

Moss plant Mosses

Sphagnaceae

Sphagnum *sphagnum*

1 Sphagnum *Sphagnum squarrosum* Crome

Specimen credential: KyungMin Park, NIBRMS0000107953 (NIBR) (National Institute of Biological Resources)

2. *Sphagnum palustre* L.

Proof of specimen: KyungMin Park, NIBRMS0000107939 (NIBR)

3. *Sphagnum russowii* Warnst.

Specimen credential: D.M. Choe, B156024 (ca.ubc) (University of British Columbia)

4 *Sphagnum subsecundum* Nees

Proof of specimen: D.M. Choe, B156025 (ca.ubc)

5 *Sphagnum microporum* Warnst. ex Cardot

Specimen credentials: Faurie, U.J., PC0094131 (MNHN) (Museum national d'Histoire naturelle)

6. *Sphagnum compactum* Lam. & Cand.

Specimen Certificate: KyungMin Park, NIBRMS0000108138 (NIBR)

7. *Sphagnum papillosum* Lindb.

Specimen Certificate: KyungMin Park, NIBRMS0000108160 (NIBR)

8. *Sphagnum wulfianum* Girg.

Specimen certificate: KyungMin Park, NIBRMS0000108140 (NIBR)

9. *Sphagnum lindbergii* Schimp.

Specimen credentials: KyungMin Park, NIBRMS0000108139 (NIBR)

10 *Sphagnum tenellum* (Brid.) Bory

Specimen certificate: KyungMin Park, NIBRMS0000108161 (NIBR)

Sphagnum annulatum Warnst.

Specimen credentials: Records

12. *Sphagnum capillifolium* (Ehrh.) Hedw.

Proof of specimen: Records

Sphagnum cuspidatum Ehrh. ex Hofm.

Proof of specimen: Records

Sphagnum fimbriatum Wilson

Specimen Credentials: Records

Rusty *Sphagnum fuscum* (Schimp.) H. Klinggr.

Specimen certificate: record

Sphagnum girgensohnii Russow

Proof of specimen: Records

Sphagnum imbricatum Hornsch. ex Russow

Proof of specimen: Records

Sphagnum inundatum Russow

Proof of specimen: Records

Warm ground Sphagnum *Sphagnum junghuhnianum* Dozy & Molk.

Specimen credential: Records

The median Sphagnum *Sphagnum magellanicum* Brid.

Proof of specimen: Record

Sphagnum angustifolium C. E. O. Jensen

Specimen credentials: Records

Sphagnum subnitens var. *nitidum* (Warnst.) H.A.Crum

Taxidermy credentials: Records

Sphagnum *sphagnum teres* (Schimp.) Angstr.ex Hartm.

Specimen certificate: record

Ii. Andreaeaceae

(1) The genus *Andreaea*

1. *Andreaea nivalis* Hook.

Specimen credential: NIBRMS0000108146 (NIBR)

2. *Andreaea blyttii* Schimp.

Specimen credential: NIBRMS0000108145 (NIBR)

3. *Andreaea rupestris* Hedw.

Specimen voucher: NIBRMS0000108429 (NIBR)

4. East Asian black Moss *Andreaea rupestris* subsp. *fauriei* (Besch.) W. Schultz-Motel

Specimen credentials: Records

3. Ditrichaceae

(I) *Ditrichum*

1. *Ditrichum heteromallum* (Hedw.) E. Britton

Specimen credentials: Si He; Jong-Suk Song, 90134346 (MO)

2 Yellow Strychum *Ditrichum pallidum* (Hedw.) Hampe

Specimen Certificate: NIBRMS0000108583 (NIBR)

3. Trichium longicodon *Ditrichum rhynchostegium* Kindb.

Specimen credence: NIBRMS0000107428 (NIBR)

4. *Ditrichum divaricatum* Mitt.

Proof of specimen: Records

(2) *Ceratodon*

1. *Ceratodon purpureus* (Hedw.) Brid.

Specimen credential: Faurie, PC0701553 (MNHN)

2. *Ceratodon heterophyllus* Kindb.

Specimen credentials: Records

(3) *Pleuridium*

1 *Pleuridium subulatum* (Hedw.) Rabenh.

Specimen certificate: NIBRMS0000108369 (NIBR)

4. Bruchiaceae

(1) *Trematodon*

1. *Trematodon longicollis* Michx.

Specimen certificate: Si He; Jong-Suk Song, 90134393 (MO)

2 *Trematodon ambiguus* (Hedw.) Hornsch.

Specimen certificate: NIBRMS0000108096 (NIBR)

V. Dicranellaceae

(1) *Dicranella*

1. *Dicranella heteromalla* (Hedw.) Schimp.

Specimen credentials: Si He; Jong-Suk Song, 100285286 (MO)

2 *Dicranella varia* (Hedw.) Schimp.

Proof of specimen: Si He; Jong-Suk Song 100285290 (MO)

3 *Dicranella cerviculata* (Hedw.) Schimp.

Specimen certificate: NIBRMS0000108083 (NIBR)

4 *Dicranella gonoii* Cardot

Specimen certificate: NIBRMS0000107463 (NIBR)

5. *Dicranella heteromalla* var. *curvipes* Lindb.

Specimen credentials: Records

(2) *Campylopodium*

1. *Campylopodium medium* (Duby) Giese & J.-P. Frahm

Specimen credential: NIBRMS0000107686 (NIBR)

6. *Amphidiaceae*

(1) *Amphidiaceae*

1. *Amphidium lapponicum* (Hedw.) Schimp.

Specimen credential: NIBRMS0000108144 (NIBR)

2. *Amphidium clastophyllum* Cardot

Specimen credentials: Faurie, PC0657774 (MNHN)

Rhabdoweisiaceae

(I) The genus *Arctoa*

1. *Arctoa fulvella* (Dicks.) Bruch & Schimp.

Specimen credential: NIBRMS0000107016 (NIBR)

(2) *Symblepharis*

1. *Symblepharis vaginata* (Hook.) Wijk & Marg.

Proof of specimen: Records

3. The genus *Rhabdoweisia*

1. *Rhabdoweisia crispata* Lindb.

Specimen voucher: NIBRMS0000107647 (NIBR)

2. *Rhabdoweisia fugax* (Hedw.) Bruch & Schimp.

Taxidermy credentials: Records

(4) *Oncophorus*

1. *Oncophorus crispifolius* (Mitt.) Lindb.

Proof of specimen: Taquet, PC0719185 (MNHN)

2. *Oncophorus virens* Brid.

Proof of specimen: Records

3. *Oncophorus wahlenbergii* Brid.

Proof of specimen: Records

(5) *Dicranoweisia*

1. *Dicranoweisia fauriei* Cardot

Specimen credentials: Faurie, Urbain Jean, TYPE (H) University of Helsinki

2. *Dicranoweisia crispula* (Hedw.) Lindb. ex Milde

(6) *Dicranoweisia crispula Cynodontium*

1. *Cynodontium gracilescens* (F. Weber & D. Mohr) Schimp.

Proof of specimen: Documentation

2. *Cynodontium strumiferum* (Hedw.) Lindb.

Proof of specimen: records

(7) *Kiaeria*

1. *Kiaeria starkei* (F. Weber & D. Mohr) I. Hagen

Specimen credential: NIBRMS0000108158 (NIBR)

(viii) *Glyphomitrium*

1. *Glyphomitrium humillimum* Cardot

Specimen credential: NIBRMS0000107193 (NIBR)

(9) *Oreoweisia*

1. *Oreoweisia laxifolia* (Hook.f.) Kindb.

Specimen credentials: Records

Viii. Pottiaceae

(1) The genus *Barbula*

1. *Barbula indica* (Hook.) Spreng.

Specimen Certificate: Jeju Island, NIBRMS0000107429 (NIBR)

2. *Barbula unguiculata* Hedw.

Specimen credential: D.M. Choe, B155964 (BBM) (Beaty Biodiversity Museum)

3. *Barbula convoluta* Hedw.

Proof of specimen: Si He; Jong-Suk Song, 90134343 (MO)

4 Calcareous lime moss *Barbula amplexifolia* (Mitt.) A. Jaeger

Specimen credential: Faurie, PC0134807 (MNHN)

(2) The genus *Weissia*

1. *Weissia controversa* Hedw.

Proof of specimen: Si He, North Gyeongsang Province; Jong-Suk Song, 90134344 (MO)

2 Membranostomum *Weissia brachycarpa* (Nees & Hornsch.) Jur.

Specimen credential: NIBRMS0000108163 (NIBR)

3. *Weissia longifolia* Mitt.

Specimen Certificate: Gangwon Province, NIBRMS0000108294 (NIBR)

4. *Weissia edentula* Mitt.

Specimen credentials: Faurie, H3303820 (H)

5. *Weissia newcomeri* K. Saito

Specimen Certificate: Jeju Island, NIBRMS0000107143 (NIBR)

6. *Weissia longidens* Cardot

Specimen Certificate: South Jeolla Province, NIBRMS0000108555 (NIBR)

7. *Weissia exserta* (Broth.) P. C. Chen

Specimen certificate: Gyeonggi Province, NIBRMS0000107373 (NIBR)

8. *Weissia breviseta* (Ther.) P. C. Chen

Specimen credentials: Records

9. *Weissia crispa* W.E. Nicholson

Specimen credentials: Records

(iii) *Weisiopsis*

1. *Weisiopsis anomala* (Broth. & Paris) Broth.

Specimen credentials: Gangwon Province, NIBRMS0000108580 (NIBR); James R. Shevock

100266589 (MO), Gyeonggi Province; Faurie, PC0101208 (MNHN)

(iv) *Vinealobryum*

1. *Vinealobryum vineale* (Brid.) R. H. Zander

Specimen certificate: Gangwon Province, NIBRMS0000108592 (NIBR); North Gyeongsang Province, NIBRMS0000108465 (NIBR)

(5) *Didymodon*

1. *Didymodon ferrugineus* M. O. Hill

Specimen Certificate: Gangwon Province, NIBRMS0000108722 (NIBR)

2. *Didymodon erosodenticulatus* (Mull.Hal.) K.Suaito

Specimen credentials: Jeju Island, Si He; Jong-Suk Song 100285332 (MO)

3. *Didymodon constrictus* K. Saito

Specimen Certificate: Gangwon Province, NIBRMS0000107360 (NIBR)

4 *Didymodon rigidulus* Hedw.

Proof of specimen: record

5 *Didymodon tophaceus* (Brid.) Lisa

Specimen credentials: Records

(6) *Trichostomum*

1. *Trichostomum planifolium* R. H. Zander

Specimen Certificate: Incheon City, NIBRMS0000108372 (NIBR); Faurie, H3303250 (H)

2. *Trichostomum deciduaefolium* (K.Saito) R.H.Zander

Specimen credentials: Jeju Island, Si He; Jong-Suk Song 100285337 (MO)

3 *Trichostomum tenuirostre* Lindb.

Specimen Certificate: Gangwon Province, NIBRMS0000107317 (NIBR)

4 *Trichostomum crispulum* Bruch

Proof of specimen: Records

5 *Trichostomum platyphyllum* (Ihsiba) P. C. Chen

Specimen certificate: record

(7) The genus *Hyophila*

1. *Hyophila propagulifera* Broth.

Specimen credentials: Gangwon Province, NIBRMS0000107272 (NIBR); North Gyeongsang Province, NIBRMS0000108579 (NIBR); South Gyeongsang Province, NIBRMS0000108419 (NIBR)

2 *Hyophila involuta* (Hook.) A. Jaeger

Specimen certificate: Gangwon Province, NIBRMS0000108597 (NIBR); Incheon City, NIBRMS0000108373 (NIBR)

(8) *Hymenostylium*

1. *Hymenostylium recurvirostrum* (Hedw.) Dixon

Specimen Certificate: Jeju Island, NIBRMS0000107014 (NIBR)

(9) *Anoetangium*

1. *Anoetangium thomsonii* Mitt.

Specimen credentials: Faurie PC0657579 (MNHN), Jeju, China; Gangwon Province, NIBRMS0000107271 (NIBR)

2 *Anoetangium stracheyanum* Mitt.

Specimen certificate: NIBRMS0000108062 (NIBR)

3 *Anoetangium aestivum* (Hedw.) Mitt.

Proof of specimen: record

4. *Anoetangium microphyllum* Cardot

Specimen credentials: Records

(10) *Ardeuma*

1. *Ardeuma aurantiacum* (Mitt.) R.H. Zander & Hedd.

Taxidermy credentials: Records

(11) The genus *Syntrichia*

1. *Syntrichia norvegica* Weber

Specimen certificate: NIBRMS0000108141 (NIBR)

2. *Syntrichia amphidiacea* R. H. Zander

Specimen credential: NIBRMS0000108162 (NIBR)

3. Alpine Erythroopsis *Syntrichia sinensis* Ochyra

Specimen certificate: NIBRMS0000108094 (NIBR)

(xii) The genus *Tortella*

1. *Tortella tortuosa* (Hedw.) Limpr.

