Pteridophytes in Sri Lanka

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Sri Lanka's pteridophytes are important both on a regional and global scale. Geographical isolation and a wide range of climatic, elevational, and habitat types in Sri Lanka have resulted in the rich diversity of pteridophytes (Ferns and Lycophytes) and exceptionally the high level of endemism (Ranil and Pushpakumara, 2012). As Fraser-Jenkins, (1984, 2010) stated the species found in the Sri Lankan/south Indian, or "Hindulankan" region, show a strong affinity with the Malaysian flora in South East Asia, the Sino-Himalayan flora in north east India and to a lesser degree with African elements in East Africa, Madagascar, the Mascarenes, and Seychelles.

Shaffer-Fehre (2006) reported the occurrence of 351 taxa including 48 endemics in the flora of Ceylon. Though the *Revised Handbook to the Flora of Ceylon* was compiled in 1995, it was published later in 2006. Important taxonomic changes proposed after 1995 were therefore not included in it (Ranil et al., 2016). The National Red List 2012 (Ranil and Pushpakumara, 2012) was also entirely based on the list provided in the *Hand book*. Ranil et al. (2016) have considered some of the changes made during the last two decades in their evaluation of the endemic pteridophyte flora in Sri Lanka and have confirmed 47 taxa as Sri Lankan endemics.

The National Red List of pteridophytes -2020 was based on the updated checklist of pteridophyte flora in Sri Lanka compiled by Ranil et al., (2020) as a result of reviewing studies in India and other phytogeographically related areas. The list contains 392 taxa including 42 endemics. Of these, we have evaluated here 350 native taxa using IUCN Red Listing Criteria to identify the conservation status of each taxon in the present work. Naturalized species, hybrids and taxonomically doubtful species were excluded. Table 11 shows a comparison of the number of taxa under each category between National Red Lists 2012 and 2020. It indicates the severity of threat level and the immediate necessity of setting conservation priorities and management goals.

Over the last two decades, the number of pteridophytes has changed significantly due to recently conducted pteridological studies in India and also due to the re-identification of previously misidentified species (see Fraser-Jenkins, 2008 and Fraser-Jenkins et al. 2016, 2018, 2020) which are in some cases unknown from herbarium records. We have tried to include all such information and hence the total number of taxa has increased by 15 in the current list.

We follow here the PPG-I (2016) classification system to list most of the taxa. For some taxonomic groups, recently published taxonomic changes were also considered when necessary. Even though the *Revised Handbook to the Flora of Ceylon*- volume 15 (A and B) is taxonomically out of date, it is still valid and widely used due to its carefully and accurately prepared species descriptions (Ranil et al., 2020). When a different name is adopted in the current list, the corresponding name used in the *Hand book* is therefore given in parenthesis [FC(A) and FC(B)]. In the same way, the different names used in the taxonomically orientated *Checklist of Indian Pteridophytes* Parts 1, 2 and 3 (Fraser-Jenkins et al. 2016, 2018, 2020.) are also given in parenthesis [CIP(1), CIP(2)] and CIP (3). Endemic species are in **bold-face**. We aim for the current list to provide an accurate scientific basis for future research and conservation activities concerning Sri Lanka's unique pteridophyte diversity.

Table 10. A comparison of the conservation-status of Pteridophyte species between 2012 and 2020

Conservation-status	National Red List (2012)	National Red List (2020)
Critically Endangered (Possibly Extinct)	20	25
Critically Endangered	41	49
Endangered	87	87
Vulnerable	71	71
Near Threatened	40	38
Least Concern	67	64
Data Deficient	09	16
Total No. of taxa	**335**	**350**

Table: 11. Summary of the Status of Pteridophytes in Sri Lanka
(Endemics are shown in bracket; Species and Sub species[!] are noted separately)

Family	EX	EW	CR (PE)	CR	EN	VU	NT	DD	LC	Total Threatened Taxa	Total Taxa
Aspleniaceae			3 (1)	3	6 (1) 1[!]	6 1[!]	5 1[!]	 1[!]	5	15 (1) 2[!]	28 (2) 4[!]
Athyriaceae				4 (2)	10 (2)	7 1[!]	3 (1) 1[!]	2 3[!]	2	21 (4) 1[!]	28 (5) 5[!]
Blechnaceae					1	1 1[!]			2	2 1[!]	4 1[!]
Cyatheaceae				2 (2)	4 (2)	1 (1)				7 (5)	7 (5)
Davalliaceae			2	1	1	1			1	3	6
Dennstaedtiaceae			3	2	1	1		1	3	4	11
Diplaziopsidaceae					1					1	1
Dryopteridaceae			2 (1)	7 2 (2)[!]	12 (3) 1[!]	7 (3) 3 (1)[!]	3 (1)	1	2 (1)	26 (6) 6 (3)[!]	34 (9) 6 (3)[!]
Equisetaceae					1					1	1
Gleicheniaceae									2	0	2
Grammitidoideae			2	6 (3)	3	6 (3)	2 (2)		3	15 (6)	22 (8)
Hymenophyllaceae				5	9	5 (1)	1			19 (1)	20 (1)
Hypodematiaceae					1			1		1	2
Isoetaceae						1				1	1
Lindsaeaceae				5 (1)	4	2			2 1[!]	11 (1)	13 (1) 1[!]
Lycopodiaceae				1	6	3	1	1	1	10	13
Lygodiaceae						1	1		1	1	3
Marattiaceae					1				2	1	3
Marsileaceae				1					1	1	2
Nephrolepidaceae				1		1	1		1	2	4
Oleandraceae						1				1	1
Ophioglossaceae				1	8					9	9
Osmundaceae					1					1	1
Polypodiaceae			3 (1)	4 1[!]	3	1	5 (1)	3	10 (1) 1[!]	8 1[!]	30 (3) 2[!]
Psilotaceae						1				1	1
Pteridaceae			7	1	4 1[!]	9	8 2[!]	6 2[!]	14 2[!]	14 1[!]	50 7[!]
Salviniaceae									1 1[!]	0	1 1[!]
Schizaeaceae							1			0	1
Selaginellaceae						3 (1)	4 (3)		2	3 (1)	9 (4)
Tectariaceae			1	1	3	3 (1)			3	7 (1)	11 (1)
Thelypteridaceae			2 (1)	3 (1)	7 (1)	10	3	1	5	20 (2)	31 (3)
TOTAL 31			**25 (4)**	**49 (9) 3 (2)[!]**	**87 (9) 3[!]**	**71 (10) 6 (1)[!]**	**38 (8) 5[!]**	**16 6[!]**	**64 (2) 4[!]**	**207 (28) 12 (3)[!]**	**350 (42) 27 (3)[!]**

Table: 12. List of Pteridophytes in Sri Lanka

(Endemic species are marked in **bold** letters)

