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Supplementary Table

Table. Occurrence of different Moss taxa in the study area of Nagaland.

Sl. No.	Name of the species	Altitude	Habitat	Locality	Specimens examined (LWG)
ORDER - POLYTRICHALES					
1. Family - Polytrichaceae					
1'''	<i>Atrichum crispulum</i> Schimp ex Besch.	1827–1798 m	Terrestrial	Biswema Village, Dzukou Valley (Ko), Mokukchung to Tuensang (T)	306766A, 306768C, 321266A
2	<i>Atrichum undulatum</i> (Hedw.) P. Beauv.	2500 m	Terrestrial	Thanamir village, Khongsa (K)	306844A, 306765E
3	<i>Pogonatum cirratum</i> (Sw.) subsp. <i>cirratum</i>	2668 m	Terrestrial	Dzukou Valley (Ko)	306751D, 306755D, 306756I
4	<i>Pogonatum microstomum</i> (Schwäegr) Brid.	1827–2668 m	Terrestrial	Biswema Village (Ko), Dzukou Valley (Ko), Mokukchung to Tuensang (T)	306746B, 306751E, 306752A, 306753A, 306755D, 306756D, 306771D, 306873B, 321268A
5'	<i>Pogonatum neesii</i> (Müll. Hal.) Dozy	1827–2686 m	Terrestrial	Saramati Hills (K), Biswema Village, Dzukou Valley (Ko), Thanamir village, Khongsa (K)	306757H, 306762G, 306765D, 306844D, 306845C, 306846A, 306847B, 306849A, 306867A, 306887G, 306888A, 306889B, 306892A
6'	<i>Pogonatum perichaetiale</i> Mont. A. Jaeger. ssp. <i>perichaetiale</i>	2668 m	Terrestrial saxicolous Epiphytic	Dzukou Valley (Ko)	306750A, 306751C, 306753B, 306760E, 306762H, 306764E
7	<i>Pogonatum patulum</i> (Harv.) Mitt.	2500 m	Epiphytic	Saramati Hills (K)	306876G
8	<i>Pogonatum proliferum</i> (Griff.) Mitt.	2500 m	Terrestrial	Saramati Hills (K)	306852H, 306863A, 306867B, 306879B
ORDER - DICRANALES					
2. Family - Ditrichaceae					
9'	<i>Ditrichum apophysatum</i> Hamp. ex Gangulee	2500 m	Terrestrial	Saramati Hills (K)	306847D
10'	<i>Ditrichum heteromallum</i> (Hedw.) Brit.	2668 m	Terrestrial	Dzukou Valley (Ko)	306751G
3. Family - Dicranaceae					
11	<i>Brothera leana</i> (Sull.) Müll. Hal.	2500 m	Epiphytic	Saramati Hills (K)	306853G
12'	<i>Campylopodia himalayana</i> (Broth.) J.P. Frahm.	1827 m	Terrestrial	Biswema Village, Dzukou Valley (Ko)	306765F
13'	<i>Campylopus ericoides</i> (Griff.) A. Jaeger.	1827–2500 m	saxicolous Epiphytic	Biswema Village, Dzukou Valley (Ko), Saramati Hills (K), Mokukchung to Tuensang (T)	306765A, 306766B, 306771E, 306860D, 306862F, 306867D, 306872D, 321265
14'	<i>Campylopus pyriformis</i> (Schultz) Brid.	2000 m	Terrestrial	Thanamir (K)	306894D
15'	<i>Campylopus schimidii</i> (Müll. Hal.) A. Jaeger.	2686 m	saxicolous Epiphytic	Dzukou Valley (Ko), Saramati Hills (K)	306764D, 306873C
16	<i>Campylopus schimperi</i> J. Milde	2463–2668 m	Terrestrial saxicolous	Dzukou Valley (Ko), Saramati Hills (K)	306746A, 306757D, 306760D, 306877A, 306879A, 321247B
17'	<i>Dicranella divaricata</i> (Mitt.) A. Jaeger	1754 m	Terrestrial	Konya, Tuensang	321255E
