

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 inclusion in future issues should try to reduce their contributions to the minimum necessary for adequate presentation. This will ensure rapid publication.

Note. In future, papers will NOT be accepted for publication in Phytochemical Reports unless all the plants examined have had properly deposited voucher specimens prepared. The herbarium and the deposition number should be quoted.

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 an asterisk.

BRYOPHYTA

Hepaticae	<i>Anastrepta</i> spp., <i>Barbilophozia</i> spp. and <i>Gymnocolea inflata</i>	β -Sitoesterol and several crystalline new compounds*
Musci	<i>Abietinella abietina</i> , <i>Plagiothecium undulatum</i> and <i>Tortella inclinata</i> <i>Fontinalis antipyretica</i>	β -Sitostrol, ceryl alcohol and other compounds Hexenal, tetracosanoic and many volatiles

LYCOPSIDA

Selaginellaceae	<i>Selaginella</i> spp.	Amentoflavone, hinokiflavone and related biflavones
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SPHENOPSIDA

Equisetaceae	<i>Equisetum telmateia</i>	Gossypitrin
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GYMNOSPERMAE

Pinaceae	<i>Pinus elliottii</i> <i>Pseudotsuga menziesii</i>	Imbricataloic acid* β -Sitosterol, campesterol
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ANGIOSPERMAE DICOTYLEDONAE

Anonaceae	<i>Annona senegalensis</i>	Kaur-16-en-19-oic acid and related compounds
Apocynaceae	<i>Trachelospermum</i> spp.	Lignan glucosides, dambonitol
Aristolochiaceae	<i>Asarum asaroides</i>	Acylated cyanidin and peonidin gentiobiosides
Bignoniaceae	<i>Zeyhera tuberculosa</i>	5,6,7-Tri- and 5,6,7,8-Tetra-methoxyflavone
Cercidiphyllaceae	<i>Cercidiphyllum japonicum</i>	Maltol
Chenopodiaceae	<i>Salsola tetrandra</i>	Triacetoneamine, betaine
Compositae	<i>Achillea sibirica</i>	Camphor, chamazulene and desacetylmatricarin
	<i>Farfugium japonicum</i>	Senkirkine
Ericaceae	<i>Arbutus menziesii</i>	Lupeol and β -sitosterol
Euphorbiaceae	<i>Excoecaria agallocha</i>	β -Amyrin and related compounds: C ₂₄ -C ₃₂ fatty acids
Labiatae	<i>Ocimum gratissimum</i>	Thymol, <i>p</i> -cymene and related monoterpenes
Lauraceae	<i>Cinnamomum</i> , <i>Lindera</i> and <i>Litsea</i> spp.	<i>n</i> -Paraffins, C ₁₆ -C ₃₃
	<i>Lindera citriodora</i>	Palmitone
	<i>Machilus japonica</i>	Caryophyllene, β -phellandrene and other terpenes
Leguminosae	<i>Crotalaria saltiana</i>	Chrysoeriol-7-rutinoside
	<i>Desmodium triflorum</i>	β -Phenethylamine, Dimethyltryptophan and related alkaloids
	<i>Samania saman</i>	α -Spinasterol, kaempferol, Hentriacontane, octacosanol
	<i>Trifolium pannonicum</i>	Hispidulin and luteolin glycosides
Malvaceae	<i>Gossypium hirsutum</i>	<i>cis</i> -3-Hexen-1-ol and related alcohols
Nyctaginaceae	<i>Boerhaavia diffusa</i>	β -Sitosterol, ursolic acid and hentriacontane
Phytolaccaceae	<i>Phytolacca americana</i>	3-Acetyloleanolic acid
Ranunculaceae	<i>Aconitum violaceum</i>	Indaconitine
Rutaceae	<i>Fagara leprieurii</i>	Chelerythrine and related compounds: 1-hydroxy-3-methoxy-10-methylacridan-9-one*
	<i>Fagara viridis</i>	Canthin-6-one, Chelerythrine and nitidine
	<i>Oricia suaveolens</i>	Oricine*
	<i>Orixa japonica</i>	Friedelin, xanthotoxin, bergapten, monoterpenes

Saurureaceae	<i>Anemopsis californica</i>	(+)-Asarinin
Staphyleaceae	<i>Euscaphis japonica</i>	Kaempferol, quercetin and cyanidin glycosides
Simarubaceae	<i>Ailanthus excelsa</i>	Vitexin and β -sitosterol
Umbelliferae	<i>Ligusticum seguieri</i>	(S)-(—)-Oxypeucedanin* and other furanocoumarins
Valerianaceae	<i>Valeriana officinalis</i>	Actinidine
Zingiberaceae	<i>Aframomum giganteum</i>	3-O-Methyl flavonoids: β -sitosterol, etc.
Zygophyllaceae	<i>Peganum harmala</i>	4-Hydroxypipelicolic acid