Proof of specimen: Si He, North Gyeongsang Province; Jong-Suk Song 90134356 (MO);

NIBRMS0000108095 (NIBR)

2 Broth of the Japanese *Tortella japonica* (Besch.).

Specimen Certificate: Gangwon Province, NIBRMS0000107365 (NIBR)

3. *Tortella fragilis* (Hook. & Wilson) Limpr.

Proof of specimen: Records

(XIII) The genus *Tortula*

1. *Tortula muralis* Hedw.

Specimen credentials: NIBRMS0000108541 (NIBR), South Jeolla Province; North Gyeongsang Province, NIBRMS0000108507 (NIBR);

2 *Tortula modica* R. H. Zander

Proof of specimen: Records

(14) *Bryoerythrophyllum*

1. *Bryoerythrophyllum recurvirostrum* (Hedw.) P. C. Chen

Specimen Certificate: Gangwon Province, NIBRMS0000108428 (NIBR)

(15) *Trichum Chenia*

1. *Chenia leptophylla* R. H. Zander

Specimen Certificate: Gangwon Province, NIBRMS0000107479 (NIBR); Jeju Island, NIBRMS0000107478 (NIBR)

(XVI) *Hydrogonium*

1. *Hydrogonium croceum* (Brid.) Jan Kucera

Specimen certificate: Universite de Montreal Biodiversity Centre, Faurie MT00141854 (UdeM), Busan City

2 *Hydrogonium orientale* (F. Weber) Jan Kucera

Specimen certificate: Gangwon Province, NIBRMS0000108474 (NIBR); Jeju Island, NIBRMS0000107398 (NIBR)

(XVII) *Astomum*

(18) The genus *Tuerckheimia*

1. *Tuerckheimia svihlae* R. H. Zander

Specimen Certificate: Gangwon Province, NIBRMS0000107362 (NIBR)

2 *Scopelophila cataractae* Broth.

Specimen Credentials: Faurie PC0695718 (MNHN), Jeju Island

(19) *Eucladium*

Eucladium verticillatum (With.) Bruch & Schimp. *Eucladium verticillatum* (with.) Bruch & Schimp.

Specimen Certificate: Gangwon Province, NIBRMS0000107455 (NIBR)

(20) The genus *Molendoa*

1. *Molendoa sendtneriana* (Bruch & Schimp.) Limpr.

Specimen certificate: NIBRMS0000108088 (NIBR)

(21) *Leptodontium*

1. *Leptodontium flexifolium* (Dicks.) Hampe

Specimen certificate: NIBRMS0000108086 (NIBR)

(Xxii) *Gymnostomum*

1. *Gymnostomum aeruginosum* Sm.

Proof of specimen: record

(XXIII) *Geheebia*

1. *Geheebia constricta* (Mitt.) R.H. Zander & Caners

Specimen credentials: Records

9. *Erpodiaceae*

(1) *Erpodiella*

1. *Venturiella sinensis* Mull. Hal.

Specimen credentials: City of Seoul, Taquet PC0719689 (MNHN); Jeju, Faurie PC0701044 (MNHN)

(2) *Aulacopilum*

1. *Aulacopilum japonicum* Broth. ex Cardot

Proof of specimen: Seoul City, Taquet PC0719689 (MNHN); Jeju, Faurie PC0701044 (MNHN)

10. *Diphysciaceae*

(1) *Diphyscium*

1. *Diphyscium mucronifolium* Mitt.

Specimen certificate: North Jeolla Province, NIBRMS0000106800 (NIBR);

2. *Diphyscium fulvifolium* Mitt.

Specimen Certificate: Jeju Island, NIBRMS0000107197 (NIBR)

3. *Diphyscium foliosum* (Hedw.) D. Mohr

Specimen Certificate: North Gyeongsang Province, NIBRMS0000108733 (NIBR)

4. *Diphyscium chiapense* Norris

Specimen Certificate: Gangwon Province, NIBRMS0000108729 (NIBR)

5. *Diphyscium lorifolium* (Cardot) Magombo

Specimen credentials: NIBRMS0000107477 (NIBR), South Jeolla Province; Ulsan City, NIBRMS0000108262 (NIBR);

6. *Diphyscium perminutum* Takaki

The specimen credential: Records

11. *Saelaniaceae*

(1) The genus *Saelania*

1. *Saelania glaucescens* (Hedw.) Broth.

Specimen certificate: record

Xii. Seligeriaceae

(I) *Seligeria*

1. *Seligeria patula* (Lindb.) Broth.

Specimen Credentials: Gangwon Do, NIBRMS0000107372 (NIBR)

2. *Seligeria calcarea* (Hedw.) Bruch & Schimp.

Specimen Certificate: Gangwon Province, NIBRMS0000107370 (NIBR)

3. *Seligeria donniana* (Sm.) Mull.Hal.

Specimen Certificate: Gangwon Province, NIBRMS0000107363 (NIBR)

(2) *Blindiadelphus*

diversifolius Blindiadelphus diversifolius (Lindb.) Fedosov & Ignatov

Specimen certificate: Gangwon Province, NIBRMS0000107371 (NIBR)

(iii) *Brachytrichum Blindia*

1. *Blindia japonica* Broth.

Proof of specimen: Records

(4) *Brachydontium*

1. *Brachydontium olympicum* E.Britton

Specimen credentials: Records

Xiii. Grimmiaceae

(1) The genus *Niphotrichum*

1. *Niphotrichum barbuloides* (Cardot) Bedn.-Ochyra & Ochyra

Specimen certificate: Masamune PC0707859 (MNHN), Seoul; Jeju, Faurie PC0129498 (MNHN)

2 *Niphotrichum canescens* (Hedw.) Bedn.-Ochyra & Ochyra

Specimen Certificate: Gyeonggi Province, NIBRMS0000108265 (NIBR)

3. *Niphotrichum japonicum* (Dozy & Molk.) Bedn.-Ochyra & Ochyra

Specimen credential: Guilbert, PC0707862 (MNHN)

4. *Niphotrichum ericoides* (Brid.) Bedn.-Ochyra & Ochyra

Specimen Certificate: Jeju Island, NIBRMS0000108336 (NIBR)

(2) *Codriophorus*

1. *Codriophorus carinatus* (Cardot) Bedn.-Ochyra & Ochyra

Specimen credentials: J.R. Shevock, 21356-1 (MA) Real Jardin Botanico (CSIC)CSIC-Real Jardin Botanico-Coleccion de Musgos (Ma-Musci), Gyeonggi; Jeju Island, Si He; Jong-Suk Song 100285264 (MO);

2. *Codriophorus acicularis* (Hedw.) P. Beauv.

Proof of specimen: Records

(3) The genus *Racomitrium*

1 *Racomitrium laetum* Besch. & Cardot

Specimen credentials: Si He, Jeju Island; Jong-Suk Song 100285270 (MO);

Racomitrium heterostichum (Hedw.) Brid.

Specimen certificate: Jeju Island, NIBRMS0000107911 (NIBR); Gangwon Province, NIBRMS0000108299 (NIBR); Ulsan City, NIBRMS0000108266 (NIBR);

3 *Racomitrium lanuginosum* (Hedw.) Brid.

Specimen credentials: D.M. Choe B156018 (ca.ubc), Jeju Island;

4. *Racomitrium aciculare* (Hedw.) Brid.

Specimen Certificate: Jeju Island, NIBRMS0000107488 (NIBR)

5. *Racomitrium aquaticum* (Brid. ex Schrad.) Brid.

Specimen credentials: Jeju Island, Si He; Jong-Suk Song 100285252 (MO)

6 *Racomitrium nitidulum* Cardot

Proof of specimen: Records

(4) The genus *Dilutineuron*

1. *Dilutineuron fasciculare* (Schrad.ex Hedw.) Bedn.-Ochyra, Sawicki, Ochyra, Szczeci UN ska & Plash? ek

Specimen credentials: U. J. Faurie 267818 (NY), North Jeolla Province; Jeju Island, NIBRMS0000107392 (NIBR)

2. *Dilutineuron brevisetum* (Lindb.) Bedn.-Ochyra, Sawicki, Ochyra, Szczeci UN ska & Ppla. ek

Specimen credentials: Jeju Island, Faurie PC0132442 (MNHN) ,NIBRMS0000108152 (NIBR)

3. *Dilutineuron anomodontoides* (Cardot) Bedn.-Ochyra, Sawicki, Ochyra, Szczeci UN ska & PIA. ek

Specimen Certificate: Jeju Island, NIBRMS0000107377 (NIBR)

(5) *Grimmia*

1. *Grimmia pilifera* P. Beauv.

Specimen certificate: Jeju Island, NIBRMS0000107149 (NIBR); Ulsan City, NIBRMS0000107927 (NIBR); Incheon City, NIBRMS0000108374 (NIBR); Kangwon Province, NIBRMS0000108292 (NIBR); Gyeonggi Province, NIBRMS0000108251 (NIBR);

2. *Grimmia trichophylla* Grev.

Specimen credentials: Jeju Island, Si He; Jong-Suk Song 100285240 (MO);

3 *Grimmia elongata* Kaulf.

Specimen Certificate: Jeju Island, NIBRMS0000106968 (NIBR)

4. *Grimmia donniana* Sm.

Specimen credentials: TENN-B-0112557 (TENN) University of Tennessee

5. *Grimmia hartmanii* Schimp.

Specimen credential: NIBRMS0000108156 (NIBR)

6. *Grimmia montana* Bruch & Schimp.

Specimen Certificate: Busan City, Faurie H3300473 (H)

7. *Grimmia mollis* Bruch & Schimp.

Specimen credential: NIBRMS0000108157 (NIBR)

8. *Grimmia decipiens* (Schultz) Lindb.

Specimen certificate: record

9. *Grimmia longirostris* Hook.

Proof of specimen: Records

10. *Grimmia ovalis* (Hedw.) Lindb.

Proof of specimen: Records

6. *Schistidium*

1. *Schistidium liliputanum* (Mull. Hal.) Deguchi

Specimen certificate: Jeju Island, NIBRMS0000107390 (NIBR); Gyeongsangbuk-do, NIBRMS0000108676 (NIBR)

2 *Schistidium strictum* (Turner) Loeske ex Martensson

Specimen certificate: Jeju Island, NIBRMS0000106726 (NIBR); South Jeolla Province, NIBRMS0000108660 (NIBR);

Schistidium apocarpum (Hedw.) Bruch & Schimp, 3.

Specimen certificate: Incheon City, NIBRMS0000108370 (NIBR); Gangwon Province, NIBRMS0000107374 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134358 (MO);

Schistidium agassizii Sull. & Lesq. 4.

Specimen certificate: Incheon City, NIBRMS0000108356 (NIBR);

5. *Schistidium pulchrum* H.H.Blom

Specimen credential: NIBRMS0000108137 (NIBR)

6. *Schistidium papillosum* Culm.

Specimen certificate: NIBRMS0000108136 (NIBR)

7. *Schistidium lancifolium* (Kindb.) H.H.Blom

Specimen credential: NIBRMS0000108135 (NIBR)

8. *Schistidium rivulare* (Brid.) Podp.

Proof of specimen: record

(vii) *Coscinodon*

1. *Coscinodon humilis* Milde

Proof of specimen: Records

(8) *Bucklandiella*

1. *Bucklandiella microcarpa* (Hedw.) Bednarek-Ochyra & Ochyra

The specimen credential: Records

2. *Bucklandiella sudetica* (Funck) Bedn.-Ochyra & Ochyra

Taxidermy credentials: Records

(IX) *Frisvollia*

1. *Frisvollia varia* (Mitt.) Sawicki, Szczeci World ska, Bedn.-Ochyra & Ochyra

Specimen certificate: record

14. *Ptychomitriaceae*

(1) *Ptychomitrium*

1. *Ptychomitrium sinense* (Mitt.) A. Jaeger

Specimen credentials: City of Seoul, Taquet PC0719694 (MNHN); Chungcheongbuk Province, NIBRMS0000107288 (NIBR); Kangwon Province, NIBRMS0000107241 (NIBR); South Jeolla Province, NIBRMS0000108566 (NIBR); Jeju Island, NIBRMS0000107158 (NIBR); Incheon City, NIBRMS0000108354 (NIBR); Gyeongsangbuk-do, NIBRMS0000108653 (NIBR)

2 *Ptychomitrium gardneri* Lesq.

Specimen Certificate: Gangwon Province, NIBRMS0000108731 (NIBR)

3. *Ptychomitrium linearifolium* Reimers & Sakurai

Specimen credentials: North Chungcheong Province, NIBRMS0000107286 (NIBR); Gangwon Province, NIBRMS0000107278 (NIBR); Gyeongsangbuk-do, NIBRMS0000108470 (NIBR); Jeju Island, NIBRMS0000107141 (NIBR)

4. *Ptychomitrium dentatum* (Mitt.) A. Jaeger

Specimen credentials: Jeju Island, Taquet PC0719690 (MNHN); Gangwon Province, NIBRMS0000107352 (NIBR)

5 *Ptychomitrium fauriei* Besch.

Specimen Certificate: Jeju Island, NIBRMS0000107854 (NIBR)

5. *Ptychomitrium wilsonii* Sull. & Lesq.

