldehydes, lignans). Lyoni-side identified
Gesneriaceae	<i>Sarmienta repens</i>	Hentriacontane, lupenone, daucosterin and β -sitosterol
Guttiferae	<i>Kielmeyera rubriflora</i>	Six hydroxyxanthones including 1,7-dimethoxy-2,3,8-trihydroxy-xanthone
Lauraceae*	<i>Actinodaphne augustifolia</i> *	Hentriacontol, hentriacontanone β -sitosterol and quercetin-3-rhamnoside
Leguminosae	<i>Cassia jahnii</i>	C ₂₂ -C ₂₈ even alcohols, β -sitosterol, cassine and dihydrocassine

* Families and species so marked are collected together in one report under 'Ericaceae and other families'.

† New compounds reported.

Leguminosae	<i>C. javanica</i>	Glycosides of quercetin-3',4',7-trimethyl ether dihydrosamnetin, leucocyanidin-4-methyl ether and Kaempferol†
	<i>Swartzia madagascariensis</i>	Oleanolic and <i>O</i> -acteloleanolic acids (swartziagenin)
Lythraceae*	<i>Duabanga sonneratioides</i> *	Hentriacontanol and β -sitosterol
Rosaceae*	<i>Chaenomeles speciosa</i>	Cyanidin and pelargonidin glycosides including new 3- <i>O</i> -biosides†
	<i>Pyrus pashia</i> *	Hentriacontanol, β -sitosterol friedelin, aborinol and α -amyrin
Rubiaceae*	<i>Hedyotis auricularia</i> *	β -Sitosterol, stigmasterol oleanolic and ursolic acids
Rutaceae*	<i>Glycosmis mauritiana</i> *	Hentriacontane, hentriacontanol friedelin and vitexin
	<i>Micromelum pubescens</i> *	Hentriacontane, hentriacontanol β -sitosterol

MONOCOTYLEDONAE

Orchidaceae	<i>Arundia Cattleia</i>	Steroids and triterpenoids
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