LYCOPHYTES				
Family/Scientific Name	**Synonyms/Other Names**	**Common Names**	**NCS**	**Criteria**
Family: Lycopodiaceae P.Beauv. ex Mirb.				
Huperzia ceylanica (Spring) Trevis.		S: Kuda-hedaya	EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Huperzia javanica (Sw.) C.Y.Yang.	*Huperzia serrata* auct., non (Thunb.) Trevis.[FC(A)]		EN	B1ab (i,ii,iii) +2ab(i,ii,iii)
Lycopodium japonicum Thunb.			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Lycopodium wightianum Grev. & Hook.			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Palhinhaea cernua (L.) Franco & Vasc.	*Lycopodiella cernua* (L.) Pic.Serm. [FC(A)/CIP(1)]	S: Badal-hanassa, Badal wanassa	LC	
Phlegmariurus hamiltonii (Spreng.) A.Löve & D. Löve	*Huperzia hamiltonii* (Spring) Trevis. [FC(A)/CIP(1)]	S: Kuda- hedaya	EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Phlegmariurus nilagiricus (Spring) A.R.Field & Bostock	*Huperzia hilliana* (Nessel) Holub *Huperzia nilagirica* (Spring) R.D.Dixit[CIP(1)]		DD	
Phlegmariurus phlegmaria (L.) Holub	*Huperzia phlegmaria* (L.) Rothm.[FC(A)/CIP(1)]	S: Maha-hedaya	VU	B1ab(i,ii,iii)
Phlegmariurus phyllanthus (Hook. & Arn.) R.D.Dixit	*Huperzia phyllantha* (Hook. & Arn,) Holub[FC(A)/CIP(1)]	S: Maha-hedaya	VU	B1ab(i,ii,iii)
Phlegmariurus pinifolius (Trevis.) Kiew	*Huperzia pinifolia* Trevis.[FC(A)]	S: Kuda-hedaya	CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Phlegmariurus pulcherrimus (Hook. & Grev.) A.Löve & D.Löve	*Huperzia pulcherrima* (Wall. ex Hook. & Grev.) Pic.Serm.[FC(A)/CIP(1)]	S: Kuda-hedaya	VU	B1ab(i,ii,iii)
Phlegmariurus squarrosus (G.Forst.) A.Löve & D.Löve	*Huperzia squarrosa* (G.Forst.) Trevis. [FC(A)/CIP(1)]	S: Kuda-hedaya	EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Pseudolycopodiella caroliniana (L.) Holub	*Lycopodiella caroliniana* (L.) Pic.Serm. [FC(A)/CIP(1)]		NT	
Family: Isoetaceae Dumort.				
Isoetes coromandelina L.f.			VU	B1ab(i,ii,iii)
Family: Selaginellaceae Willk.				
Selaginella calostachya (Hook. & Grev.) Alston			NT	
Selaginella ciliaris (Retz.) Spring			LC	
Selaginella cochleata (Hook. & Grev.) Spring			LC	
*Selaginella crassipe*s Spring			NT	
Selaginella involvens (Sw.) Spring			VU	B1ab(i,ii,iii)
Selaginella latifolia (Hook. & Grev.) Spring			VU	B1ab(i,ii,iii)
Selaginella ornithopodioides (L.) Spring	*Selaginella intergerrima* (Hook. & Grev.) Sring[FC(B)]		NT	
Selaginella praetermissa Alston			NT	
Selaginella wightii Hieron.			VU	B1ab(i,ii,iii)

Family/Scientific Name	**Synonyms/Other Names**	**Common Names**	**NCS**	**Criteria**
FERNS				
Family: Equisetaceae Michx. ex DC				
Equisetum ramosissimum Desf.	*Eqisetum debile* Roxb. ex Vaucher Holub[FC(A)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Family: Psilotaceae J.W.Griff & Henfr.				
Psilotum nudum (L.) P.Beauv.			VU	B1ab(i,ii,iii)
Family: Ophioglossaceae Martinov				
Helminthostachys zeylanica (L.) Hook.		S: Thani-wel	EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Japanobotrychum lanuginosum (Wall. ex Hook. & Grev.) M.Nishida ex Tagawa	*Botrychium lanuginosum* Wall. ex Hook. & Grev.[FC(A)/CIP(1)]		CR	B1ab(i,ii,iii)
Ophioderma pendula (L.) C.Presl.	*Ophioglossum pendulum* L.[FC(A)/CIP(1)]	S: Pati-dhatu	EN	B1ab(i,ii,iii)
Ophioglossum costatum R.Br.		S: Ek-Pethi-Pium	EN	B1ab(i,ii,iii)
Ophioglossum gramineum Willd.			EN	B2ab(i,ii,iii)
Ophioglossum parvifolium Grev. & Hook.	*Ophioglossum nudicaule* auct., non L.f.[FC(A)]	S: Diya-gabbalu	EN	B2ab(i,ii,iii)
Ophioglossum petiolatum Hook.			EN	B2ab(i,ii,iii)
Ophioglossum reticulatum L.			EN	B2ab(i,ii,iii)
Sceptridium daucifolium (Wall. ex Hook. & Grev.) Lyon	*Botrychium daucifolium* Wall. ex Hook. & Grev.[FC(A)/CIP(1)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Family: Marattiaceae Kaulf.				
Angiopteris crassipes Wall. ex C.Presl.			LC	
Angiopteris helferiana C.Presl.			LC	
Ptisana fraxinea (Sm.) Murdock	*Marattia fraxinea* Sm.[FC(A)/CIP(1)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Family: Osmundaceae Martinov				
Plenasium angustifolium (Ching) A.E.Bobrov	*Osmunda angustifolia* Ching[CIP(1)] *Osmunda collina* Sledge [FC(A)]		EN	B2ab(i,ii,iii)
Family: Hymenophyllaceae Link.				
Abrodictyum obscurum (Blume) Ebihara & K.I wats.	*Selenodesmium obscurum* (Blume) Copel.[FC(A)] *Trichomanes obscurum* Blume[CIP(1)]		VU	B1ab(i,ii,iii)
Crepidomanes bilabiatum (Nees & Blume) Copel.	*Trichomanes bilabiatum* Nees & Blume[CIP(1)]		CR	B1ab(i,ii,iii)
Crepidomanes intramarginale (Hook. & Grev.) Copel.	*Trichomanes intramarginal*e Hook. & Grev.[CIP(1)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Crepidomanes kurzii (Bedd.) Tagawa & K.Iwats.	*Trichomanes kurzii* Bedd.[CIP(1)]		CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Crepidomanes latealatum (Bosch) Copel.	*Trichomanes latealatum* (Bosch) Christ[CIP(1)]		CR	B1ab(i,ii,iii)
Crepidomanes minutum (Blume) K.Iwats.	*Gonocormus prolifer* (Blume) Prantl [FC(A)] *Trichomanes minutum* Blume[CIP(1)]		EN	B2ab(i,ii,iii)
Crepidomanes saxifragoides (C.Presl) P.S.Green	*Gonocormus saxifragoides* (C.Presl) Bosch[FC(A)] *Trichomanes saxifragoides* C.Presl [CIP(1)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Crepidomanes campanulatum (Roxb.) Panigrahi & Sarn.Singh	*Trichomanes campanulatum* Roxb.[CIP(1)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)