Specimen credentials: Records

(2) *Campylostelium*

1. *Campylostelium brachycarpum* (Nog.) Z.Iwats., Tateishi & Tad.Suzuki

Specimen Certificate: Jeju Island, NIBRMS0000107483 (NIBR)

2 *Campylostelium saxicola* (F. Weber & D. Mohr) Bruch & Schimp.

Specimen Certificate: Jeju Island, NIBRMS0000107468 (NIBR)

15. Distichiaceae

(1) *Distichium*

1. *Distichium capillaceum* (Hedw.) Bruch & Schimp.

Proof of specimen: Records

Xvi. Timmiellaceae

(I) The genus *Timmiella*

1. *Timmiella anomala* (Bruch & Schimp.) Limpr.

Proof of specimen: records

17. Bryoxiphiaceae

(1) *Bryoxiphium*

1. *Bryoxiphium norvegicum* (Brid.) Mitt.

Specimen credentials: D.M. Choe B155969 (ca.ubc), Chungbuk Province; Jeju Island, NIBRMS0000106732 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134388 (MO); City of Seoul, P. E. Taquet B115246 (S)

2. *Bryoxiphium norvegicum* subsp. japonicum (Berggr.) A. Love & D. Love

Specimen certificate: NIBRMS0000108530 (NIBR), South Gyeongsang Province, China; Jeju Island, NIBRMS0000107558 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134388 (MO)

Leucobryaceae

(1) The genus *Leucobryum*

1. *Leucobryum juniperoideum* Mull. Hal.

Specimen credentials: Jeju Island, Taquet PC0719286 (MNHN); South Jeolla Province, NIBRMS0000108545 (NIBR); North Jeolla Province, NIBRMS0000107605 (NIBR); Ulsan City, NIBRMS0000108261 (NIBR); Gyeongsangbuk Province, NIBRMS0000108673 (NIBR); Seoul City, M. Itouga 3781 (HIRO) Hiroshima University; Gyeonggi-do, James R. Shevock 90054018 (MO)

2. *Leucobryum bowringii* Mitt.

Proof of specimen: Si He, North Gyeongsang Province; Jong-Suk Song 90134394 (MO)

3. *Leucobryum glaucum* (Hedw.) Angstr.

Proof of specimen: record

4. *Leucobryum humillimum* Cardot

Proof of specimen: Records

(2) *Campylopus*

1. *Campylopus sinensis* Frahm

Specimen Certificate: Jeju Island, NIBRMS0000106753 (NIBR)

2. *Campylopus umbellatus* (Arn.) Paris

Specimen credentials: Faurie PC0148875 (MNHN), Busan City, China; Jeju Island, NIBRMS0000107896 (NIBR)

3 *Campylopus schimperi* Milde

Specimen certificate: NIBRMS0000108151 (NIBR)

4. *Campylopus flexuosus* (Hedw.) Brid.

Specimen credentials: Records

5 *Campylopus fragilis* (Brid.) Bruch & Schimp.

Proof of specimen: Records

6. *Campylopus gracilis* (Mitt.) A. Jaeger

Specimen credentials: Records

(3) *Brothera*

1. *Brothera leana* (Sull.) Mull. Hal.

Specimen Certificate: North Gyeongsang Province, NIBRMS0000108549 (NIBR); Jeju Island, NIBRMS0000107175 (NIBR); North Jeolla Province, NIBRMS0000107919 (NIBR); Incheon City, NIBRMS0000108380 (NIBR);

(iv) *Dicranodontium*

1. *Dicranodontium denudatum* (Brid.) E. Britton

Specimen certificate: Incheon City, NIBRMS0000108353 (NIBR); Jeju Island, NIBRMS0000107002 (NIBR)

Xix. Dicranaceae

(1) *Dicranum*

1. *Dicranum nipponense* Besch.

Specimen certificate: South Jeolla Province, NIBRMS0000108577 (NIBR); Jeju Island, NIBRMS0000107233 (NIBR); South Gyeongsang Province; NIBRMS0000108405 (NIBR); Ulsan City, NIBRMS0000107929 (NIBR); D.M. Choe B155980, South Chungcheong Province (ca.ubc) North Gyeongsang Province, Si He; Jong-Suk Song 90134434 (MO)

2 Green Sphagnum *Dicranum viride* (Sull. & Lesq.) Lindb.

Specimen certificate: Jeju Island, NIBRMS0000107222 (NIBR); South Gyeongsang Province, NIBRMS0000108705 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134444 (MO)

3 *Dicranum japonicum* Mitt.

Specimen certificate: Jeju Island, NIBRMS0000107228 (NIBR); D.M. Choe B155979, South Chungcheong Province (ca.ubc);

4 *Dicranum flagellare* Hedw.

Specimen credentials: Si He, Jeju Island; Jong-Suk Song 100285292 (MO)

5 *Dicranum mayrii* Broth.

Specimen credentials: Si He, Jeju; Jong-Suk Song 100285307 (MO)

6. *Dicranum scoparium* Hedw.

Proof of specimen: Changbai Mountain, T.Koponen B0014716 (KUN)

7 *Dicranum fuscescens* Turner

Specimen credentials: Si He, Jeju Island; Jong-Suk Song 100285300 (MO)

8 *Dicranum fulvum* Hook.

Specimen credentials: Si He, Jeju Island; Jong-Suk Song 100285298 (MO)

9 *Dicranum drummondii* Mull. Hal.

10. *Dicranum elongatum* Schleich. ex Schwagr.

11. *Dicranum klauteri* Reimers

Taxidermy credentials: Records

12. *Dicranum leiodontium* Cardot

Dicranum leiodontium Cardot

13. *Dicranum majus* Turner

Specimen credentials: Records

14. *Dicranum montanum* Hedw.

Proof of specimen: Record

15. *Dicranum polysetum* Sw.

Proof of specimen: Records

16. *Dicranum muehlenbeckii* Bruch & Schimp.

Specimen credentials: Records

17. *Dicranum spurium* Hedw.

Specimen credentials: Records

18. *Dicranum viride* var. *hakkodense* (Cardot) Takaki

Specimen certificate: South Gyeongsang Province, NIBRMS0000108705 (NIBR); Jeju Island, NIBRMS0000107731 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134444 (MO)

(ii) *Holomitrium*

1. *Holomitrium densifolium* (Wilson) Wijk & Marg.

Specimen Certificate: Gangwon Province, NIBRMS0000108587 (NIBR)

(3) *Dicranoloma*

1. *Dicranoloma cylindrothecium* (Mitt.) Sakurai

Specimen credentials: Faurie PC0132642, Pyongyang (MNH)

(iv) *Diobelonella*

1. *Diobelonella palustris* (Dicks.) Ochyra

Specimen credential: NIBRMS0000108153 (NIBR.)

(v) *Anisothecium*

1. *Anisothecium recurvumarginatum* (S.Okamura) Iisiba

Taxidermy credentials: Records

(6) *Paraleucobryum*

1. *Paraleucobryum longifolium* (Ehrh. ex Hedw.) Loeske

Proof of specimen: records

Aongstroemiaceae

(I) *Dichodontium*

1. *Dichodontium pellucidum* (Hedw.) Schimp.

Specimen Certificate: Gangwon Province, NIBRMS0000107306 (NIBR)

(ii) *Lycopodium Aongstroemiopsis*

1. *Aongstroemiopsis julacea* (Dozy & Molk.) M. Fleisch.

Proof of specimen: records

Xxi. Fissidentaceae

(I) *Fissidens*

1. *Fissidens dubius* P. Beauv.

Specimen credentials: Alexander Ganse 186003851 (iNaturalist), Gangwon Province; South Jeolla Province, NIBRMS0000108576 (NIBR); South Gyeongsang Province, NIBRMS0000108564 (NIBR); Jeju Island, NIBRMS0000106745 (NIBR); Incheon City, NIBRMS0000108366 (NIBR); IFJBPL201511136930 (IFJBPL)

2 *Fissidens teysmannianus* Dozy & Molk.

Specimen certificate: Gangwon Province, NIBRMS0000108584 (NIBR); South Gyeongsang Province, NIBRMS0000108522 (NIBR); Jeju Island, NIBRMS0000107652 (NIBR); North Jeolla Province, NIBRMS0000106791 (NIBR); South Jeolla Province, NIBRMS0000108499 (NIBR); Gyeonggi Province, NIBRMS0000108411 (NIBR); Ulsan City, NIBRMS0000107928 (NIBR); Incheon, NIBRMS0000108357 (NIBR) North Gyeongsang Province, Si He; Jong-Suk Song 90134353 (MO)

3 *Brachypleura fissidens gardneri* Mitt.

Specimen certificate: North Jeolla Province, NIBRMS0000106817 (NIBR); Jeju Island, NIBRMS0000106819 (NIBR)

4 *Fissidens taxifolius* Hedw.

Specimen certificate: South Gyeongsang Province, NIBRMS0000108563 (NIBR); North Gyeongsang Province, NIBRMS000010851 (NIBR); Jeju Island, NIBRMS0000107054 (NIBR); South Jeolla Province, NIBRMS0000108624 (NIBR)

5 *Fissidens nobilis* Griff.

Specimen credentials: North Jeolla Province, NIBRMS0000106769 (NIBR); South Gyeongsang Province, NIBRMS0000108400 (NIBR); Jeju Island, NIBRMS0000107082 (NIBR)

6 *Fissidens bryoides* Hedw.

Specimen certificate: Gangwon Province, NIBRMS0000107275 (NIBR); Jeju Island, NIBRMS0000106982 (NIBR); Gyeongsangbuk-do, NIBRMS0000108651 (NIBR)

7 *Fissidens gymnogynus* Besch.

Specimen certificate: Jeju Island, NIBRMS0000108344 (NIBR); Gangwon Province, NIBRMS0000107315 (NIBR)

8 *Fissidens grandifrons* Brid.

Specimen Certificate: Gangwon Province, NIBRMS0000108599 (NIBR)

9. *Fissidens geppii* M. Fleisch.

Specimen credentials: Faurie PC0130489 (MNHN), Jeju Island; North Gyeongsang Province, NIBRMS0000108655 (NIBR);

10 *Fissidens geminiflorus* Dozy & Molk.

Specimen credentials: North Chungcheong Province, NIBRMS0000107446 (NIBR); Gangwon Province, NIBRMS0000107445 (NIBR)

11. Anomalous Balsam Moss *Fissidens anomalus* Mont.

Specimen credentials: Si He; Jong-Suk Song, 100284493 (MO)

12 *Fissidens crispulus* Brid.

Specimen Certificate: North Jeolla Province, NIBRMS0000107426 (NIBR)

13. *Fissidens crenulatus* Mitt.

Specimen Certificate: North Jeolla Province, NIBRMS0000107430 (NIBR)

14. *Fissidens closteri* subsp. *kiusiuensis* (Sakurai) Z. Iwats.

Specimen Certificate: South Gyeongsang Province, NIBRMS0000108735 (NIBR)

15. *Fissidens pallidinervis* Mitt.

Specimen Certificate: South Gyeongsang Province, NIBRMS0000108696 (NIBR)

16. *Fissidens tosaensis* Broth.

Specimen Certificate: Jeju Island, NIBRMS0000107471 (NIBR)

17. European Pheasant Moss *Fissidens osmundoides* Hedw.

Specimen credential: NIBRMS0000108071 (NIBR)

18. *hyalinus* *Fissidens hyalinus* Hook. & Wilson

Specimen Certificate: North Jeolla Province, NIBRMS0000107425 (NIBR)

19. *Fissidens bryoides* var. *lateralis* (Broth.) Z. Iwats. & Tadd. Suzuki

Specimen credential: Documentation

20. *Fissidens bryoides* var. *ramosissimus* Ther.

Proof of specimen: Records

21. *Fissidens crispulus* var. *robinsonii* (Broth.) Z. Iwats. & Z.H. Li

Proof of specimen: Records

22. *Fissidens involutus* var. *jejuensis* Y.J. Yoon, B.C. Tan & B.Y. Sun

Specimen certificate: record

23. *Fissidens linearis* var. *obscurirete* (Broth. & Paris) Stone

Specimen credential: Records

24. *Fissidens pellucidus* var. *asterodontius* (Mull. Hal.) Pursell

"Specimen credential: Records

25. *Fissidens protonematicola* Sakurai

Proof of specimen: Records

26. *Fissidens pseudolateralis* Cardot

Taxidermy credentials: Records

27. *Fissidens pellucidus* Hornsch.

Specimen credentials: Records

28. *Fissidens bryoides* var. *esquirolii*

Specimen certificate: KBDS03180, Gangwon Province (IN)

Fissidens curvatus Hornsch.

Specimen certificate: Jeju KBDS02738 (IN)

Encalyptaceae (in)

(1) *Encalypta*

1. *Encalypta ciliata* Hedw.

Specimen Credence: Gangwon Province, NIBRMS0000108431 (NIBR)

2. *Encalypta procera* Bruch

Specimen credential: NIBRMS0000108154 (NIBR)

3. *Encalypta sinica* J. C. Zhao & Min Li

Encalypta Sinica

Xxiii. Funariaceae

(1) *Funaria*

1. *Funaria hygrometrica* Hedw.