18'	<i>Dicranodontium didymodon</i> (Griff.) Paris	2463 m	saxicolous Epiphytic	Dzukou Valley (Ko), Saramati Hills (K)	306755I, 306856E, 306864A, 306744J, 306887E
19'	<i>Dicranum crispifolium</i> Müll. Hal.	2500 m	Epiphytic	Saramati Hills (K)	306869A
20	<i>Dicranum lorifolium</i> Mitt.	2500 m	Epiphytic	Saramati Hills (K)	306878G, 306879F
21''	<i>Dicranum orthophylloides</i> Dixon	2500 m	Epiphytic	Saramati Hills (K)	306853C
22'	<i>Dicranum scoparium</i> Hedw.	2500 m	Epiphytic	Saramati Hills (K)	306884A
23'	<i>Microcampylopus khasianus</i> (Griffith) Giese & J.P. Frahm.	1754–2500 m	Terrestrial	Konya, Tuensang (T), Saramati Hills (K), Thanamir village, Khongsa (K)	321248A, 321253A, 321255A, 306845C, 306847E, 306849B, 321244C
24'	<i>Oreoweisia laxifolia</i> (Hook. f.) Kindb.	2500 m	Epiphytic	Saramati Hills (K)	306882A
25'	<i>Rhabdoweisia crenulata</i> (Mitt.) H. Jameson	2686 m	saxicolous	Dzukou Valley (Ko)	306762E
26	<i>Symblepharis vaginata</i> (Hook.) Wijk. & Margad	2668 m	Terrestrial Epiphytic	Dzukou Valley (Ko), Saramati Hills (K)	306751J, 306871A, 306881B

4. Family – Leucobryaceae					
27*	<i>Leucobryum juniproideum</i> (Brid.) Müll. Hal.	2500 m	Terrestrial	Saramati Hills (K), Dzukou Valley (Ko)	306843C
ORDER - FISSIDENTALES					
5. Family - Fissidentaceae					
28	<i>Fissidens bryoides</i> Hedw.	2463 m	Terrestrial	Dzukou Valley (Ko)	306741L, 306748G
29**	<i>Fissidens crassinervis</i> var. <i>laxus</i> (Sull & Lesq.) A. Eddy.	2500 m	Epiphytic	Saramati Hills (K)	306860F, 306889E
30*	<i>Fissidens pulchellus</i> Mitt.	2500 m	Terrestrial	Thanamir village, Khangsa (K)	306844F
31*	<i>Fissidens zollingeri</i> Mont.	1798 m	Terrestrial	Mokukchung to Tuensang (T)	321267C
ORDER - POTTIALES					
6. Family - Calymperaceae					
32*	<i>Syrrhopodon gardneri</i> (Hook.) Schwäegr.	2463 m	Terrestrial	Saramati Hills (K), Dzukou Valley (Ko)	306843B
7. Family - Pottiaceae					
33*	<i>Anoetangium thomsonii</i> Mitt.	1754–2463 m	Terrestrial	Dzukou Valley (Ko), Konya Tuensang (T)	306743A, 321255C
34**	<i>Barbula inaequalifolia</i> Taylor	2000 m	Terrestrial	Thanamir (K)	306893D
35*	<i>Bellibarbula recurva</i> (Griff.) R.H. Zander	1827–2686 m	saxicolous	Biswema Village, Dzukou Valley (Ko)	306760F, 306761C, 306763A, 306769B
36*	<i>Bryoerythrophyllum wallichii</i> (Mitt.) P.C. Chen.	2463 m	Terrestrial saxicolous	Dzukou Valley (Ko)	306747A, 306754A, 306773B, 306744F
37*	<i>Syntrichia gemmascens</i> (P.C. Chen) R.H. Zander	1335 m	Epiphytic	Noklak from Tuensang (N)	321256J
38*	<i>Didymodon hastatus</i> (Mitt.) R.H. Zander	2668 m	Terrestrial	Dzukou Valley (Ko)	306751H, 306753D
39	<i>Didymodon michiganensis</i> (Steere) K. Saito	2000 m	Terrestrial	Thanamir (K)	306893B
40	<i>Didymodon nigrescens</i> (Mitt.) K. Saito	2686 m	saxicolous	Dzukou Valley (Ko)	306760F