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Didymoglossum bimarginatum (Bosch) Ebihara & K.Iwats.	*Microgonium bimarginatum* Bosch[FC(A)] *Trichomanes bimarginatum* (Bosch) Bosch[CIP(1)]		EN	B2ab(i,ii,iii)
Didymoglossum exiguum (Bedd.) Copel	*Trichomanes exiguum* (Bedd.) Baker[CIP(1)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Didymoglossum motleyi (Bosch) Ebihara & K. Iwats.	*Microgonium motleyi* Bosch[FC(A)] *Trichomanes motleyi* (Bosch) Bosch[CIP(1)]		CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Didymoglossum wallii (Thwaites) Copel.			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Hymenophyllum badium Hook. & Grev.			CR	B1ab(i,ii,iii)
Hymenophyllum denticulatum Sw.	*Meringium denticulatum* (Sw.) Copel.[FC(A)]		VU	B1ab(i,ii,iii)
Hymenophyllum gardneri Bosch	*Mecodium gardneri* (Bosch) Jayasekara [FC(A)]		VU	B1ab(i,ii,iii)
Hymenophyllum javanicum Sperng.	*Mecodium javanicum* (Spreng.) Copel.[FC(A)]		VU	B1ab(i,ii,iii)
Hymenophyllum macroglossum Bosch	***Meringium macroglossum*** (Bosch) Copel. [FC(A)]		VU	B1ab(i,ii,iii)
Hymenophyllum nitidulum (Bosch) Ebihara & K.Iwats.	*Microtrichomanes nitidulum* (Bosch) Copel. [FC(A)] *Trichomanes nitidulum* Bosch[CIP(1)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Hymenophyllum pallidum (Blume) Ebihara & K. Iwats.	*Pleuromanes pallidum* (Blume) C.Presl.[FC(A)] *Trichomanes pallidum* Blume[CIP(1)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Hymenophyllum tenellum D.Don	*Mecodium polyanthos* sensu auct. Asiat., non (Sw.) Copel.[FC(A)]		NT	
Family: Gleicheniaceae C.Presl.				
Dicranopteris linearis (Burm.f.) Underw.		S: Kakilla	LC	
Dicranopteris taiwanensis Ching & P.S.Chiu	*Dicranopteris linearis* var. *montana* Holttum [FC(1)]	S: Kakilla	LC	
Family: Lygodiaceae C.Presl.				
Lygodium circinnatum (Burm.f.) Sw.		S: maha-pamba	VU	B1ab(i,ii,iii)
Lygodium flexuosum (L.) Sw.		S: Pamaba-wel	NT	
Lygodium microphyllum (Cav.) R.Br.		S: Pamaba-wel	LC	
Family: Schizaeaceae Kaulf.				
Actinostachys digitata (L.) Wall.	*Schizaea digitata* (L.) Sw.[FC (B)/CIP(1)]		NT	
Family: Salviniaceae Martinov				
Azolla pinnata R.Br. subsp. *asiatica* R.M.K.Saunders & K.Fowler	*Azolla pinnata* R.Br.[FC(B)]		LC	

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Family: Marsileaceae Mirb.				
Marsilea coromandelina Willd.			CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Marsilea minuta L.		S: Hathara-pethiya	LC	
Family: Cyatheaceae Kaulf				
Alsophila hookeri (Thwaites) R.M.Tryon	***Cyathea hookeri*** Thwaites[FC(A)]	S: Gini-hota, Gini-watara	EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Alsophila sinuata (Hook. & Grev.) R.M.Tryon	***Cyathea sinuata*** Hook. &Grev. [FC(A)]	S: Gini-hota, Gini-watara	EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Alsophila sledgei (Ranil, Pushpakumara & Fraser-Jenk.) Ranil	***Cyathea sledgei*** Ranil, Pushpakumara & Fraser-Jenk.	S: Gini-hota, Gini-watara	CR	B2ab(i,ii,iii)
Alsophila srilankensis (Ranil) Ranil	***Cyathea srilankensis*** Ranil	S: Gini-hota, Gini-watara	CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Alsophila walkerae (Hook.) J.Sm.	***Cyathea walkerae*** Hook [FC(A)]	S: Gini-hota, Gini-watara	VU	B1ab(i,ii,iii)
Gymnosphaera gigantea (Wall. ex Hook.) S.Y.Dong	*Cyathea gigantea* (Wall. ex Hook.) Holttum[FC(A)/CIP(1)]	S: Gini-hota, Gini-watara	EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Sphaeropteris crinita (Hook.) R.M.Tryon	*Cyathea crinita* (Hook.) Copel.[FC(A)/ CIP(1)]	S: Gini-hota, Gini-watara	EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Family: Lindsaeaceae C.Presl ex M.R.Schomb.				
Lindsaea bonii Christ			EN	B1ab(i,ii,iii)
Lindsaea cultrata (Willd.) Sw.			VU	B1ab(i,ii,iii)
Lindsaea ensifolia Sw.			LC	
Lindsaea glandulifera Alderw.			CR	B1ab(i,ii,iii)
Lindsaea heterophylla Dryand.			CR	B2ab(i,ii,iii)
Lindsaea orbiculata (Lam.) Mett. ex Kuhn			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Lindsaea pectinata Blume	*Lindsaea repens* (Bory) Thwaites var. *pectinata* (Blume) Mett. ex Kuhn [FC(A)]		CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Lindsaea schizophylla (Baker) Christ			CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Lindsaea venusta Kaulf. ex Kuhn			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Lindsaea walkerae Hook.			CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Nesolindsaea caudata (Hook.) Lehtonen & Christenh.	*Lindsaea caudata* Hook.[FC(A)]		VU	B1ab(i,ii,iii)
Odontosoria chinensis (L.) J.Sm. subsp. *tenuifolia* (Lam.) Fraser-Jenk. & Kandel	*Sphenomeris chinensis* (L.) Maxon [FC(A)]		LC	
Osmolindsaea odorata (Roxb.) Lehtonen & Christenh.	*Lindsaea odorata* Roxb.[FC(A)/CIP(1)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)