Specimen credentials: South Jeolla Province, NIBRMS0000108562 (NIBR); North Gyeongsang Province, NIBRMS0000108512 (NIBR); Jeju Island, NIBRMS0000108337 (NIBR); Incheon City, NIBRMS0000108290 (NIBR); South Chungcheong Province, D.M. ChoeB155990 (ca.ubc)

(ii) *Physcomitrium*

1. *Physcomitrium japonicum* (Hedw.) Mitt.

Specimen credentials: Faurie, PC0133207 (MNHN); North Chungcheong Province, D.M. Choe B156008 (ca.ubc)

2. *Physcomitrium sphaericum* (C. Ludw.) Brid.

Specimen certificate: Faurie PC0133228 (MNHN), Busan City, China; Jeju Island, NIBRMS0000107125 (NIBR); South Gyeongsang Province, NIBRMS0000108669 (NIBR)

3. *Physcomitrium eurystomum* Sendtn.

Specimen Certificate: Incheon City, NIBRMS0000108288 (NIBR)

Xxiv. *Splachnaceae*

(1) The genus *Splachnum*

1. *Splachnum luteum* Hedw.

Proof of specimen: Record

(ii) *Tetraplodon*

1. *Tetraplodon angustatus* (Hedw.) Bruch & Schimp.

Proof of specimen: records

2 *Tetraplodon mnioides* (Hedw.) Bruch & Schimp.

Proof of specimen: Records

3 *Tetraplodon urceolatus* (Hedw.) Bruch & Schimp.

Proof of specimen: records

(2) The genus *Voitia*

1 *Voitia nivalis* Hornsch.

Proof of specimen: Records

The family *Meesiaceae*

(I) The genus *Meesia*

1. *Meesia uliginosa* Hedw.

Specimen voucher: NIBRMS0000108074 (NIBR)

2 Cold moss *Meesia longiseta* Hedw.

Proof of specimen: Records

(2) *Leptobryum*

1. *Leptobryum pyriforme* Wilson

Proof of specimen: record

Xvi. *Bartramiaceae*

(I) The genus *Bartramia*

1. *Bartramia pomiformis* Hedw.

Specimen credentials: Jeju Island, Taquet PC0719644 (MNHN); Seoul, Faurie PC0135294 (MNHN); North Gyeongsang Province, NIBRMS0000108550 (NIBR); South Jeolla Province, NIBRMS0000108544 (NIBR); Colo-b-0067497 (COLO); 7875 (TNS)

2 *Bartramia ithyphylla* Brid.

Specimen credential: NIBRMS0000108064 (NIBR)

(ii) The genus *Philonotis*

1. *Philonotis thwaitesii* Mitt.

Specimen certificate: Jeju Island, NIBRMS0000107673 (NIBR); Gangwon Province, NIBRMS0000108314 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134373 (MO)

2. *Philonotis fontana* Brid.

Specimen credentials: Faurie PC0117417 (MNHN), North Jeolla Province; Si He, North Gyeongsang Province; Jong-Suk Song 90134219 (MO)

3. *Philonotis coreensis* Cardot

Specimen credence: Faurie PC0133328 (MNHN), Jeju Island

4. *Philonotis falcata* (Hook.) Mitt.

Specimen credentials: North Jeolla Province, NIBRMS0000108614 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134208 (MO)

5 *Orthophyllum Philonotis marchica* Brid.

Specimen Credentials: NIBRMS0000108556 (NIBR), South Jeolla Province; MT00152904 (UdeM)

6 *Philonotis turneriana* Mitt.

Specimen credentials: Si He, Jeju Island; Jong-Suk Song100285344 (MO); NIBRMS0000108388 (NIBR)

7 *Philonotis hastata* Wijk & Marg.

Specimen Certificate: Gangwon Province, NIBRMS0000107444 (NIBR)

8. *Philonotis calcarea* Schimp.

Proof of specimen: record

9. *Philonotis fontana* var. *syriaca* (Lorentz) Paris

Taxidermy credentials: Records

10. *Philonotis lancifolia* Mitt.

Proof of specimen: Records

11. *Philonotis longiseta* (Michx.) E. Britton

Specimen credentials: Records

12. *Philonotis yezoana* Besch. & Cardot

Specimen credentials: Records

13. *Philonotis tenuissima* Cardot

Specimen credentials: Records

(iii) *Plagiopus*

1 *Plagiopus oederianus* (Sw.) H. A. Crum & L. E. Anderson

Specimen credential: NIBRMS0000108089 (NIBR)

(4) *Breutelia*

1 *Breutelia arundinifolia* (Duby) M. Fleisch.

Proof of specimen: Records

Orthotrichaceae

(1) *Macromitrium*

1. *Macromitrium japonicum* Dozy & Molk.

Specimen credentials: Faurie PC0137591 (MNHN), Gangwon Province; Seoul City, Taquet

PC0719709 (MNHN); Jeju Island, NIBRMS0000107201 (NIBR); Ulsan City, NIBRMS0000107943 (NIBR);

2. *Macromitrium clastophyllum* Cardot

Proof of specimen: Seoul City, Faurie PC0137636 (MNHN)

3 *Macromitrium gymnostomum* Sull. & Lesq.

Specimen Certificate: Jeju Island, NIBRMS0000106958 (NIBR)

4. *Macromitrium prolongatum* Mitt.

Specimen Certificate: Jeju Island, NIBRMS0000107891 (NIBR)

5 *Macromitrium ferriei* Cardot & Ther.

Specimen Certificate: Incheon City, NIBRMS0000108287 (NIBR)

6. *Macromitrium ousiense* Broth. & Paris

Specimen credentials: Jeju Island, Si He; Jong-Suk Song 100285346 (MO)

7. *Macrocoma tenuis* subsp. *sullivantii* (Mull. Hal.) Vitt

Proof of specimen: Records

8. *Macromitrium comatum* Mitt.

Proof of specimen: Records

9. *Macromitrium cavaleriei* Cardot & Ther.

Specimen credentials: Records

10. *Macromitrium hymenostomum* auct. non Mont.

Proof of specimen: Records

(ii) *Orthotrichum*

1. *Orthotrichum consobrinum* Cardot

Specimen Credentials: South Jeolla Province, NIBRMS0000108546 (NIBR); Jeju Island, NIBRMS0000107219 (NIBR); South Gyeongsang Province, NIBRMS0000108534 (NIBR); North Gyeongsang Province, NIBRMS0000108684 (NIBR)

2 *Orthotrichum erubescens* Mull. Hal.

Specimen Certificate: Gangwon Province, NIBRMS0000107249 (NIBR)

3 *Orthotrichum anomalum* Hedw.

Proof of specimen: Records

4 *Orthotrichum ibukiense* Toyama

Proof of specimen: Records

(3) The genus *Uloa*

1. *Uloa crispa* Brid.

Specimen Certificate: Jeju Island, NIBRMS0000107697 (NIBR)

2. *Uloa japonica* Mitt.

Specimen Certificate: Jeju Island, NIBRMS0000107880 (NIBR)

3. *Uloa eurystoma* Nog.

4 *Uloa eurystoma* *nog perbreviseta* Dixon & Sakurai

5. *Uloa reptans* Mitt *perbreviseta*.

(iv) *Macrocoma*

1. *Macrocoma sullivantii* Grout

Specimen credentials: Faurie, Urbain J., abbe, MT00144792 (MT) Marie-Victorin Herbarium

(v) *Lewinskya Herbarium*

1. *Lewinskya affinis* (Brid.) F. Lara, Garilleti & Goffinet

Proof of specimen: records

2. *Lewinskya sordida* (Sull. & Lesq.) F. Lara, Garilleti & Goffinet

Specimen credentials: records

3 *Lewinskya speciosa* (Nees) F. Lara, Garilleti & Goffinet

Specimen credentials: Records

4. *Lewinskya striata* (Hedw.) F. Lara, Garilleti & Goffinet

Specimen credentials: Records

Drummondiaceae

(I) *Drummondia*

1. *Drummondia sinensis* Mull. Hal.

Specimen credentials: Records

Xxix. Flexitrichaceae

(I) *Flexitrichum*

1. *Flexitrichum flexicaule* (Schwagr.) Ignatov & Fedosov

Specimen Certificate: Gyeonggi Province, NIBRMS0000107460 (NIBR)

Xiii. Hedwigiaceae

(1) *Hedwigia*

1. *Hedwigia ciliata* Ehrh. ex P. Beauv.

Specimen Certificate: North Gyeongsang Province, NIBRMS0000108578 (NIBR); Jeju Island, NIBRMS0000107148 (NIBR); Gangwon Province, NIBRMS0000108425 (NIBR); South Gyeongsang Province, NIBRMS0000108401 (NIBR); Ulsan City, NIBRMS0000108264 (NIBR); D.M. Choe B155994, South Chungcheong Province (ca.ubc)

2. *Hedwigia ciliata* var. *microcarpa* Cardot

Proof of specimen: Records

Thirty-one, Neckeraaceae

(I) The genus *Neckera*

1. *Neckera humilis* Mitt.

Specimen Certificate: Jeju Island, NIBRMS0000107188 (NIBR)

2. *Neckera flexiramea* Cardot

Specimen credentials: Jeju Island, U. J. Faurie 943795 (NY)

3. *Neckera fauriei* Cardot

Specimen credentials: Jeju Island, Si He; Jong-Suk Song 100285796 (MO);

4 Flat moss *Neckera pennata* Hedw.

Specimen Certificate: North Jeolla Province, NIBRMS0000106781 (NIBR)

5. *Neckera pusilla* Mitt.

Specimen Certificate: Jeju Island, NIBRMS0000107874 (NIBR)

6. *Neckera coreana* Cardot

Specimen credential: Faurie, PC0052678 (MNH)

(ii) *Thamnobryum*

1. *Thamnobryum plicatulum* Z. Iwats.

Specimen credentials: Jeju Island, NIBRMS0000107656 (NIBR); Jeolla Buk Province, NIBRMS0000106761 (NIBR)

2. *Thamnobryum subseriatum* B. C. Tan

Specimen certificate: Jeju Island, NIBRMS0000107135 (NIBR); South Jeolla Province,

NIBRMS0000108632 (NIBR); North Chungcheong Province, D.M. Choe B156027 (ca.ubc); North Gyeongsang Province, Si He; Jong-Suk Song 90134429 (MO)

3 Moxa Moss *Thamnobryum alopecurum* (Hedw.) Nieuwl.ex Gangulee

Proof of specimen: Si He, North Gyeongsang Province; Jong-Suk Song 90134430 (MO); Jeju, Si He; Jong-Suk Song 100285822 (MO)

4. *Thamnobryum coreanum* (Cardot) Nog. & Z. Iwats.

Specimen Certificate: North Gyeongsang Province, NIBRMS0000108461 (NIBR)

5. *Thamnobryum subserratum* Nog. & Z. Iwats.

Specimen credentials: Faurie, Urbain Jean H3314237 (H)

(iii) The genus *Homalia*

1. *Homalia trichomanoides* (Hedw.) Schimp.

Specimen certificate: South Gyeongsang Province, NIBRMS0000108529 (NIBR); North Gyeongsang Province, NIBRMS0000108453 (NIBR); Jeju Island, NIBRMS0000107853 (NIBR); Gangwon Province, NIBRMS0000107324 (NIBR)

(iv) *Homali dendron*

1. *Homali dendron scalpellifolium* (Mitt.) M. Fleisch.

Specimen Certificate: Jeju Island, NIBRMS0000106744 (NIBR)

2. Tree Sphagnum Moss *Homali dendron flabellatum* (Sm.) M. Fleisch.

Specimen credentials: D.M. Choe B155995 (ca.ubc), South Jeolla Province; Jeju Island, Si He; Jong-Suk Song 100285794 (MO)

(v) *Planicladium*

1. *Planicladium nitidulum* (Mitt.) S. Olsson, Enroth, Huttunen & D. Quandt

Specimen Certificate: Jeju Island, NIBRMS0000106737 (NIBR)

(vi) *Bissetia*

1. *Bissetia lingulata* (Mitt.) Broth.

Proof of specimen: Records

(VII) *Sphaerodon Forsstroemia*

1. *Forsstroemia trichomitria* (Hedw.) Lindb.

Specimen credentials: Jeju Island, Taquet PC0719827 (MNHH); North Chungcheong Province, NIBRMS0000107297 (NIBR); North Gyeongsang Province, NIBRMS0000108464 (NIBR); Incheon City, NIBRMS0000108362 (NIBR)

2. *Forsstroemia japonica* (Besch.) Paris

Specimen certificate: Jeju Island, NIBRMS0000107207 (NIBR); North Gyeongsang Province, NIBRMS0000108452 (NIBR); Gangwon Province, NIBRMS0000108436 (NIBR); South Gyeongsang Province, NIBRMS0000108688 (NIBR)

3. *Forsstroemia neckeroides* Broth.