41*	<i>Didymodon vinealis</i> (Brid.) R.H. Zander	2686 m	Terrestrial	Dzukou Valley (Ko)	306758D
42	<i>Hymenostylium recurvirostrum</i> (Hedw.) Dixon	2000 m	Terrestrial	Thanamir (K)	306894B
43*	<i>Leptodontium flexifolium</i> (Dicks.) Hampe	2500 m	Terrestrial saxicolous	Dzukou Valley, Saramati Hills (K)	306761D, 306852K, 306857D, 306851E
44	<i>Leptodontium viticulosoides</i> (P. Beauv.) Wijk. & Margad	2500 m	Epiphytic	Saramati Hills (K)	306860B, 306862B, 306864B, 306871B, 306872A, 306874A, 306878B, 306883A
45	<i>Chionoloma tenuirostre</i> (Hook. & Taylor) M. Alonso, M.J. Cano & J.A. Jiménez	2463 m	Terrestrial	Dzukou Valley (Ko)	306741I, 306744H, 306745E, 306748D
46*	<i>Chionoloma orthodontum</i> (Müll. Hal.) M. Alonso, M.J. Cano & J.A. Jiménez	2500 m	Terrestrial	Saramati Hills (K)	306880C
ORDER - GRIMMIALES					
8. Family - Grimmiaceae					
47	<i>Racomitrium subsecundum</i> (Hook. & Grev.) Mitt.	2500 m	Epiphytic	Saramati Hills (K)	306873D
ORDER - FUNARIALES					
9. Family - Funariaceae					
48	<i>Entosthodon wichurae</i> M. Fleisch.	2686 m	saxicolous	Dzukou Valley (Ko)	306759C, 306760A, 306761B, 306762B, 306766C, 306771G
49	<i>Funaria hygrometrica</i> Hedw.	2686 m	Terrestrial	Dzukou Valley (Ko)	3067558B, 306893A
10. Family - Splachnaceae					
50	<i>Tayloria subglabra</i> (Griff.) Mitt. var. <i>spinosa</i> Dixon	2500 m	Terrestrial Epiphytic	Saramati Hills (K)	306865D, 306872C, 306878N
ORDER - EUBRYALES					
11. Family - Bartramiaceae					
51*	<i>Bartramia leptodonta</i> Wils.	2463 m	Terrestrial	Dzukou Valley (Ko)	306746D
52	<i>Philonotis angusta</i> Mitt.	1335–1798 m	Epiphytic	Noklak from Tuensang (N), Mokukchung to Tuensang (T)	321257B, 321266B
53	<i>Philonotis falcata</i> (Hook.) Mitt.	1976 m	Terrestrial	Konya to Tuensang (T)	321247A
12. Family - Bryaceae					
54	<i>Anomobryum auratum</i> (Mitt.) A. Jaeger	1827–2668 m	saxicolous logs, Epiphytic	Biswema Village, Dzukou Valley	306749B, 306756B, 306763E, 306769B, 306771B
55	<i>Anomobryum concinatum</i> (Spruc.) Lindb.	1798–2668 m	saxicolous Epiphytic	Biswema Village, Dzukou Valley (Ko),	306751B, 306760B, 306761E, 306765C, 321266C

				Mokukchung to Tuensang (T)	
56	<i>Brachymerium capitulatum</i> (Mitt.) Paris	1335–2500 m	Epiphytic	Saramati Hills (K), Noklak from Tuensang (N)	306870G, 321256B
57	<i>Brachymerium ptychothecium</i> (Besch.) Ochi	1827 m	on logs	Biswema Village, Dzukou Valley (Ko)	306771A, 321251B
58*	<i>Brachymerium sikkimense</i> Renaud & Cardot	2000 m	Terrestrial	Thanamir (Ko)	306893C
59	<i>Bryum argenteum</i> Hedw.	1827–2455m	saxicolous logs, Epiphytic	Biswema Village, Dzukou Valley (Ko)	306738A, 306771C
60*	<i>Bryum billardieri</i> Schwäegr.	1827–2463 m	saxicolous	Biswema Village, Dzukou Valley (Ko)	306755G, 306770C