Family/Scientific Name	Synonyms/Other Names	Common Names	NCS	Criteria
Family: Pteridaceae E.D.M.Kirchn.				
Acrostichum aureum L.			LC	
Acrostichum speciosum Willd.			DD	
Actiniopteris radiata (Sw.) Link			VU	B1ab(i,ii,iii)
Adiantum capillus-veneris L.			LC	
Adiantum caudatum L.		S: Thuda-vediya	LC	
Adiantum flabellulatum L.			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Adiantum hispidulum Sw.			LC	
Adiantum incisum Forssk. subsp. *indicum* (J.Ghatak) Fraser-Jenk.	*Adiantum indicum* J.Ghatak[FC(B)]		NT	
Adiantum philippense L.			LC	
Adiantum poiretii Wikstr.			CR (PE)	
Adiantum zollingeri Mett. ex Kuhn			LC	
Aleuritopteris anceps (Blanf.) Panigrahi	*Cheilanthes anceps* Blanf.[FC(B)]		VU	B1ab(i,ii,iii)
Aleuritopteris bicolor (Roxb.) Fraser-Jenk.	*Cheilanthes bicolor* (Roxb.) Griff. ex Fraser-Jenk.[FC(B)]		DD	
Aleuritopteris bullosa (Kunze) Ching	*Cheilanthes bullosa* Kunze [FC(B)]		VU	B1ab(i,ii,iii)
Aleuritopteris formosana (Hayata) Tagawa			DD	
Aleuritopteris wollenweberi Fraser-Jenk.	*Cheilanthes krameri* auct., non Franch. & Sav.[FC(B)]		VU	B1ab(i,ii,iii)
Anogramma leptophylla (L.) Link			CR(PE)	
Antrophyum plantagineum (Cav.) Kaulf.			NT	
Antrophyum reticulatum (G.Forst.) Kaulf.			LC	
Ceratopteris cornuta (P.Beauv.) Lepr.			DD	
Ceratopteris thalictroides (L.) Brongn. subsp. *thalictroides*			NT	
Doryopteris concolor (Langsd. & Fisch.) Kuhn			NT	
Haplopteris elongata (Sw.) E.H.Crane	*Vittaria elongata* Sw.[FC(B)/CIP(1)]		NT	
Haplopteris microlepis (Hieron) Mazumdar	*Vittaria microlepis* Hieron.[FC(B)/CIP(1)]		NT	
Haplopteris scolopendrina C.Presl	*Vittaria scolopendrina* (Bory) Thwaites[FC(B)/CIP(1)]		NT	
Haplopteris zosterifolia (Willd.) E.H.Crane	*Vittaria zosterifoli*a Willd.[CIP(1)]		DD	
Coniogramme serrulata (Blume) Fée	*Conigramme serra* Fée[FC(B)]		VU	B1ab(i,ii,iii)

Family/Scientific Name	Synonyms/Other Names	Common Names	NCS	Criteria
Oeosporangium elegans (Poir.) Fraser.-Jenk. & Pariyar	*Cheilanthes opposita* Kaulf. [FC(B)]		LC	
Oeosporangium tenuifolium (Burm.f.) Fraser-Jenk. & Pariyar	*Cheilanthes tenuifolia* (Burm.f.) Sw. [FC(B)]		LC	
Oeosporangium thwaitesii (Mett. ex Kuhn) Fraser-Jenk.	*Cheilanthes thwaitesii* Mett. ex Kuhn[FC(B)]		LC	
Parahemionitis cordata (Roxb. ex Hook. et Grev.) Fraser-Jenk.	*Parahemionitis arifolia* (Burm.f.) Panigrahi[FC(B)] *Mickelopteris cordata* (Roxb. ex Hook. & Grev.) Fraser-Jenk.[CIP(1)]		LC	
Pellaea boivinii Hook.			CR(PE)	
Pellaea falcata (R.Br.) Fée			CR(PE)	
Pteris argyraea T.Moore	*Pteris confusa* T.G.Walker [FC(B)]		VU	B1ab(i,ii,iii)
Pteris biaurita L. subsp. *fornicata* Fraser-Jenk.			DD	
Pteris biaurita L. subsp. *walkeriana* Fraser-Jenk.	*Pteris biaurita* L.[FC(B)]		LC	
Pteris cretica L. subsp. *cretica*			EN	B2ab(i,ii,iii)
Pteris cretica L. subsp. *laeta* (Wall. ex Ettingsh.) Fraser-Jenk.			DD	
Pteris ensiformis Burm.f.			LC	
Pteris gongalensis T.G.Walker			CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Pteris hookeriana J.Agardh	*Idiopteris hookeriana* (J.Agardh) T.G.Walker[FC(B)]		NT	
Pteris mertensioides Willd.			CR(PE)	
Pteris multiaurita J.Agardh			LC	
Pteris otaria Bedd.	*Pteris quadriaurita* x *P. multiaurita* [FC(B)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Pteris pellucens J.Agardh	*Pteris longipes* sensu auct., non D.Don[FC(B)]		CR(PE)	
Pteris praetermissa T.G.Walker			VU	B1ab(i,ii,iii)
Pteris quadriaurita Retz.			LC	
Pteris tripartita Sw.			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Pteris vittata L. subsp. *vittata*			LC	
Taenitis blechnoides (Willd.) Sw.			VU	B1ab(i,ii,iii)
Vaginularia junghuhnii Mett.	*Monogramma paradoxa* acut., non (Fée) Bedd.[FC(B)]		CR(PE)	
Pteris reptans T.G.Walker			VU	B1ab(i,ii,iii)

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Family: Dennstaedtiaceae Lotsy				
Dennstaedtia zeylanica (Sw.) Zink ex Fraser-Jenk.	*Dennstaedtia scabra* (Wall. ex Hook.) T.Moore[FC(A)]		VU	B1ab(i,ii,iii)
Histiopteris incisa (Thunb.) J.Sm.			LC	
Hypolepis resistens (Kunze) Hook.	*Hypolepis glandulifera* Brownsey & Chinnock[FC(A)]		LC	
Microlepia firma Mett. ex Kuhn	*Microlepia dubia* auct., non (Roxb.) C.V.Morton[FC(A)]		CR(PE)	
Microlepia hallbergii (d'Almeida) C.Chr.			DD	
Microlepia majuscule (E.J.Lowe) T.Moore			CR(PE)	
Microlepia platyphylla (D.Don) J.Sm.			CR(PE)	
Microlepia rhomboidea (Hook.) C.Presl ex Prantl			CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Microlepia speluncae (L.) T.Moore			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Microlepia strigosa (Thunb.) C.Presl			CR	B2ab(i,ii,iii)
Pteridium revolutum (Blume) Nakai		S: Waralla, An-kakilla, Monara-kakilla	LC	
Family: Diplaziopsidaceae X.C.Zhang & Christenh.				
Diplaziopsis javanica (Blume) C.Chr	*Diplazium javanicum* (Blume) Makino[FC(B)/CIP(1)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Family: Aspleniaceae Newman				
Asplenium aethiopicum (Burm.f.) Bech. subsp. *aethiopicum*			VU	B1ab(i,ii,iii)
Asplenium affine Sw.			VU	B1ab(i,ii,iii)
Asplenium decrescens Kunze			LC	
Asplenium disjunctum Sledge			CR(PE)	
Asplenium ensiforme Wall. ex Hook. & Grev.			VU	B1ab(i,ii,iii)
Asplenium erectum Bory ex Willd.			LC	
Asplenium falcatum Lam.	*Asplenium polyodon* sensu acut., non G.Forst.[FC(A)]		LC	
Asplenium formosum Willd.			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Asplenium gardneri Baker			VU	B1ab(i,ii,iii)
Asplenium grevillei Wall. ex Hook. & Grev.			CR(PE)	
Asplenium inaequilaterale Bory ex Willd.			NT	
Asplenium laciniatum D.Don subsp. *laciniatum*			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)

