

	<i>Plagiothecium</i>	<i>Herzogiella</i>	<i>Isopterygium</i>	<i>Pseudotaxiphyllum</i>	<i>Isopterygiopsis</i>	<i>Taxiphyllum</i>
decurrent	yes	not, 1-3 cells, or dec	not or 1-2 cells	not or 1-2 cells	not or 1-2 cells	not dec
leaf margins	ent, srl, srt apex	srl, srt to mid	ent, srl, srt above	ent, srl mid to apex	ent, srl, srt all	srl, srt all
leaf cells	smth, minute ruf	smooth	smth, prorulose	smth, prorulose	smth, prorulose	smth, prorulose
outer cells stem	lge, thin wall	lge, thin wall	sml, thick wall	sml, thick wall	lge or sml, thin wall	sml, thick wall
pseudoparaphyllia	none	none	filamentous	none	none	foliose
sex	autoicous, dioicous	autoicous	autoicous	autoicous, dioicous	autoicous	dioicous
capsules dry	smth, wrnkld, striate	striate, rarely smth	smth, sometimes wrnkld	smth, sometimes wrnkld	smth, sometimes wrnkld	smth, sometimes wrnkld
operculum	conic, long rostrate	conic, shrt rostrate	conic, shrt rostrate	conic, shrt rostrate	conic	long-rostrate
brood bodies	cylindric 2-7 cells often	none	filiform papillose lf axl	branchlets lf axl	cylindric 2-5 cells occ.	none
complanate	yes or not	yes or not	complanate	complanate	somewhat to yes	often
alar cells		abruptly inflated, or no diff	lax, some enlge, oblong			
rhizoids	smooth or minutely papillose,	sparse, papillose leaf axils or below & base of stems	smooth, ventral stem & branch below leaves	smooth clusters proximal leaf insertions	papillose clusters, leaf axils	smooth clusters below leaves
leaves	1-3mm	1.2-1.6 mm	.7-1.7 mm	1.1-2 mm	.7-1.5 mm	1.2-2.5mm
axillary hairs		2 brown short basal + 2 hyaline long apical cells	2 cells, base brownish short, apical long	not observed	hyaline 3 celled basal cell shorter	1-2 short brown basal + apical hyaline
Ireland '69	<i>denticulatum</i> CA1101, L317 <i>laetum</i> CA1101, L318 <i>latebricola</i> CA1090 <i>piliferum</i> L318 <i>cavifolium</i> CA1098, L319 <i>undulatum</i> L320	<i>seligeri</i> L 316 <i>striatella</i> CA1192 <i>turfacea</i> CA1192, L316	<i>tenerum</i> CA 1179	<i>distichaceum</i> CA1179 <i>elegans</i> CA1177, L315	<i>muellerianum</i> CA1184 <i>pulchella</i> CA1176, L315	<i>alternans</i> CA1191 <i>cupidifolium</i> CA1181 <i>deplanatum</i> CA1188 <i>taxirameum</i> CA 1188
'90 ACB	<i>berggrenianum</i> bfna	<i>adscendens</i>		<i>homomallifolium</i> sce1031	<i>alpicola</i> bfna	
'06 bfna web	<i>Buckiella undulata</i>		<i>tenerifolium</i> bfna			
Abbreviations	asym - asymmetric diff - difference ent-entire infltd - inflated lge - large occ. - occasionally shrt - short sml - small srl - serrulate srt - serrate wrnkld - wrinkled	CA - Crum & Anderson L - Lawton sce - Sharp, Crum, Eckel ACB - Anderson, Crum & Buck vgna = Bryological Flora of North America				