61	<i>Gemmabryum exile</i> (Dozy & Molk.) J. R. Spence & H. P. Ramsay	2686 m	saxicolous	Dzukou Valley (Ko)	306759D, 306761G
62	<i>Pohlia camptotrachela</i> (Renaud & Cardot) Broth.	1754–2455m	Terrestrial	Dzukou Valley (Ko), Konya Tuensang (T)	306739B, 321255E
63	<i>Pohlia elongata</i> Hedw.	2668 m	Terrestrial	Dzukou Valley (Ko)	306751F, 306753C
64*	<i>Pohlia flexuosa</i> Hook.	2500 m	Terrestrial	Saramati to Thanamir village, Khangsa (K)	306844C, 306846E, 306847C
65*	<i>Pohlia gedeanana</i> (Bosch. & Lac.) Gangulee	2000–2686 m	Epiphytic	Saramati Hills (K), Dzukou Valley (Ko)	306873F, 306883C, 306740A, 306744E, 306757C, 306758A, 306762A, 306764F, 36873F, 306883C
66*	<i>Pohlia ludwigii</i> (Schwäegr) Broth.	1827 m	Terrestrial	Biswema Village, Dzukou Valley (Ko)	306771H
67	<i>Pohlia minor</i> Schleich. ex Schwäegr ssp. <i>acuminata</i>	2500 m	Epiphytic	Saramati Hills (K)	306860C
68*	<i>Ptychostomum pallescens</i> (Schleich. ex Schwäegr.) J.R. Spence	2686 m	saxicolous	Saramati Hills (K), Biswema Village, Dzukou Valley (Ko)	306764C, 306772A, 306847A, 306857C, 306879G
69*	<i>Rosulabryum capillare</i> (Hedw.) J.R. Spence	1827–2668 m	Terrestrial	Saramati Hills to Thanamir village (K), Dzukou Valley (Ko)	306751I, 306757F, 306758C, 306761A, 306762C, 306763C, 306766E, 306846B
13. Family - Mniaceae					
70*	<i>Plagiomnium rhynchophorum</i> (Hook.) T.J. Kop.	2169–2686 m	Terrestrial saxicolous	Dzukou Valley (Ko), Konya Village (T)	306741D, 306764B, 3215362A, 321563A, 321564B
71*	<i>Rhizomnium striatulum</i> T.J. Kop.	2500 m	on soil	Saramati Hills (K)	306880A
ORDER - ISOBRYALES					
14. Family - Hedwigiaceae					
72*	<i>Bryowijkia ambigua</i> (Hook.) Nog.	2500 m	Epiphytic	Saramati Hills (K)	306848A, 306855A, 306878H, 306895B
15. Family - Meteoriaceae					
73	<i>Aerobryidium aureo-nitens</i> (Schwäegr.) Broth.	2500 m	Epiphytic	Saramati Hills (K)	306851A
74	<i>Aerobryidium filamentosum</i> (Hook.) M. Fleisch. ex Broth.	2500 m	Epiphytic	Saramati Hills (K)	306875E, 306878F
75	<i>Barbella bombycina</i> (Renaud & Cardot) M. Fleisch.	1335 m	Epiphytic	Noklak from Tuensang (N)	321256E
76	<i>Pseudotrachypus convolvens</i> (Mitt.) W.R. Buck	1754 m	Epiphytic	Konya (T)	321251C
77	<i>Pseudotrachypus stevensii</i> (Renaud & Cardot) W.R. Buck	1335 m	Epiphytic	Noklak from Tuensang (N)	321256C
78	<i>Floribundaria floribunda</i> (Dozy & Molk.) M. Fleisch.	2500 m	Epiphytic	Saramati Hills (K)	306870F
79	<i>Trachycladiella sparsa</i> (Mitt.) M. Menzel.	2500 m	Epiphytic	Saramati Hills (K)	306858D
80*	<i>Meteoriella soluta</i> (Mitt.) S. Okamura	2500 m	Epiphytic	Saramati Hills (K)	306875I
81	<i>Meteoriopsis reclinata</i> (Müll. Hal.) M. Fleisch.	1499 m	Epiphytic	Noklak from Tuensang (N)	321258, 321261
82*	<i>Meteoriopsis squarrosa</i> (Hook.) M. Fleisch.	2463 m	Terrestrial	Dzukou Valley (Ko)	306744B, 306773D