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Asplenium laciniatum D.Don subsp. *fraser-jenkinsii* ex Pangtey & Khullar			DD	
Asplenium longipes Fée			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Asplenium mysorense Roth	*Asplenium bipinnatum* (Sledge) Philcox[FC(A)]		VU	B1ab(i,ii,iii)
Asplenium nidoides Fraser-Jenk. & Kandel	*Asplenium nidus* L.[FC(A)]	S: Gal-palu	NT	
Asplenium nitidum Sw.			CR	B1ab(i,ii,iii)
Asplenium normale D.Don			NT	
Asplenium pellucidum Lam.			CR(PE)	
Asplenium serricula Fée			LC	
Asplenium tenerum G.Forst.			LC	
Asplenium tenuifolium D.Don			CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Asplenium thunbergii Kunze	*Asplenium decorum* Kunze[FC(A)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Asplenium yoshinagae Makino subsp. *austroindicum* Fraser-Jenk.	*Asplenium indicum* auct., non Sledge[FC(A)]		NT	
Asplenium zenkerianum Kunze			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Hymenasplenium amoenum (C.Presl ex Mett.) Ranil	*Asplenium amoenum* C.Presl ex Mett.][FC(A)/CIP(1)] *Aspleniaum unilaterale* Lam.[FC(A)]		NT	
Hymenasplenium cheilosorum (Kunze ex Mett.) Tagawa	*Asplenium cheilosorum* Kunze ex Mett.[FC(A)/CIP(1)]		VU	B1ab(i,ii,iii)
Hymenasplenium excisum (C.Presl) S.Linds.	*Asplenium excisum* C.Presl [FC(A)/CIP(1)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Hymenasplenium obscurum (Blume) Tagawa	*Asplenium obscurum* Blume[FC(A)/CIP(1)]		CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Family: Blechnaceae Newman				
Austroblechum melanocaulon (Brack.) de Gasper & V.A.O.Dittrich subsp. *pallens* (T.C. Chambers & P.A. Farrant) Parris	*Blechnum colensoi* auct., non (Hook.f.) N.A.Wakef.[FC(A)]		VU	B1ab(i,ii,iii)
Blechnopsis orientalis (L.) C.Presl	*Blechnum orientale* L.[FC(A)/CIP(2)]	S: Baru-koku	LC	
Doodia dives Kunze			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Stenochlaena palustris (Burm.f) Bedd.			LC	
Family: Athyriaceae Alston				
Athyrium anisopterum Christ			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Athyrium cumingianum (C.Presl) Ching			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Athyrium gymnogrammoides (Klotzsch ex Mett.) Bedd.			CR	B1ab(i,ii,iii)

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Athyrium hohenackerianum (Kunze) T.Moore			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Athyrium praetermissum Sledge			VU	B1ab(i,ii,iii)
Athyrium puncticaule (Blume) T.Moore			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Athyrium setiferum C.Chr.			VU	B1ab(i,ii,iii)
Athyrium solenopteris (Kunze) T.Moore			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Athyrium triangulare Alderw.	*Athyrium wardii* acut., non (Hook.) Makino[FC(B)]		VU	B1ab(i,ii,iii)
Deparia boryana (Willd.) M.Kato subsp. *boryana*			VU	B1ab(i,ii,iii)
Deparia boryana (Willd.) M.Kato subsp. *austroindica* Fraser-Jenk.			DD	
Deparia japonica (Thunb.) M.Kato subsp. *japonica*			DD	
Deparia japonica (Thunb.) M.Kato subsp. *petersenii* (Kunze) Fraser-Jenk.	*Deparia petersenii* (Kunze) M.Kato subsp. *petersenii*[FC(A)]		NT	
Deparia japonica (Thunb.) M.Kato subsp. *sledgei* (Fraser-Jenk.) Fraser-Jenk.			DD	
Deparia lancea (Thunb.) Fraser-Jenk.			VU	B1ab(i,ii,iii)
Deparia polyrhiza (Baker) Seriz.			CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Deparia thwaitesii (A.Braun ex Mett.) Christenh.			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Deparia zeylanica (Hook) M. Kato.			CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Diplazium beddomei C.Chr.			NT	
Diplazium brachylobum (Sledge) Manickam & Irudayaraj			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Diplazium decurrens Bedd.			NT	
Diplazium dilatatum Blume			LC	
Diplazium esculentum (Retz.) Sw.			NT	
Diplazium latifolium T.Moore			DD	
Diplazium leptophyllum Christ	*Diplazium cognatum* (Hieron.) Sledge[FC(B)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Diplazium manickamii Fraser-Jenk. & Kholia	*Diplazium muricatum*acut., non (Mett.) Alderw.[FC(B)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Diplazium paradoxum Fée			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Diplazium polypodioides Blume			LC	
Diplazium procumbens Holttum			VU	B1ab(i,ii,iii)
Diplazium sylvaticum (Bory) Sw.			VU	B1ab(i,ii,iii)
Diplazium travancoricum Bedd.			CR	B1ab(i,ii,iii) +2ab(i,ii,iii)

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Family: Thelypteridaceae Ching ex Pic.Serm.				
Amblovenatum opulentum (Kaulf.) J.P.Roux	*Amphineuron opulentum* (Kaulf.) Holttum[FC(B)] *Thelypteris opulenta* (Kaulf.) Fosberg[CIP(1)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Amblovenatum terminans (J.Sm. ex Hook.) J.P .Roux	*Amphineuron terminans* (J.Sm. ex Hook.) Holttum][FC(B)] *Thelypteris terminans* (J.Sm. ex Hook.) Tagawa & K.Iwats.[CIP(1)]		LC	
Ampelopteris prolifera (Retz.) Copel.	*Thelypteris prolifera* (Retz.) C.F.Reed[CIP(1)]		VU	B1ab(i,ii,iii)
Christella dentata (Forssk.) Brownsey & Jermy	*Thelypteris dentata* (Forssk.) E.P.St. John[CIP(1)]		LC	
Christella hispidula (Decne.) Holttum	*Thelypteris hispidula* (Decne.) C.F.Reed [CIP(1)]		VU	B1ab(i,ii,iii)
Christella meeboldii (Rosenst.) Holttum	*Thelypteris meeboldii* (Rosenst.) C.F.Reed[CIP(1)]		CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Christella papilio (Hope) Holttum	*Thelypteris papilio* (C.Hope) K.Iwats.[CIP(1)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Christella sledgei (Fraser-Jenk.) Ranil	*Thelypteris sledgei* Fraser-Jenk. *Christella papilio* (C.Hope) Holttum var. *repens* Sledge [FC(B)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Christella parasitica (L.) H.Lév.	*Thelypteris parasitica* (L.) Tardieu [CIP(1)]		LC	
Christella subpubescens (Blume) Holttum	*Thelypteris subpubescens* (Blume) K.Iwats.[CIP(1)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Christella zeylanica (Fée) Holttum	*Thelypteris semisagittata* (Roxb.) C.V.Moran [CIP(1)]		CR(PE)	
Cyclosorus interruptus (Willd.) H.Itô	*Thelypteris interrupta* (Willd.) K.Iwats.[CIP(1)]		NT	
Macrothelypteris torresiana (Gaudich.) Ching	*Thelypteris torresiana* (Gaudich.) Alston [CIP(1)]		NT	
Metathelypteris dassanayakei (Fraser-Jenk.) Ranil	*Thelypteris dassanayakei* Fraser-Jenk. *Metathelypteris flaccida* (Blume) Ching var. *repens* Sledge [FC(B)]		CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Metathelypteris flaccida (Blume) Ching	*Thelypteris flaccida* (Blume) Ching [CIP(1)]		VU	B1ab(i,ii,iii)
Metathelypteris gracilescens (Blume) Ching	*Thelypteris gracilescens* (Blume) Ching[CIP(1)]		DD	
Parathelypteris beddomei (Baker) Ching	*Thelypteris beddomei* (Baker) Ching[CIP(1)]		VU	B1ab(i,ii,iii)
Pneumatopteris truncata (Poir.) Holttum	*Thelypteris truncata* (Poir.) K.Iwats. [CIP(1)]		VU	B1ab(i,ii,iii)
Pronephrium articulatum (Houlston & T.Moore) Holttum	*Thelypteris articulata* (Houlston & T.Moore) Tagawa & K.Iwats.[CIP(1)]		NT	
Pronephrium gardneri Holttum			CR(PE)	
Pronephrium triphyllum (Sw.) Holttum	*Thelypteris triphylla* (Sw.) K.Iwats. [CIP(1)]		VU	B1ab(i,ii,iii)
Pseudocyclosorus tylodes (Kunze) Ching	*Thelypteris tylodes* (Kunze) Ching[CIP(1)]		VU	B1ab(i,ii,iii)