Specimen credentials: Jeju Island, NIBRMS0000107213 (NIBR); Gyeongsangbuk-do, NIBRMS0000108460 (NIBR); Gangwon Province, NIBRMS0000108607 (NIBR); D.M. Choe B155987, South Chungcheong Province (ca.ubc)

4. *Forsstroemia konoi* (Broth.) Enroth, Fedosov & Ignatov

Specimen credentials: Jeju Island, NIBRMS0000107213 (NIBR); Gangwon Province, D.M. Choe B156006 (ca.ubc)

5. *Pseudocryptodontia Forsstroemia cryphaeoides* Cardot

Proof of specimen: records

6. *Forsstroemia yezoana* (Besch.) S. Olsson, Enroth & D. Quandt

Specimen certificate: Jeju Island, NIBRMS0000107211 (NIBR)

7. *Forsstroemia goughiana* (Mitt.) S. Olsson, Enroth & D. Quandt

Specimen Certificate: Gangwon Province, NIBRMS0000107480 (NIBR)

Xxii, Lembophyllaceae

(I) *Isotheciastrum*

Isotheciastrum subdiversiforme (Broth.) Ignatova, Fedosov & Ignatov

Specimen credentials: North Jeolla Province, NIBRMS0000106799 (NIBR);

(2) *Isothecium* SPP

1. *Isothecium hakkodense* Besch.

Proof of specimen: Records

(3) The genus *Dolichomitra*

one *Dolichomitra cymbifolia* Broth.

Specimen credentials: Records

(iv) *Dolichomitriopsis*

1. *Dolichomitriopsis diversiformis* Nog.

Specimen certificate: Jeju Island, NIBRMS0000107204 (NIBR); South Gyeongsang Province, NIBRMS0000108704 (NIBR)

(5) *Tripterocladium*

1. *Tripterocladium coreanum* Sakurai

Specimen credential: Records

Xiii, Sphagnaceae Fontinalaceae

(I) The genus *Fontinalis*

1. *Fontinalis perfida* Cardot

Specimen Credentials: U. J. Faurie 1273064 (NY), North Jeolla Province

2 Sphagnum *Fontinalis antipyretica* Hedw.

Proof of specimen: Records

3. Sphagnum pinnata *Fontinalis hypnoides* Hartm.

Specimen credentials: Records

4. *Fontinalis squamosa* Hedw.

Proof of specimen: Records

Thirty-four, Leucodontaceae

(1) The genus *Leucodon*

1. *Leucodon coreensis* Cardot

Specimen credentials: Faurie PC0696282 (MNH), Gangwon Province, Korea; D.M. Choe B156002 (ca.ubc), South Gyeongsang Province; Jeju Island, Si He; Jong-Suk Song 100285719 (MO)

2 *Leucodon exaltatus* Mull.Hal.

Specimen certificate: IFJBPL201511136949 (IFJBPL)

3. *Leucodon nipponicus* Nog.

Specimen Certificate: Ulsan City, NIBRMS0000107945 (NIBR)

4. *Leucodon flagellaris* Broth.

Specimen Credential: NIBRMS0000108132 (NIBR)

5. *Leucodon pendulus* Lindb.

Specimen credentials: Gangwon Province, D.M. Choe B156003 (ca.ubc)

6. *Leucodon atrovirens* Nog.

Proof of specimen: Records

7 *Leucodon secundus* var. *strictus* (Harv.) Akiyama

Specimen credentials: Records

8. *Leucodon formosanus* H. Akiyama

Specimen credentials: Records

9. *Leucodon sapporensis* Besch.

Specimen credentials: Records

10. *Leucodon sciuroides* (Hedw.) Schwagr.

Proof of specimen: Records

11. *Leucodon secundus* (Harv.) Mitt.

Specimen credentials: Records

(2) The genus *Monodon* is *Dozya*

1. *Dozya japonica* Sande Lac.

Proof of specimen: Records

Climaciaceae

(I) *Climacium*

Climacium japonicum Lindb.

Specimen certificate: Jeju Island, NIBRMS0000107672 (NIBR); North Gyeongsang Province, NIBRMS0000108467 (NIBR); North Jeolla Province, NIBRMS0000108616 (NIBR); Cinc-b-0056567 (CINC); Gangwon Province, D.M. Choe B155977 (ca.ubc)

2. *Climacium dendroides* F. Weber & D. Mohr

Specimen credentials: Gangwon Province, NIBRMS0000107950 (NIBR); Gyeonggi Province, PSJ 20190705-1 (PSJ); Chungcheongbuk Province, ca.ubc B155976 (D.M. Choe)

(ii) *Pleuroziopsis*

Pleuroziopsis ruthenica Kindb.ex Britton

Specimen voucher: NIBRMS0000108076 (NIBR); IFJBPL201511136963 (IFJBPL)

Hypopterygiaceae

Hypopterygium is a genus of *hypopterygium*

1. *Hypopterygium flavolimbatum* Mull. Hal.

Proof of specimen: Records

Plagiotheciaceae

(1) The genus *Herzogiella*

1. *Herzogiella perrobusta* (Broth. ex Cardot) Z. Iwats.

Specimen certificate: Ulsan City, NIBRMS0000107942 (NIBR); North Jeolla Province, NIBRMS0000107917 (NIBR)

2 Bog-grown grey Moss *Herzogiella turfacea* (Lindb.) Z. Iwats.

Specimen Certificate: Ulsan City, NIBRMS0000107925 (NIBR)

Plagiothecium

Plagiothecium nemorale (Mitt.) A. Jaeger

Specimen certificate: Jeju Island, NIBRMS0000107683 (NIBR); South Jeolla Province, NIBRMS0000108501 (NIBR); North Jeolla Province, NIBRMS0000106783 (NIBR); Ulsan City, NIBRMS0000107936 (NIBR); South Gyeongsang Province, NIBRMS0000108712

(NIBR); Incheon City, NIBRMS0000108285 (NIBR); Kangwon Province, NIBRMS0000107308 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134378 (MO)

2 *Plagiothecium cavifolium* (Brid.) Z. Iwats.

Specimen certificate: Ulsan City, NIBRMS0000107923 (NIBR); Incheon City, NIBRMS0000108282 (NIBR); Kangwon Province, NIBRMS0000107314 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134375 (MO)

3. *Plagiothecium denticulatum* (Hedw.) Schimp.

Specimen certificate: Faurie PC0132642 (MNHN), Pyongyang City; Incheon City, NIBRMS0000108360 (NIBR); Ulsan City, NIBRMS0000108263 (NIBR); Gangwon Province, D.M. Choe B156010 (ca.ubc); Pyongyang, Faurie MT00152899 (UdeM)

4 *Plagiothecium euryphyllum* (Cardot & Ther.) Z. Iwats.

Specimen certificate: Ulsan City, NIBRMS0000107930 (NIBR); Jeju Island, NIBRMS0000107843 (NIBR);

5 *Plagiothecium laetum* Schimp.

Specimen Certificate: South Jeolla Province, NIBRMS0000108628 (NIBR)

6. *Plagiothecium platycladum* (Cardot) Broth.

Specimen Credentials: Faurie, PC0132611 (MNHN)

7. *Plagiothecium depressum* (Brid.) Spruce

Taxidermy credentials: Records

8. *Plagiothecium neckeroideum* Schimp.

Taxidermy credentials: Records

9 *Plagiothecium piliferum* (Sw.) Schimp.

Specimen credentials: Records

10 *Plagiothecium succulentum* (Wilson) Lindb.

Taxidermy credentials: Records

(3) *Isopterygiopsis*

1. *Isopterygiopsis muelleriana* (Schimp.) Z. Iwats.

Specimen Certificate: Jeju Island, NIBRMS0000107694 (NIBR)

(4) *Myurella*

1. *Myurella sibirica* (Mull. Hal.) Reimers

Specimen Certificate: Gangwon Province, NIBRMS0000108473 (NIBR)

2. *Myurella julacea* (Schwagr.) Schimp.

Specimen credential: S.Ark, PSJ-17123151 MT850126

3. *Myurella tenerrima* (Brid.) Lindb.

Proof of specimen: records

(5) *Pseudoamblystegium*

1. *Pseudoamblystegium subtile* (Hedw.) Vanderp. & Hedenas

Specimen Certificate: Gangwon Province, NIBRMS0000107472 (NIBR)

Xxviii. Pylaisiadelphaceae

(1) *Pylaisiadelpha*

1. *Pylaisiadelpha tenuirostris* (Bruch & Schimp. ex Sull.) W. R. Buck

Specimen certificate: North Chungcheong Province, NIBRMS0000107296 (NIBR); Jeju Island, NIBRMS0000106720 (NIBR), North Jeolla Province, D.M. Choe B156017 (ca.ubc)

South Chungcheong Province, D.M. Choe B155975 (ca.ubc)

2. *Pylaisiadelpha yokohamae* (Broth.) W. R. Buck

Specimen credentials: Si He, Jeju; Jong-Suk Song 100284810 (MO)

3. *Pylaisiadelpha tristoviridis* (Broth.) Afonina, Tsubota & Ignatova

Proof of specimen: Records

(2) *Isopterygium*

1. *Isopterygium minutirameum* (Mull. Hal.) A. Jaeger

Specimen certificate: North Jeolla Province, NIBRMS0000106760 (NIBR); Jeju Island, NIBRMS0000107171 (NIBR)

2 *Isopterygium albescens* (Hook.) A. Jaeger

Specimen Certificate: North Jeolla Province, NIBRMS0000106772 (NIBR)

(iii) *Platygyrium*

1. *Platygyrium repens* (Brid.) Schimp.

Specimen certificate: Jeju Island, NIBRMS0000107223 (NIBR)

(IV) *Brotherella*

1. *Brotherella henonii* (Duby) M. Fleisch.

Specimen Certificate: Jeju Island, NIBRMS0000107167 (NIBR)

2 *Brotherella fauriei* (Cardot) Broth, East Asia.

Specimen Certificate: Jeju Island, NIBRMS0000106818 (NIBR)

3. *Brotherella coreana* Sakurai

Specimen certificate: record

4 Outward-curved Small *Camellia recurvans* (Michx.) M. Fleisch.

Taxidermy credentials: Records

5. *Brotherella tenuirostris* (Bruch & Schimp. ex Sull.) Broth.

Taxidermy credentials: Records

(5) The genus *Fauriella*

1. *Fauriella tenuis* (Mitt.) Cardot

Certificate of specimen: City of Seoul, Taquet PC0720143 (MNHN); Jeju Island, JNHM-PL-0000206 (NSMK); Jeolla Buk, NIBRMS0000106776 (NIBR); Kangwon Province, NIBRMS0000108485 (NIBR); Gyeonggi Province, NIBRMS0000108271 (NIBR); Gyeongnam Province, NIBRMS0000108697 (NIBR); North Gyeongsang Province, NIBRMS0000108679 (NIBR); South Jeolla Province, NIBRMS0000108623 (NIBR)

(6) *Taxithelium*

1. *Taxithelium lindbergii* (A. Jaeger) Renauld & Cardot

Proof of specimen: Records

39. Fabroniaceae

(1) The genus *Fabronia*

1. *Fabronia ciliaris* (Brid.) Brid.

Specimen certificate: South Jeolla Province, NIBRMS0000108547 (NIBR); Gangwon Province, NIBRMS0000108437 (NIBR)

2. *Fabronia matsumurae* Besch.

Specimen Certificate: Gangwon Province, NIBRMS0000107300 (NIBR)

40. Amblystegiaceae

(1) *Amblystegium*

1. *Campylium chrysophyllum* (Brid.) Lange
Specimen credentials: Timo Koponen 357315 (PE), Changbai Mountain; North Chungcheong Province, D.M. Choe B155973 (ca.ubc)
 - 2 Fine wet moss *Campylium hispidulum* (Brid.) Mitt.
Specimen certificate: Gangwon Province, Faurie PC0701459 (MNHN)
 3. *Campylium radicale* (P.Beauv.) Grout
Specimen credentials: Jeju Island, Si He; Jong-Suk Song 100284766 (MO)
 - 4 *Campylium stellatum* (Hedw.) C. E. O. Jensen
Specimen Certificate: Gangwon Province, NIBRMS0000108440 (NIBR)
 5. *Campylium rufochryseum* (Schimp. ex Besch.) Broth.
Specimen credentials: Faurie, Urbain J., abbe MT00153435 (UdeM) Universite de Montreal Biodiversity Centre
 6. *Campylium squarrosulum* Kanda
Proof of specimen: record
 7. *Campylium hispidulum* var. *hispidulum*
Specimen credentials: Faurie, Urbain J., abbe MT00151703 (UdeM)
- (ii) The genus *Cratoneuron*
1. *Cratoneuron filicinum* (Hedw.) Spruce
Specimen certificate: North Chungcheong Province, NIBRMS0000107295 (NIBR); Gangwon Province, NIBRMS0000107265 (NIBR); South Jeolla Province, NIBRMS0000108540 (NIBR)
- (3) *Amblystegium*
1. *Amblystegium serpens* (Hedw.) Schimp.
Specimen certificate: Gangwon Province, NIBRMS0000107342 (NIBR); James R. Shevock 100251890 (MO), Gyeonggi Province
 2. *Amblystegium subulatum* Cardot
Proof of specimen: Records
- (4) *Hygroamblystegium*
1. *Hygroamblystegium humile* (p.Breauv.) Vanderp., Hedenas & Goffinet
Specimen Credentials: Seoul, Faurie PC0657834 (MNHN)
 2. Wet Willow Moss *Hygroamblystegium tenax* (Hedw.) Jenn.
Proof of specimen: Si He, North Gyeongsang Province; Jong-Suk Song 90134404 (MO)
- (5) *Leptodictyum*
1. *Leptodictyum riparium* (Hedw.) Warnst.
Specimen Certificate: North Gyeongsang Province, NIBRMS0000108508 (NIBR)
 2. *Leptodictyum humile* (P. Beauv.) Ochyra
Specimen credentials: Records
- 6) *Pseudocampylium*
1. *Pseudocampylium radicale* (P.Beeauv.) Vanderp. & Hedenas
Pseudocampylium
- (7) *Sasaokaea*
1. *Sasaokaea aomoriensis* (Paris) Kanda
Specimen certificate: North Jeolla Province, NIBRMS0000107863 (NIBR)
- (8) *Drepanocladus*

1 *Drepanocladus aduncus* (Hedw.) Warnst.