83	<i>Meteorium buchananii</i> (Brid.) Broth.	2463 m	Terrestrial	Dzukou Valley (Ko)	306745A
84*	<i>Toloxis semitorta</i> (Müll. Hal.) W.R. Buck.	1832–2500 m	Epiphytic	Biswema Village, Dzukou Valley (Ko), Saramati Hills (K), Konya (T).	306766D, 306852I, 306856C, 306859A, 306870A, 306882C, 306852I, 321247C
16. Family - Neckeraceae					
85*	<i>Calyptothecium dixonii</i> Gangulee	2500 m	Terrestrial	Saramati Hills (K)	306857A
86*	<i>Calyptothecium hookeri</i> (Mitt.) Broth.	2500 m	Epiphytic	Saramati Hills (K)	306868G
87	<i>Homali dendron montagneum</i> (Müll. Hal.) M. Fleisch.	2500 m	Epiphytic	Saramati Hills (K)	306859B, 306866D, 306868B, 306870A, 306878J

17. Family - Orthotricaceae					
88'	<i>Macromitrium moorcroftii</i> (Hook. & Grev.) Schwäegr.	2500 m	Epiphytic	Saramati Hills (K)	306878I
89'	<i>Leratia obtusifolia</i> (Hook.) Goffinet	2500 m	Epiphytic	Saramati Hills (K)	306886H
18. Family - Pterobryaceae					
90'	<i>Penzigiella cordata</i> (Hook. ex Harv.) M. Fleisch.	2500 m	Epiphytic	Saramati Hills (K)	306862D, 306875H
19. Family - Trachypodaceae					
91'	<i>Duthiella declinata</i> (Mitt.) Zanten	2463 m	Terrestrial	Dzukou Valley (Ko)	306741C
92	<i>Trachypodopsis serrulata</i> var. <i>crispatula</i> (Hook.) Zanten	2668–2500 m	Terrestrial epiphytic	Dzukou Valley (Ko), Saramati Hills (K)	306748C, 306749C, 306756A, 306852C, 306863C, 306865B, 306866A, 306875K, 306882B
ORDER - HOOKERIALES					
20. Family - Symphyodontaceae					
93'	<i>Symphyodon complanatus</i> Dixon	2500 m	saxicolous	Saramati Hills (K)	306863B
94'	<i>Symphyodon oblongifolius</i> (Renauld & Cardot) Broth.	2500 m	Terrestrial	Saramati Hills (K)	306857E
ORDER - Hypnobryales					
21. Family - Amblystegiaceae					
95''	<i>Amblystegium saxatile</i> Schimp.	1335 m	Epiphytic	Noklak from Tuensang (N)	321257A
22. Family - Brachytheciaceae					
96	<i>Brachythecium buchananii</i> (Hook.) A. Jaeger	1976 m	Terrestrial	Konya to Tuensang (T)	321246A
97'	<i>Rhynchostegiella assamica</i> Cardot & Dixon	2500 m	Terrestrial	Thanamir village, Khangsa (K)	306844B, 306894A
98'	<i>Rhynchostegiella divaricatifoila</i> (Renauld & Cardot) Broth.	2463–2668 m	Terrestrial	Dzukou Valley (Ko)	306741F, 306742D, 306744G, 306747B, 306748F, 306749E, 306757J, 306767A, 306773C
99'	<i>Rhynchostegium duthiei</i> Müll. Hal. ex Dixon	2463 m	Terrestrial	Dzukou Valley (Ko)	306747H
100	<i>Rhynchostegium herbaceum</i> (Mitt.) A. Jaeger	2169 m	Terrestrial	Konya Village (T)	306889C, 321562C, 321563C, 321564A
101'	<i>Rhynchostegium planiusculum</i> (Mitt.) A. Jaeger	1754–2084 m	Terrestrial	Konya, Tuensang (T), Mokukchung to Tuensang (T)	321255B, 321264
23. Family - Fabroniaceae					
102''	<i>Fabronia madurensis</i> Dixon & Vard.	2000 m	Epiphytic	Thanamir (K)	306890D