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Pseudophegopteris paludosa (Blume) Ching	*Pseudophegopteris pyrrhorhachis* (Kunze) Ching [FC(B)] *Thelypteris paludosa* (Blume) K.Iwats.[CIP(1)]		VU	B1ab(i,ii,iii)
Sphaerostephanos arbuscula (Willd.) Holttum	*Thelypteris arbuscula* (Willd.) K.Iwats.[CIP(1)]		LC	
Sphaerostephanos subtruncatus (Bory) Holttum	*Thelypteris subtruncata* (Bory) Panigrahi [CIP(1)]		CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Sphaerostephanos unitus (L.) Holttum	*Thelypteris unita* (L.) C.V.Morton [CIP(1)]		LC	
Stegnogramma stipitata (Fraser-Jenk.) Ranil	*Thelypteris stipitata* Fraser-Jenk. *Stegnogramme pozoi* (Lag.) K.Iwats. var. *petiolata* (Ching) Sledge [FC(2)]		EN	B1ab(i,ii,iii)
Trigonospora calcarata (Blume) Holttum	*Trigonospora angustifrons* Sledge [FC(2)] *Trigonospora glandulosa* Sledge [FC(2)] *Trigonospora zeylanica* (Ching) Sledge[FC(2)]		VU	B1ab(i,ii,iii)
Trigonospora caudipinna (Ching) Sledge	*Thelypteris caudipinna* Ching [CIP(1)] *Trigonospora obtusiloba* Sledge [FC(2)]		VU	B1ab(i,ii,iii)
Trigonospora ciliata (Wall. ex Benth.) Holttum.	*Thelypteris tenera* (Roxb.) C.V. Morton ex Fraser-Jenk.[CIP(1)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Thelypteris confluens (Thunb.) C.V.Morton			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Family: Hypodematiaceae Ching				
Hypodematium crenatum (Forssk.) Kuhn subsp. *crenatum*			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Leucostegia truncata (D.Don) Fraser-Jenk.	*Leucostegia immersa* C.Presl [FC(A)]		DD	
Family: Dryopteridaceae Herter				
Arachniodes amabilis (Blume) Tindale			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Arachniodes palmipes (Kunze) Fraser-Jenk.	*Arachniodes aristata* auct., non (Forst.f.) Tindale [FC(A)]		LC	
Arachniodes sledgei Fraser-Jenk .	*Arachniodes tripinnata* auct., non (Goldm.) Sledge [FC(A)]		NT	
Bolbitis angustipinna (Hayata) H.Itô.			CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Bolbitis appendiculata (Willd.) K.Iwats.			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Bolbitis aspleniifolia (Bory) K.Iwats.			CR	B1ab(i,ii,iii)
Bolbitis semicordata (Baker) Ching			CR	B1ab(i,ii,iii)
Bolbitis subcrenata (Hook. & Grev.) Ching			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Ctenitis thwaitesii Holttum			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Dryopteris approximata Sledge			CR	B2ab(i,ii,iii)
Dryopteris atrata (Wall. ex Kunze) Ching			DD	

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Dryopteris deparioides (T.Moore) Kuntze subsp. *deparioides*			VU	B1ab(i,ii,iii)
Dryopteris deparioides (T.Moore) Kuntze subsp. ***ambigua*** (Sledge) Fraser-Jenk.			CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Dryopteris deparioides (T.Moore) Kuntze subsp. ***concinna*** C.Chr.			CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Dryopteris hirtipes (Blume) Kuntze			VU	B1ab(i,ii,iii) +2ab(i,ii,iii)
Dryopteris macrochlamys (Fée) Fraser-Jenk.			LC	
Dryopteris obtusiloba (Baker) Kuntze	*Dryopsis obtusiloba* (Baker) Holttum & Edwards[FC(A)]		VU	B1ab(i,ii,iii)
Dryopteris pseudocaenopteris (Kunze) Li Bing Zhang	*Diacalpe aspidioides* Blume [FC(A)] *Peranema aspidioides* (Blume) Mett.[CIP(2)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Dryopteris pulvinulifera (Bedd.) Kuntze			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Dryopteris sledgei Fraser-Jenk.			CR(PE)	
Dryopteris sparsa (D. Don) Kuntze subsp. *rectipinnula* Fraser-Jenk.			VU	B1ab(i,ii,iii)
Dryopteris undulata (Bedd.) Kuntze			CR(PE)	
Dryopteris wallichiana (Spreng.) Hyl. subsp. *madrasensis* (Fraser-Jenk.) Fraser-Jenk.			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Elaphoglossum angulatum (Blume) T.Moore			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Elaphoglossum ceylanicum Krajina ex Sledge			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Elaphoglossum commutatum (Mett. ex Kuhn) Alderw.			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Elaphoglossum spathulatum (Bory) T.Moore			CR	B1ab(i,ii,iii)
Lastreopsis tenera (R.Br.) Tindale			VU	B1ab(i,ii,iii)
Parapolystichum rufescens (Blume) Labiak, Sundue & R.C.Moran	*Lastreopsis rufescens* (Blume) Ching [FC(A)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Polystichum anomalum (Hook. & Arn.) J.Sm. subsp. ***anomalum***			VU	B1ab(i,ii,iii)
Polystichuma austropaleaceum Fraser-Jenk.	*Polystichum piceopaleaceum* auct., non Tagawa [FC(A)]		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Polystichum biaristatum (Blume) T.Moore			VU	B1ab(i,ii,iii)
Polystichum harpophyllum (Zenker ex Kunze) Sledge			NT	
Polystichum mucronifolium (Blume) C.Presl			CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Polystichum walkerae (Hook.) Sledge			NT	
Teratophyllum aculeatum (Blume) Mett. ex Kuhn			CR	B1ab(i,ii,iii)
Family: Nephrolepidaceae Pic.Serm.				
Nephrolepis biserrata (Sw.) Schott			CR	B1ab(i,ii,iii)