Proof of specimen: Records

2. *Drepanocladus sendtneri* (Schimp.) Warnst.

Proof of specimen: Records

3 *Drepanocladus polygamus* (Schimp.) Hedenas

Specimen credentials: Si He, Jeju Island; Jong-Suk Song 100284809 (MO)

(ix) *Palustriella*

1 *Palustriella commutata* Ochyra

Proof of specimen: records

2. *Palustriella falcata* (Brid.) Hedenas

Proof of specimen: records

(10) *Ochyraea*

1. *Ochyraea mollis* (Hedw.) Ignatov

Proof of specimen: Records

(11) *Anacamptodon*

1. *Anacamptodon fortunei* Mitt.

Proof of specimen: records

2 *Anacamptodon latidens* (Besch.) Broth.

Proof of specimen: Records

41, Hypnaceae

(I) *Hypnum*

1. *Hypnum plumaeforme* Wilson

Specimen certificate: Jeju Island, NIBRMS0000107234 (NIBR); Jeolla Buk Province, NIBRMS0000106765 (NIBR); Gyeonggi Province, NIBRMS0000108409 (NIBR); Incheon City, NIBRMS0000108365 (NIBR); D.M. Choe B155997, South Chungcheong Province (ca.ubc)

2. *Hypnum plicatulum* (Lindb.) A.Jaeger

Specimen credentials: Jeju Island, Si He; Jong-Suk Song 100284863 (MO)

3. *Hypnum cupressiforme* L. ex Hedw.

Specimen Certificate: Gyeonggi Province, NIBRMS0000107459 (NIBR)

4. *Hypnum sakuraii* (Sakurai) Ando

Specimen Certificate: Jeju Island, NIBRMS0000107431 (NIBR)

5 *Hypnum hamulosum* Schimp.

Proof of specimen: Records

6 *Hypnum subimponens* Lesq.

Specimen credentials: Records

7 *Hypnum subimponens* subsp. *ulophyllum* (Mull. Hal.) Ando

Proof of specimen: records

8 *Hypnum leptothallum* (Mull. Hal.) Paris

Specimen certificate: North Chungcheong Province, NIBRMS0000107283 (NIBR); Gangwon Province, NIBRMS0000107268 (NIBR); Jeju Island, NIBRMS0000107137 (NIBR)

9. *Hypnum tristoviride* (Broth.) Paris

Specimen credentials: Records

(2) The genus *Jochenia*

1. *Jochenia pallescens* (Hedw.) Hedenas, Schlesak & D. Quandt

Specimen certificate: record

(3) *Callicladium*

1. *Callicladium haldanianum* H. A. Crum

Specimen certificate: Jeju Island, NIBRMS0000107231 (NIBR); Gangwon Province, NIBRMS0000107946 (NIBR); South Gyeongsang Province, D.M. Choe B155970 (ca.ubc)

2. *Callicladium fujiyamae* (Broth.) Jan Kucera & Ignatov

Proof of specimen: Records

(4) *Glossadelphus*

1. *Glossadelphus ogatae* Broth. & Yasuda

Specimen credentials: James R. Shevock, 90216789 (MO); James R. Shevock, 90054021 (MO)

(v) *Breidleria*

1. *Breidleria erectiuscula* (Sull. & Lesq.) Hedenas

Specimen certificate: Jeju Island, NIBRMS0000107092 (NIBR);

2. *Breidleria pratensis* (W. D. J. Koch ex Spruce) Loeske

Proof of specimen: Records

(6) *Pseudotaxiphyllum*

1. *Pseudotaxiphyllum pohliaecarpum* (Sull. & Lesq.) Z. Iwats.

Specimen certificate: North Jeolla Province, NIBRMS0000106790 (NIBR); Jeju Island, NIBRMS0000107162 (NIBR); Gyeongsangbuk-do, NIBRMS0000108647 (NIBR);

2. *Pseudotaxiphyllum densum* (Cardot) Z. Iwats.

Specimen Certificate: Gangwon Province, NIBRMS0000107350 (NIBR)

3. *Pseudotaxiphyllum elegans* (Brid.) Z. Iwats.

Specimen credentials: Records

(VII) *Ptilium*

1. *Ptilium crista-castrensis* (Hedw.) De Not.

Specimen voucher: IFJBPL201511136952 (IFJBPL)

Anomodontaceae

Anomodon

1. *Anomodon minor* Lindb.

Specimen certificate: North Chungcheong Province, NIBRMS0000107285 (NIBR); Gangwon Province, NIBRMS0000107255 (NIBR); Jeju Island, NIBRMS0000107660 (NIBR); South Gyeongsang Province, NIBRMS0000108403 (NIBR); North Gyeongsang Province, NIBRMS0000108636 (NIBR)

2. *Anomodon rugelii* (Mull. Hal.) Keissl.

Specimen certificate: North Gyeongsang Province, NIBRMS0000108457 (NIBR); Gangwon Province, NIBRMS0000108413 (NIBR); South Gyeongsang Province, NIBRMS0000108686 (NIBR); North Jeolla Province, NIBRMS0000108617 (NIBR); Jeju Island, Si He; Jong-Suk Song 100285660 (MO)

3. *Anomodon viticulosus* (Hedw.) Hook. & Taylor

Specimen credentials: Jeju Island, Taquet PC0720162 (MNHN); Chungcheongbuk Province, NIBRMS0000107456 (NIBR)

4. *Anomodon abbreviatus* Mitt.

Specimen Certificate: Jeju Island, NIBRMS0000107212 (NIBR)

5. *Anomodon longinervis* Broth.

Specimen credentials: Jeju, Si He; Jong-Suk Song 100285104 (MO)

6 *Anomodon thraustus* Mull. Hal.

Specimen Certificate: South Gyeongsang Province, NIBRMS0000108395 (NIBR)

7. *Anomodon sieboldii* (Dozy & Molk.) Granzow

Specimen Certificate: Chaojin City, Jeju Island, NIBRMS0000107794 (NIBR)

8. *Anomodon longifolius* (Schleich.ex Brid.) Hartm.

Proof of specimen: Si He, North Gyeongsang Province; Jong-Suk Song 90134390 (MO)

9 *Anomodon dentatus* C.Gao

Specimen credentials: Records

10. *Anomodon solovjovii* Laz.

Specimen credentials: Records

(2) The genus *Herpetineuron*

1. *Herpetineuron toccoe* (Sull. & Lesq.) Cardot

Specimen certificate: Seoul City, Taquet PC0720175 (MNHN); Namwon City, North Jeolla Province, NIBRMS0000106813 (NIBR); Chaojin, Jeju Island, NIBRMS0000107655 (NIBR); Gangwon Province, NIBRMS0000108494 (NIBR); South Gyeongsang Province, NIBRMS0000108422 (NIBR); Jeju Island, Si He; Jong-Suk Song 100285701 (MO)

Haplohymenium

1 *Haplohymenium longinerve* (Broth.) Broth.

Specimen credentials: Si He, North Gyeongsang Province; Jong-Suk Song 90134357 (MO); Jeju, Si He; Jong-Suk Song 100285104 (MO)

2 *Haplohymenium sieboldii* (Dozy & Molk.) Dozy & Molk.

Specimen Certificate: Jeju Island, NIBRMS0000107236 (NIBR)

3. *Haplohymenium triste* (Ces.) Kindb.

Specimen Certificate: Ulsan City, NIBRMS0000107932 (NIBR)

(3) *Schwetschkeopsis*

1. *Schwetschkeopsis fabronia* (Schwagr.) Broth.

Specimen credentials: North Chungcheong Province, NIBRMS0000107298 (NIBR); North Jeolla Province, NIBRMS0000106793 (NIBR); Jeju Island, NIBRMS0000107147 (NIBR); South Gyeongsang Province, NIBRMS0000108710 (NIBR); Gangwon Province, NIBRMS0000107345 (NIBR)

2. *Schwetschkeopsis robustula* (Broth.) Ando

Proof of specimen: records

(4) *Pseudanomodon*

1. *Pseudanomodon giraldii* (Mull. Hal.) Ignatov & Fedosov

Specimen certificate: Jeju Island, Taquet PC0720163 (MNHN)

Forty-three, *Scorpidiaceae*

(1) *Sanionia*

1. *Sanionia uncinata* (Hedw.) Loeske

Proof of specimen: record

(2) *Scorpidium*

1. *Scorpidium revolvens* (Sw.) Rubers

Proof of specimen: Records

2. *Scorpidium cossonii* (Schimp.) Hedenas

Proof of specimen: Records

(3) *Hygrohypnella*

1. *Hygrohypnella ochracea* (Turner ex Wilson) Ignatov & Ignatova

Specimen certificate: NIBRMS0000108131 (NIBR)

(4) *Hygrohypnum*

1. *Hygrohypnum coreanum* Cardot

Specimen certificate: record

2. *Hygrohypnum duriusculum* (De Not.) D.W.Jamieson

Specimen certificate: NIBRMS0000108134 (NIBR)

3 *Hygrohypnum luridum* (Hedw.) Jenn.

Proof of specimen: record

4 *Hygrohypnum purpurascens*

Specimen credentials: Records

44. Leskeaceae

1. *Haplocladium*

1. *Haplocladium angustifolium* (Hampe & Mull. Hal.) Broth.

Specimen credentials: City of Seoul, Taquet PC0720213 (MNHN); Gangwon Province, NIBRMS0000107257 (NIBR); Jeju Island, NIBRMS0000107191 (NIBR); Incheon City, NIBRMS0000108276 (NIBR); Gyeongsangbuk-do, NIBRMS0000108654 (NIBR)

2 *Haplocladium microphyllum* (Hedw.) Broth.

Specimen credentials: City of Seoul, Taquet PC0720207 (MNHN); Gyeongsangbuk-do, NIBRMS0000108451 (NIBR); Incheon City, NIBRMS0000108277 (NIBR); Kangwon Province, NIBRMS0000107316 (NIBR); Jeju, D.M. Choe B155993 (ca.ubc); Faurie MT00145772, Gangwon Province, North Korea (UdeM)

3. *Haplocladium stratosum* (Mitt.) Dixon

Specimen credential: James R. Shevock 100275526 (MO.)

4. *Haplocladium discolor* (Broth. & Paris) Broth.

Specimen certificate: NIBRMS0000108085 (NIBR)

5. *Haplocladium perparaphyllum* R.Watan.

Proof of specimen: records

6. *Haplocladium strictulum* (Cardot) Reimers

Specimen credentials: Records

2. The genus *Claopodium*

1. *Claopodium aciculum* (Broth.) Broth.

Specimen credentials: Jeju Island, Taquet PC0720212 (MNHN)

2. *Claopodium pellucinerve* Best

Specimen certificate: North Gyeongsang Province, NIBRMS0000108458 (NIBR); Jeju Island, NIBRMS0000107910 (NIBR); Gangwon Province, NIBRMS0000107320 (NIBR); South Jeolla Province, NIBRMS0000108625 (NIBR)

3 *Claopodium gracillimum* (Cardot & Ther.) Nog.

Specimen Certificate: South Jeolla Province, NIBRMS0000107427 (NIBR)

4. *Claopodium assurgens* (Sull. & Lesq.) C

Specimen certificate: Faurie H3311438 (H)

5. *Claopodium prionophyllum* (Mull. Hal.) Broth.

Proof of specimen: Documentation

(3) *Pseudoleskeopsis*

1. Broth, *Pseudoleskeopsis zippelii* (Dozy & Molk.).

Specimen credentials: North Jeolla Province, NIBRMS0000107602 (NIBR); North Chungcheong Province, NIBRMS0000107451 (NIBR); Kangwon Province, NIBRMS0000107450 (NIBR); Seoul City, Faurie PC0129691 (MNHN)

2. *Pseudoleskeopsis mollicula* Cardot

Specimen credentials: Records

(4) *Pseudoleskea*

1. *Pseudoleskea coreana* Uno & Takahasi

Specimen Credentials: 1981 (NUM)

(V) *Hylocomiopsis*

1. *Hylocomiopsis ovicarpa* Cardot

Proof of specimen: record

(6) The genus *Thuidium*

1. *Thuidium kanedae* Sakurai

Specimen credentials: North Jeolla Province, NIBRMS0000107610 (NIBR); North Gyeongsang Province, NIBRMS0000108448 (NIBR); Jeju Island, NIBRMS0000107573 (NIBR); Gangwon Province, NIBRMS0000107947 (NIBR); South Gyeongsang Province, NIBRMS0000108706 (NIBR); D.m.hoe B156029, South Chungcheong Province (ca.ubc);

2. *Thuidium cymbifolium* (Dozy & Molk.) Dozy & Molk.