103	<i>Fabronia secunda</i> Mont.	2500 m	Epiphytic	Saramati Hills (K)	306848E
24. Family - Entodontaceae					
104	<i>Entodon prorepens</i> (Mitt.) A. Jaeger.	1335 m	Epiphytic	Noklak from Tuensang (N)	3321256D
25. Family - Hylacomiaceae					
105	<i>Macrothamnium leptohymenioides</i> Nog.	2463 m	Terrestrial	Dzukou Valley (Ko)	306746E, 306747C
106'	<i>Macrothamnium macrocarpum</i> (Reinw. & Hornsch.) M. Fleisch.	1827–2463 m	Terrestrial saxicolous Epiphytic	Dzukou Valley (Ko), Saramati Hills (K)	306741J, 306756L, 306768B, 306770A, 306854D, 306858A, 306865A, 306868A, 306869B, 306854D, 306858A, 306865A, 306868A, 306869B
26. Family - Hypnaceae					
107	<i>Ectopothecium manii</i> Broth.	2500 m	Epiphytic	Saramati Hills (K)	306886I
108'	<i>Hypnum cupressiforme</i> L. ex. Hedw.	2463 m	Epiphytic	Dzukou Valley (Ko)	306749A
109	<i>Hypnum sikkimense</i> Ando	2500 m	Terrestrial	Saramati Hills (Ko)	36867C
110	<i>Taxiphyllum taxirameum</i> (Mitt.) M. Fleisch.	1449–2463 m	Terrestrial Epiphytic	Dzukou Valley (Ko), Saramati Hills (K), Noklak from Tuensang (N)	306741G, 306742C, 306882G, 321259
27. Family - Plagiotheciaceae					
111''''	<i>Plagiothecium neckeroideum</i> var. <i>niitakayamae</i> (Toyama) Z. Iwats.	2000 m	Terrestrial	Thanamir (K)	306887C
28. Family - Sematophyllaceae					
112	<i>Brotherella curvirostris</i> (Schwaegr.) M. Fleisch.	2500 m	Epiphytic	Saramati Hills (K)	306852B
113	<i>Brotherella filiformis</i> Dixon	2500 m	Epiphytic	Saramati Hills (K)	306872H
114'	<i>Brotherella nictans</i> (Mitt.) Broth.	2500 m	Terrestrial Epiphytic	Saramati Hills (K)	306858C, 306881A
115	<i>Sematophyllum subpinnatum</i> (Brid.) E. Britton	1335 m	Epiphytic	Konya (T)	321256A

29. Family - Thuidiaceae					
116	<i>Claopodium prionophyllum</i> (Müll. Hal.) Broth.	2463 m	Terrestrial Epiphytic	Dzukou Valley (Ko), Saramati Hills (K)	306747I, 306748H, 306859G
117	<i>Haplocladium angustifolium</i> (Hamp. et Müll. Hal.) Broth.	2000 m	Epiphytic	Thanamir (K)	306890E
118'	<i>Haplocladium schimperi</i> Ther.	1335 m	Epiphytic	Noklak from Tuensang (N)	321256F
119	<i>Thuidium cymbifolium</i> (Dozy et Molk.) Dozy & Molk.	1499- 2500 m	Terrestrial Epiphytic	Dzukou Valley (Ko), Saramati Hills (K), Noklak from Tuensang (N)	306741A, 306744C, 306748B, 306754C, 306773E, 306854B, 306858B, 306861A, 306866B, 306875A, 306876E, 306854B, 321260, 321263A
120*	<i>Thuidium pristocalyx</i> (Müll. Hal.) A. Jaeger var. <i>pristocalyx</i>	1827- 2169 m	Terrestrial	Biswema Village, Dzukou Valley (Ko), Konya Village (T)	306767B, 321563D
121	<i>Thuidium delicatulum</i> (Hedw.) Schimp.	2000 m	Terrestrial	Thanamir (K)	306890B, 306891C

K = Kiphire District; Ko = Kohima District; T = Tuensang district, N = Noklak District, ""New to India, ""New to Eastern Himalaya, "New to Nagaland.