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Nephrolepis cordifolia (L.) C.Presl			NT	
Nephrolepis falciformis J.Sm.	*Nephrolepis falcata* acut., non (Cav.) C.Chr [FC(A)]		VU	B1ab(i,ii,iii)
Nephrolepis brownie (Desv.) Hovenkamp et Miyam.	*Nephrolepis hirsutula* acut., non (G.Forst.) C.Presl [FC(A)]		LC	
Family: Tectariaceae Panigrahi				
Arthropteris palisotii (Desv.) Alston			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Pteridrys cnemidaria (Christ) C.Chr. & Ching	*Pteridrys zeylanica* Ching [FC(A)]		CR(PE)	
Tectaria coadunata (J.Sm.) C.Chr.			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Tectaria decurrens (C.Presl) Copel.			LC	
Tecctaria membranacea (Hook.) Fraser-Jenk. & Kholia	*Tectaria devexa* (Kunze ex Mett.) Copel. [FC(A)]		CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Tectaria paradoxa (Fée) Sledge			LC	
Tectaria polymorpha (Wall. ex Hook.) Copel.			VU	B1ab(i,ii,iii)
Tectaria subtriphylla (Hook. & Arn.) Copel.			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Tectaria thwaitesii (Bedd.) Ching			VU	B1ab(i,ii,iii)
Tectaria trimenii (Bedd.) C.Chr.			VU	B1ab(i,ii,iii)
Tectaria zeilanica (Houtt.) Sledge			LC	
Family: Oleandraceae Ching ex Pic.Serm.				
Oleandra musifolia (Blume) C.Presl			VU	B1ab(i,ii,iii)
Family: Davalliaceae M.R.Schomb.				
Davallia denticulata (Burm.f.) Mett. ex Kuhn			VU	B1ab(i,ii,iii)
Davallia hymenophylloides (Blume) Kuhn	*Davallodes hymenophylloides* (Blume) M.Kato & Tsutsumi[CIP(3)]		EN	B1ab(i,ii,iii)
Davallia repens (L.f.) Kuhn			LC	
Davallia solida (G.Forst.) Sw.			CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Davallia squamata (Decne.) Mazumdar & P.Vijaykanth	*Katoella squamata* (Decne.) Fraser-Jenk., Kandel & Pariyar [CIP(3)] *Davallia pulchra* auct., non D.Don [FC(A)]		CR(PE)	
Davallia trichomanoides Blume			CR(PE)	
Family: Polypodiaceae Bercht. & J.Presl				
Drynaria quercifolia (L.) J.Sm.	*Drynaria spasisora* auct., non (Desv.) T.Moore [FC(B)]	S: Benduru	LC	

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Bosmania membranacea (D.Don.) Testo	*Microsorum membranaceum* (D.Don) Ching [FC(B)]		NT	
Lepisorus contortus (Christ) Ching	*Lepisorus amaurolepidus* (Sledge) Bir &Trikha[FC(B)]		LC	
Lepisorus mucronatus (Fée) Li Wang	*Belvisia mucronata* (Fée) Copel [FC(B)]		DD	
Lepisorus nudus (Hook.) Ching			LC	
Lepisorus spicatus (L.f.) Li Wang	*Belvisia spicata* (L.f) Mirbel ex Copel. [FC(B)]		NT	
Leptochilus decurrens Blume subsp. *decurrens*			LC	
Leptochilus ellipticus (Thunb.) Noot.			DD	
Leptochilus insignis (Blume) Fraser-Jenk.	*Microsorum insigne* (Blume) Copel. [FC(B)]		CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Leptochilus lanceolatus Fée			CR(PE)	
Leptochilus metallicus (Bedd.) C.Chr.			DD	
Leptochilus minor Fée			CR	B1ab(i,ii,iii)
Leptochilus pedunculatus (Hook. & Grev.) Fraser-Jenk.	*Leptochilus macrophyllus* var. *pedunculatus* (Hook. & Grev.) Noot. [FC(B)]		VU	B1ab(i,ii,iii)
Leptochilus pteropus (Blume) Fraser-Jenk subsp. *minor* (Bedd.) Fraser-Jenk.	*Microsorum pteropus* (Blume) Copel. [FC(B)]		CR	B2ab(i,ii,iii)
Leptochilus thwaitesianus Fée			EN	B2ab(i,ii,iii)
Leptochilus wallii (Baker) C.Chr			CR(PE)	
Loxogramme cuspidata (Zenker) M.G.Price			EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Loxogramme parallela Copel.			CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Microgramma mauritiana (Willd.) Tardieu			CR(PE)	
Microsorum membranifolium (R.Br.) Ching	*Phymatosorus membranifolius* (R.Br.) S.G.Lu [CIP(3)]		LC	
Microsorum punctatum (L.) Copel.			NT	
Microsorum scolopendria (Burm.f) Copel.	*Phymatosorus scolopendria* (Burm.f.) Pic.Serm.[CIP(3)]		LC	
Pleopeltis macrocarpa (Bory ex Willd.) Kaulf.	*Pleopeltis lanceolata* Kaulf. [FC(B)]		EN	B2ab(i,ii,iii)
Pyrrosia ceylanica (Giesenh.) Sledge			CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Pyrrosia gardneri (Mett.) Sledge			LC	
Pyrrosia heterophylla (L.) M.G.Price		S: Panam pethi, Kasi pethi	LC	
Pyrrosia lanceolata (L.) Farw.			LC	