Specimen credentials: North Jeolla Province, NIBRMS0000107596 (NIBR); Ulsan City, NIBRMS0000108267 (NIBR); Kangwon Province, NIBRMS0000107341 (NIBR); North Chungcheong Province, N.MChoe B156028 (ca.ubc); Jeju Island, Si He; Jong-Suk Song 100285106 (MO)

3. *Thuidium submicropteris* Cardot

Specimen certificate: Gangwon Province, NIBRMS0000107495 (NIBR); Jeju Island, NIBRMS0000107842 (NIBR); South Gyeongsang Province, NIBRMS0000108694 (NIBR)

4. Grey Trichodonium *Thuidium pristocalyx* (Mull. Hal.) A. Jaeger

Specimen Certificate: Jeju Island, NIBRMS0000108346 (NIBR)

5 *Thuidium delicatulum* (Hedw.) Mitt.

Specimen credentials: Jeju Island, Si He; Jong-Suk Song 100285155 (MO)

6. *Thuidium subglaucinum* Cardot

Specimen certificate: Jeju Island, NIBRMS0000107883 (NIBR); Jeolla Buk Province, NIBRMS0000107862 (NIBR)

7 Mosses *Thuidium tamariscinum* (Hedw.) Schimp.

Specimen Certificate: Gangwon Province, NIBRMS0000107952 (NIBR)

8. *Thuidium assimile* (Mitt.) A. Jaeger

Specimen credentials: Records

9 Haplochondrium *Thuidium recognitum* Lindb.

Specimen credentials: Records

(7) *Abietinella*

one *Abietinella abietina* (Hedw.) M. Fleisch.

Specimen certificate: record

8. *Orthoamblystegium*

1. *Orthoamblystegium spuriosubtile* (Broth. & Paris) Kanda & Nog.

Specimen certificate: NIBRMS0000107476 (NIBR)

(9) The genus *Leskeella*

1. *Leskeella pusilla* Nog.

Specimen certificate: Seogwipo City, NIBRMS0000107439 (NIBR); Ulsan City, NIBRMS0000108260 (NIBR)

2. *Leskeella nervosa* (Brid.) Loeske

Proof of specimen: Records

(10) *Iwatsukiella*

1. *Iwatsukiella leucotricha* (Mitt.) W. R. Buck & Crum

Specimen credentials: D.M.Cahoe B156000 (ca.ubc)

(XI) The genus *Leskea*

one *Leskea polycarpa* Ehrh. ex Hedw.

Specimen credentials: Si He, North Gyeongsang Province; Jong-Suk Song 90134391 (MO)

(twelve) *Helodium*

1. *Helodium paludosum* (Austin) Broth.

Proof of specimen: Records

2 Broth of the East Asian marsh moss, *Helodium sachalinense* (Lindb.).

Proof of specimen: Records

(XIII) *Boulaya*

1. *Boulaya mittenii* (Broth.) Cardot

Specimen credentials: Jeju Island, Taquet PC0720217 (MNHN); Gyeongsangbuk-do, NIBRMS0000108648 (NIBR); And D.M.Cohoe B155968, North Jeolla Province (ca.ubc)

(14) *Bryohaplocladium*

1. *Bryohaplocladium strictulum* (Cardot) R.Watan. & Z.Iwats.

Proof of specimen: Records

(15) *Pelekium*

one *Pelekium versicolor* Touw

Specimen credentials: Jeju Island, NIBRMS0000107663 (NIBR); Jeolla Buk Province, NIBRMS0000106759 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134425 (MO)

2. *Pelekium pygmaeum* Touw

Specimen Certificate: Jeju Island, NIBRMS0000107437 (NIBR)

3. *Pelekium microphyllum* (Schwagr.) T. J. Kop. & Touw

Specimen certificate: record

4. *Pelekium minutulum* (Hedw.) A.Touw

Specimen credentials: records

(16) *Bryonoguchia*

1. *Bryonoguchia molkenboeri* (Sande Lac.) Z. Iwats. & Inoue

Specimen Certificate: Gangwon Province, NIBRMS0000108441 (NIBR)

(XVII) *Rauiella*

1. *Rauiella fujisana* (Paris) Reimers

Specimen credentials: Faurie MT00145770 (UdeM), Gangwon Province, North Korea

(XVIII) *Actinohuidium*

1. *Actinohuidium hookeri* (Mitt.) Broth.

Proof of specimen: records

Forty-five, Polytrichaceae

(1) The genus *Atrichum*

1. *Atrichum rhystophyllum* (Mull. Hal.) Paris

Specimen credentials: City of Seoul, Taquet PC0720910 (MNHN); North Jeolla Province, NIBRMS0000107918 (NIBR); Jeju Island, NIBRMS0000107030 (NIBR); Ulsan City, NIBRMS0000108268 (NIBR); Gyeongsangbuk-do, NIBRMS0000108674 (NIBR)

Atrichum undulatum var. *gracilisetum* Besch. *Atrichum undulatum* var. *gracilisetum* besch.

Specimen credentials: South Jeolla Province, NIBRMS0000108572 (NIBR); South Gyeongsang Province, NIBRMS0000108525 (NIBR); Ulsan City, NIBRMS0000107941 (NIBR); Jeju Island, NIBRMS0000106974 (NIBR); Gangwon Province, NIBRMS0000107336 (NIBR); Seoul City, Paul L. Redfearn 103287333 (MO); Gyeonggi Province, James R. Shevock 103283172 (MO); D.E.C. hoe B155963, South Chungcheong Province (ca.ubc)

3. *Atrichum subserratum* (Hook.) Mitt.

Specimen credence: Sakurai HA.H3007734 (H)

4. *Acanthopterygium crispum* (James) Sull.

Proof of specimen: Si He, North Gyeongsang Province; Jong-Suk Song 90134441 (MO); Jeju, Si He; Jong-Suk Song 100285199 (MO)

5 East Asian hippopterygium *Atrichum yakushimense* (Horik.) Mizut.

Specimen certificate: Jeju Island, NIBRMS0000107434 (NIBR); South Gyeongsang Province, NIBRMS0000108668 (NIBR)

6. *Sphagnum sphagnum atrichum crispulum* Schimp.ex Besch.

Specimen certificate: Faurie B58728 (S), Jeju Island

7. *Atrichum altecristatum* (Renauld & Cardot) Smyth & Smyth, Lumina C.Riddle

Taxidermy credentials: Records

8 *Atrichum tenellum* (Rohl.) Bruch & Schimp.

Atrichum Tenellum (Rohl)

(2) *Pogonatum*

1. *Pogonatum inflexum* (Lindb.) Sande Lac.

Specimen certificate: Gangwon Province, NIBRMS0000108582 (NIBR); Jeju Island, NIBRMS0000107229 (NIBR); North Jeolla Province, NIBRMS0000107922 (NIBR); Gyeonggi Province, NIBRMS0000108384 (NIBR)

2 *Pogonatum spinulosum* Mitt.

Specimen credentials: Jeju Island, Taquet PC0720953 (MHNH); Gangwon Province, NIBRMS0000108589 (NIBR); South Gyeongsang Province, NIBRMS0000108532 (NIBR); South Jeolla Province, NIBRMS0000108500 (NIBR); Gyeonggi Province, Lai HA.H3239383 (H)

3 *Pogonatum neesii* (Mull. Hal.) Dozy

Specimen certificate: Jeju Island, NIBRMS0000107230 (NIBR); Incheon City, NIBRMS0000108349 (NIBR); Chungcheongbuk Province, Lai HA.H3238609 (H); Gyeonggi Province, HA.H3238610 (H); D. e. hoe B156014, South Chungcheong Province (ca.ubc)

4 *Pogonatum contortum* (Brid.) Lesq.

Specimen certificate: Jeju Island, NIBRMS0000106705 (NIBR); Gwangju Metropolitan City, DeMoise 107846, China (DUKE); Gyeongsangbuk-do, Si He; Jong-Suk Song 90134440 (MO)

5 *Pogonatum urnigerum* (Hedw.) P. Beauv.

Specimen Certificate: North Gyeongsang Province, NIBRMS0000108675 (NIBR)

6. *Pogonatum japonicum* Sull.& Lesq.

Specimen certificate: NIBRMS0000108091 (NIBR)

7. *Pogonatum dentatum* (Brid.) Brid.

Proof of specimen: Records

8. *Pogonatum nipponicum* Nog. & Osada

Proof of specimen: Records

(3) *Polytrichastrum*

1. *Polytrichastrum formosum* G. L. Sm.

Specimen credentials: Si He, North Gyeongsang Province; Jong-Suk Song 90134443 (MO); Jeju, Si He; Jong-Suk Song 100285233 (MO)

2 *Polytrichastrum alpinum* (Hedw.) G. L. Sm.

Specimen credentials: Si He, Jeju Island; Jong-Suk Song 100285223 (MO)

3 *Polytrichastrum longisetum* (Sw.ex Brid.) G. Sm.

Proof of specimen: records

4. *Polytrichastrum pallidisetum* (Funck) G.L.Sm.

Taxidermy credentials: Records

(IV) *Polytrichum*

1. *Polytrichum commune* Hedw.

Specimen credentials: Gangwon Province, NIBRMS0000107951 (NIBR); Jeju Island, NIBRMS0000107436 (NIBR); South Gyeongna Province, D.E.Cohoe B156016 (ca.ubc), SMNH-PL-0000156(SMNH)

2 *Polytrichum piliferum* Schrad.ex Hedw.

Specimen Certificate: North Gyeongna Province, NIBRMS0000108672 (NIBR)

3. *Polytrichum juniperinum* Hedw.

Specimen Credentials: Gangwon Province, R. Moran 2683053 (US)

4 *Polytrichum strictum* Brid.

Specimen certificate: record

5 *Polytrichum sphaerothecium* (Besch.) Mull. Hal.

Proof of specimen: Records

(5) *Bartramiopsis*

1. *Bartramiopsis lescurii* (James) Kindb.

Specimen credential: NIBRMS0000108082 (NIBR)

(vi) *Lyellia*

1. *Lyellia aspera* (I.Hagen & C.E.O.Jensen) Frye

Specimen certificate: NIBRMS0000108133 (NIBR)

(vii) *Oligotrichum*

1. *Oligotrichum parallelum* (Mitt.) Kindb.

Specimen credential: NIBRMS0000108159 (NIBR)

2 *Oligotrichum aligerum* Mitt.

Proof of specimen: Records

Pseudoleskeaceae

The genus *Lescurea*

1. *Lescurea saxicola* (Schimp.) Milde

Specimen credential: NIBRMS0000108073 (NIBR)

2. *Lescurea patens* Lindb.

Proof of specimen: Si He, North Gyeongsang Province; Jong-Suk Song 90134365 (MO)

3 *Polytrichum Lescurea mutabilis* (Brid.) Lindb.

Proof of specimen: Records

4. *Lescurea incurvata* (Hedw.) E. Lawton

Specimen credentials: Records

5. *Lescurea incurvata* var. *tenuiretis* (Culm.) E. Lawton

Specimen credentials: records

47. *Miyabeaceae*

The genus *Miyabea*

1 Broth of *Miyabea fruticella* (Mitt.).

Specimen credentials: Jeju, Taquet PC0720161 (MHNH); Jeolla Province, D.M. Choe B156004 (ca.ubc)

2 *Miyabea rotundifolia* Cardot

Specimen voucher: Faurie PC0695433 (MHNH)

(2) *Homaliadelphus*

1. *Homaliadelphus targionianus* (Mitt.) Dixon & P. de la Varde

Specimen credentials: Gangwon Province, NIBRMS0000107277 (NIBR); North Gyeongsang Province, NIBRMS0000108462 (NIBR)

Xviii. *Pseudoleskeaceae*

(1) *Pseudoleskeaceae*

1. *Pseudoleskeella catenulata* (Brid. ex Schrad.) Kindb.

Proof of specimen: record

(ii) *Rigodiadelphus*

1. *Rigodiadelphus robustus* (Lindb.) Nog.