Family/Scientific Name	Synonyms/Other Names	Common Names	NCS	Criteria
Pyrrosia pannosa (Mett. ex Kuhn) Ching			NT	
Pyrrosia porosa (C.Presl) Hovenkamp			NT	
Selliguea montana (Sledge) Hovenkamp			LC	
Sub family: Grammitidoideae Parris & Sundue				
Calymmodon glabrescens Copel.			NT	
Chrysogrammitis glandulosa (J.Sm.) Parris			CR(PE)	
Ctenopterella blechnoides (Grev.) Parris	*Ctenopteris blechnoides* (Grev.) W.H.Wagner & Grether FC(A)		VU	B1ab(i,ii,iii)
Ctenopterella cornigera (Baker) Parris	***Xiphopteris cornigera*** (Baker) Copel. FC(A)		CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Ctenopterella thwaitesii (Beddome) Parris	*Ctenopteris thwaitesii* (Beddome) Sledge FC(A)		VU	B1ab(i,ii,iii))
Dasygrammitis mollicoma (Nees & Blume) Parris	*Ctenopteris mollicoma* (Nees & Blume) Kunze FC(A)		CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Oreogrammitis attenuata (Kunze) Parris	*Grammitis attenuata* Kunze FC(A)		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Oreogrammitis beddomeana (Alderw.) T.C.Hsu	*Grammitis beddomeana* (Alderw.) Ching FC(A)		CR(PE)	
Oreogrammitis medialis (Baker) Parris	***Grammitis medialis*** (Baker) Ching FC(A)		VU	B1ab(i,ii,iii)
Oreogrammitis reinwardtii (Blume) Parris	*Grammitis reinwardtii* Blume FC(A)		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Oreogrammitis sledgei (Parris) Parris	***Grammitis sledgei*** Parris FC(A)		VU	B1ab(i,ii,iii)
Oreogrammitis wallii (Bedd.) Parris	***Grammitis wallii*** (Bedd.) Copel.FC(A)		CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Oreogrammitis zeylanica (Fée) Parris	***Grammitis zeylanica*** Fée FC(A)		NT	
Prosaptia alata (Blume) Christ			LC	
Prosaptia ceylanica Parris			CR	B1ab(i,ii,iii) +2ab(i,ii,iii)
Prosaptia contigua (G.Forst.) C.Presl			LC	
Prosaptia obliquata (Blume) Mett.			LC	
Scleroglossum pusillum (Blume) Alderw.			CR	B1ab(i,ii,iii)
Scleroglossum sulcatum (Kuhn) Alderw.			CR	B2ab(i,ii,iii)
Tomophyllum epaleatum (Parris) Parris	*Ctenopteris epaleata* Parris FC(A)		EN	B1ab(i,ii,iii) +2ab(i,ii,iii)
Tomophyllum perplexum (Parris) Parris	*Ctenopteris perplexa* Parris FC(A)		VU	B1ab(i,ii,iii)
Tomophyllum repandulum (Mett.) Parris	*Ctenopteris repandula* (Mett.) C.Chr. & Tardieu FC(A)		VU	B1ab(i,ii,iii)

Note: FC(A)- Revised hand book to the flora of Ceylon-volume 15(A); FC(B)-Revised hand book to the flora of Ceylon-volume 15(B); ClP(1)-Check list of Indian Ptridophytes part 1; ClP(2)-Check list of Indian Ptridophytes part 2; ClP(3)-Check list of Indian Ptridophytes part 3.

Lindsaea pectinata Blume
Lindsaeaceae
Origin: Native
NCS: CR
Confined to the Sinharaja world heritage site. It is one of the most attractive *Lindsaea* species due to its long creeping rhizome with nicely arranged pinnules. Lamina is long and highly variable in shape.
Photograph by- R.H.G. Ranil

Teratophyllum aculeatum (Blume) Mett. Ex Kuhn
Dryopteridaceae
Origin: Native
NCS: CR
Confined to the Sinharaja world heritage site and restricted to moist and shaded stream banks. The rhizome is very slender and creeping on tree trunks. It is a dimorphic ferns.
Photograph by- R.H.G. Ranil

Alsophila sinuata (Hook. &Grev.) R.M.Tryon
Cyatheaceae
Origin: Endemic
NCS : EN
Unique among tree ferns due to its simple leaves. It is confined to moist places in the southern lowland rainforests of Sri Lanka.
Photograph by- R.H.G. Ranil

Selaginella catostachya (Hook. & Grev.) Alston.
Selaginellaceae
Origin: Endemic
NCS: NT
Leaves are dimorphic and arranged in four rows on the main stem. Among the other *Selaginella* species this is the most common species and shows wide distribution across the wet zone.
Photograph by- R.H.G. Ranil

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A Provisional List of Bryophytes in Sri Lanka

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Liverworts, mosses and hornworts are commonly referred to as "Bryophytes". However, they comprise three distinct Phyla within the Kingdom Plantae: Phylum Marchantiophyta (liverworts), Phylum Bryophyta (mosses) and Phylum Anthocerotophyta (hornworts). According to the available checklists, Sri Lanka harbours 327 species of liverworts (Long and Rubasinghe, 2014), 560 species of mosses (O'Shea, 2002) and 05 species of hornworts (Rubasinghe and Long, 2014). However, the checklists to-date are mainly based on collections and publications made during the British Colonial Period in the early 19th Century (details in Rubasinghe and Long, 2014). Much of this old literature is in multiplicity of publications and most of the existing collections are scattered in herbaria on several continents not easily accessible to Sri Lankan botanists. In addition, proper locality details are lacking from many of these collections. There is no comprehensive Flora for Sri Lankan bryophytes. Although Sri Lanka harbours a rich bryophyte flora, they remained a poorly researched group of plants until proper systematic studies were initiated recently. This is the first instance that bryophytes of Sri Lanka are included in the National Redlist which is a major step forward in bryological research in Sri Lanka. Here we present the lists of liverworts, mosses and hornworts based on the recent checklists: liverworts and hornworts (Long and Rubasinghe, 2014) and mosses (O'Shea, 2002). Additions are made to the existing checklists based on publications made afterwards. Accordingly, 345 species of liverworts, 07 species of hornworts and 574 species of mosses are listed.

Liverworts (Phylum Marchantiophyta)

Acrobolbaceae
Marsupidium knightii Mitt.

Adelanthaceae
Cuspidatula flexicaulis (Nees) Váňa & L.Söderstr.
Denotarisia linguifolia (De Not.) Grolle
Syzygiella securifolia (Nees ex Lindenb.) Inoue
Syzygiella subintegerrima (Nees) Spruce

Anastrophyllaceae
Anastrophyllum imbricatum (Wilson ex Gottsche, Lindenb. & Nees) Steph.
Anastrophyllum piligerum (Reinw., Blume & Nees) Steph.
Plicanthus birmensis (Steph.) R.M.Schust.
Plicanthus hirtellus (F.Weber) R.M.Schust.
Schizophyllopsis bidens (Reinw., Blume & Nees) Váňa & L. Söderstr.

Aneuraceae
Aneura pinguis (L.) Dumort.
Riccardia canaliculata (Nees) Schiffn.
Riccardia multifida (L.) Gray

Aytoniaceae
Plagiochasma rupestre (G.Forst.) Steph.
Reboulia hemisphaerica (L.) Raddi

Blasiaceae
Blasia pusilla L.

Calypogeiaceae
Calypogeia apiculata (Steph.) Steph.
Calypogeia arguta Nees & Mont.
Calypogeia ceylanca S.Hatt. & Mizut.
Calypogeia fissa (L.) Raddi
Calypogeia fragilis (Steph.) Inoue & H.A.Miller
Metacalypogeia alternifolia (Nees) Grolle
Mnioloma fuscum (Lehm.) R.M.Schust.

Cephaloziaceae
Nowellia curvifolia (Dicks.) Mitt.

Cephaloziellaceae
Cylindrocolea kiaeri (Austin) Váňa
Gottschelia schizopleura (Spruce) Grolle

Cyathodiaceae
Cyathodium cavernarum Kunze [221]
Cyathodium smaragdinum Schiffn. ex Keissl.

Dumortieraceae
Dumortiera hirsuta (Sw.) Nees. *sens. lat.*

Exormothecaceae
Exormotheca ceylonensis Meijer

Frullaniaceae
Frullania acutiloba Mitt.
Frullania alstonii Verd.
Frullania apiculata (Reinw., Blume & Nees) Dumort.