Taxidermy credentials: Records

Forty-nine, *Brachytheciaceae*

(1) *Brachythecium*

1. *Brachythecium plumosum* (Hedw.) Schimp

Specimen certificate: Jeju Island, NIBRMS0000107217 (NIBR); Incheon City, NIBRMS0000108364 (NIBR); North Jeolla Province, NIBRMS0000107408 (NIBR); City of Seoul, R. Moran 8077181 (US); Gangwon Province, R. Moran 8077181 (US); North Gyeongsang Province, Si He; Jong-Suk Song 90134408 (MO)

2 *Brachythecium buchananii* (Hook.) A. Jaeger

Specimen certificate: Jeju Island, NIBRMS0000106750 (NIBR); Incheon City,

NIBRMS0000108377 (NIBR)

3. *Brachythecium helminthocladum* Broth. & Paris

Specimen Credentials: Seoul, 19476 (NUM); North Chungcheong Province, NIBRMS0000107292 (NIBR); Kangwon Province, NIBRMS0000107351 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134409 (MO); Jeju, 100284658 (MO)

4 Creekside green moss *Brachythecium rivulare* Schimp.

Specimen certificate: Gangwon Province, NIBRMS0000107256 (NIBR); South Gyeongsang Province, NIBRMS0000108511 (NIBR); Jeju Island, Si He; Jong-Suk Song 100284731 (MO)

5 *Brachythecium brotheri* Paris

Specimen Certificate: Jeju Island, NIBRMS0000107221 (NIBR); Incheon City, NIBRMS0000108368 (NIBR)

6 *Brachythecium populeum* (Hedw.) Schimp.

Specimen certificate: Gangwon Province, NIBRMS0000108293 (NIBR); South Gyeongsang Province, NIBRMS0000108665 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134417 (MO)

7 *Brachythecium moriense* Besch.

Specimen credentials: Gangwon Province, NIBRMS0000107273 (NIBR); Jeju Island, NIBRMS0000108319 (NIBR)

8 *Brachythecium salebrosum* (Hoffm.ex F. Weber & D. Mohr) Schimp.

Specimen certificate: Ulsan City, NIBRMS0000108257 (NIBR); Jeju Island, Si He; Jong-Suk Song 100284700 (MO)

9. *Brachythecium novae-angliae* (Sull. & Lesq.) A. Jaeger

Specimen certificate: Gyeonggi Province, NIBRMS0000108410 (NIBR); Incheon City, NIBRMS0000108275 (NIBR); North Gyeongsang Province, S.H & J.S.Ong 00379 (MO)

10 *Brachythecium sakuraii* Broth.

Specimen credentials: Si He, Jeju; Jong-Suk Song 100284686 (MO)

11. *Brachythecium procumbens* (Mitt.) A. Jaeger

Specimen credentials: 227 (NUM.)

12 *Brachythecium rutabulum* (Hedw.) Schimp.

Specimen Certificate: South Jeolla Province, NIBRMS0000108631 (NIBR)

13. *Brachythecium uematsui* Broth.

Specimen Credentials: Jeju, 100284705 (MO)

14. *Brachythecium nitidulum* (Broth.) Nog.

Specimen Certificate: Gangwon Province, NIBRMS0000107349 (NIBR)

15. *Brachythecium camptothecioides* Takaki

Specimen Certificate: Gangwon Province, NIBRMS0000107339 (NIBR)

16 *Brachythecium pulchellum* Broth. & Paris

Specimen credentials: Si He, North Gyeongsang Province; Jong-Suk Song 90134416 (MO)

17. *Brachythecium uyematsui* Broth. ex Cardot

Specimen Certificate: Incheon City, NIBRMS0000108274 (NIBR)

18. *Brachythecium albicans* (Hedw.) Schimp.

Proof of specimen: Record

19. *Brachythecium coreanum* Cardot

Specimen credentials: Records

20. *Brachythecium garovaglioides* Mull. Hal.

Specimen credential: Records

21. *Brachythecium glareosum* (Bruch ex Spruce) Schimp.

Proof of specimen: Records

22. *Brachythecium kuroishicum* Besch.

Specimen credentials: Records

23. *Brachythecium piligerum* Cardot

Proof of specimen: Records

24. *Brachythecium plumosum* var. *mimmayae* Cardot

Taxidermy credentials: Records

25. *Brachythecium reflexum* (Starke) Schimp.

Specimen certificate: record

Brachythecium uncinifolium Broth. & Paris. 26

Specimen credential: Records

27. *Brachythecium velutinum* (Hedw.) Schimp.

Proof of specimen: Records

28. *Brachythecium acuminatum* (Hedw.) Austin

Taxidermy credentials: Records

29. *Brachythecium buchananii* var. *gracillimum* Dixon

Taxidermy credentials: Records

30. *Brachythecium buchananii* var. *sawadae* (Cardot) Takaki

Taxidermy credentials: Records

31. *Brachythecium novaeangliae* subsp. *hultenii* (E.B. Bartram) Huttunen

Taxidermy credentials: Records

32. *Brachythecium trichomitrium* (Dixon & Ther.) Huttunen, Ignatov, Min Li & Y.F. Wang

Specimen credential: Records

(2) *Eurhynchium*

1. *Eurhynchium savatieri* Schimp. ex Besch.

Specimen certificate: Jeju Island, NIBRMS0000107164 (NIBR); Jeolla Buk Province, NIBRMS0000107383 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134413 (MO)

2 *Eurhynchium hians* (Hedw.) Sande Lac.

Specimen certificate: North Chungcheong Province, NIBRMS0000107294 (NIBR); South Gyeongsang Province, NIBRMS0000108514 (NIBR); South Jeolla Province, NIBRMS0000108502 (NIBR); Jeju Island, NIBRMS0000107420 (NIBR); Gangwon Province, NIBRMS0000108296 (NIBR)

3 *Eurhynchium eustegium* (Besch.) Dixon

Specimen credentials: North Jeolla Province, NIBRMS0000107385 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134415 (MO)

4. *Eurhynchium angustirete* (Broth.) T. J. Kop.

Specimen Credence: Gangwon Province, NIBRMS0000108300 (NIBR)

5 *Eurhynchium laxirete* Broth.

Specimen credentials: Si He, North Gyeongsang Province; Jong-Suk Song 90134144 (MO)

6 *Eurhynchium latifolium* Cardot

Proof of specimen: Records

7 *Eurhynchium pulchellum* (Hedw.) Jenn.

Proof of specimen: Records

8. *Eurhynchium arbuscula* Broth.

Specimen Credentials: Jeju Island, NIBRMS0000107671 (NIBR)

(3) *Rhynchostegium*

1. *Rhynchostegium pallidifolium* (Mitt.) A. Jaeger

Specimen certificate: Jeju Island, NIBRMS0000107692 (NIBR); North Jeolla Province, NIBRMS0000107861 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134410 (MO)

2 *Rhynchostegium contractum* Cardot

Specimen credentials: North Jeolla Province, NIBRMS0000107873 (NIBR); Incheon City, NIBRMS0000108278 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134411 (MO)

3 *Rhynchostegium inclinatum* (Mitt.) A. Jaeger

Specimen credentials: Si He, North Gyeongsang Province; Jong-Suk Song 90134145 (MO); Jeju, Si He; Jong-Suk Song 100284762 (MO)

4. *Rhynchostegium rotundifolium* (Scop. ex Brid.) Schimp.

Specimen Certificate: South Gyeongsang Province, NIBRMS0000108736 (NIBR)

5. *Rhynchostegium ovalifolium* S. Okamura

Specimen credence: Gangwon Province, NIBRMS0000107357 (NIBR)

6. *Rhynchostegium fauriei* Cardot

Specimen credentials: Faurie PC0052679 (MNHN), Jeju Island; North Gyeongsang Province, NIBRMS0000108551 (NIBR); Faurie PC0693655, Gangwon Province, North Korea (MNHN)

7. *Rhynchostegium pallidius* (Hampe) A. Jaeger

Specimen credential: Records

(4) *Platyhypnidium*

1. *Platyhypnidium riparioides* (Hedw.) Dixon

Specimen credentials: North Jeolla Province, NIBRMS0000106814 (NIBR); D. M. Choe B156012, South Gyeongsang Province (ca. ubc); Jeju Island, Si He; Jong-Suk Song 100284748 (MO)

(5) *Bryhnia* SPP

1. *Bryhnia novae-angliae* (Sull. & Lesq.) Grout

Specimen certificate: Jeju Island, NIBRMS0000107173 (NIBR); North Gyeongsang Province, NIBRMS0000108456 (NIBR); Gyeonggi Province, NIBRMS0000108410 (NIBR); Gyeongnam Province, NIBRMS0000108707 (NIBR); Incheon City, NIBRMS0000108275 (NIBR); Gangwon Province, NIBRMS0000107313 (NIBR)

2 *Bryhnia hultenii* E. B. Bartram

Specimen Certificate: Gangwon Province, NIBRMS0000107956 (NIBR)

3. *Bryhnia tokubuchii* (Broth.) Paris

Specimen credentials: Si He, North Gyeongsang Province; Jong-Suk Song 90134424 (MO)

4. *Bryhnia tenerrima* Broth. & Yasuda

Specimen Credentials: North Jeolla Province, NIBRMS0000107909 (NIBR)

(6) *Myuroclada*

1. *Myuroclada maximowiczii* (G. G. Borshch.) Steere & W. B. Schofield

Specimen credentials: Jeju Island, Taquet PC0720377 (MNHN); South Gyeongsang Province, NIBRMS0000108524 (NIBR); Incheon City, NIBRMS0000108289 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134392 (MO)

(vii) *Homalothecium*

1. *Homalothecium laevisetum* Sande Lac.

Specimen certificate: Gangwon Province, NIBRMS0000107267 (NIBR); Jeju Island, Si He; Jong-Suk Song 100284740 (MO)

2. *Homalothecium lutescens* (Hedw.) H. Rob.

Proof of specimen: Records

(8) *Cirriphyllum*

1. *Cirriphyllum piliferum* (Hedw.) Grout

Proof of specimen: Si He, North Gyeongsang Province; Jong-Suk Song 90134420 (MO)

2. *Cirriphyllum cirrosum* (Schwagr.) Grout

Proof of specimen: Records

3. *Cirriphyllum crassinervium* (Taylor ex Wilson) Loeske & M. Fleisch.

Proof of specimen: Records

(IX) *Oxyrrhynchium*

1. *Oxyrrhynchium latifolium* (Cardot) Podp.

Specimen Credentials: Faurie PC0054799, Pyongyang, North Korea (MNHN)

(x) *Sciuro-hypnum*

1. *Sciuro-hypnum populeum* (Hedw.) Ignatov & Huttunen

Specimen certificate: Gangwon Province, NIBRMS0000108293 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134417 (MO)

2. *Sciuro-hypnum plumosum* (Hedw.) Ignatov & Huttunen

Specimen certificate: Incheon City, NIBRMS0000108364 (NIBR); Jeju Island, NIBRMS0000108317 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134408 (MO)

(xi) *Allophyllum Kindbergia*

1. *Heterophyllum Kindbergia praelonga* (Hedw.) Ochyra

Specimen Certificate: Faurie MT00143708 (UdeM), Seoul City

2. *Kindbergia arbuscula* (Broth.) Ochyra

Specimen certificate: Jeju Island, NIBRMS0000107671 (NIBR), Gangwon Province, Korea, NIBRMS107469 (KB)

(xii) The genus *Scleropodium*

1. *Scleropodium brachyphyllum* Cardot

Specimen credentials: North Jeolla Province, U. J. Faurie 267818 (NY)

(XIII) *Okamuraea*

Broth: 1. Broth, *Okamuraea hakoniensis*.

Specimen credentials: Jeju Island, NIBRMS0000107208 (NIBR); Ulsan City, NIBRMS0000107944 (NIBR); South Chungcheong Province, D.M. Choe B156007 (ca.ubc)

2. *Okamuraea brachydictyon* (Cardot) Nog.

Specimen credentials: Faurie PC0694999 (MNHN), Busan; Jeju Island, NIBRMS0000107835 (NIBR)

3. *Okamuraea hakoniensis* f. *multiflagellifera* (Sakurai) Nog.

Proof of specimen: Records

(14) Ptychium is *Palamocladium*

1. *Palamocladium leskeoides* Britton

Proof of specimen: record

(15) *Schwetschkea*

1. *Schwetschkea laxa* (Wilson) A. Jaeger

Specimen certificate: record

(XVI) *Steerecleus*

1. *Steerecleus serrulatus* (Hedw.) H. Rob.

Specimen credentials: Records

Entodontaceae

(1) *Entodon*

1. *Entodon sullivantii* (Mull. Hal.) Lindb.

Specimen certificate: Seoul City, Taquet PC0720432 (MNHN); Chungcheongbuk Province, NIBRMS0000107284 (NIBR); Gangwon Province, NIBRMS0000107246 (NIBR) Gyeongsangbuk Province, NIBRMS0000108466 (NIBR); Incheon City, NIBRMS0000108302; North Jeolla Province, NIBRMS0000107866 (NIBR); Ulsan City, NIBRMS0000108254 (NIBR); Gyeonggi Province, D.M. Choe B155984 (ca.ubc)

2 Warm ground moss *Entodon calycinus* Cardot

Specimen Certificate: Jeju Island, NIBRMS0000107666 (NIBR)

3. *Entodon challengerii* (Paris) Cardot

Specimen certificate: Gangwon Province, NIBRMS0000107248 (NIBR); Jeju Island, NIBRMS0000106751 (NIBR); Ulsan City, NIBRMS0000108259 (NIBR); D.M. Choe B155981, South Chungcheong Province (ca.ubc)

4. *Entodon flavescens* (Hook.) A. Jaeger

Specimen certificate: Jeju Island, NIBRMS0000107210 (NIBR); Gangwon Province, NIBRMS0000108426 (NIBR); Incheon City, NIBRMS0000108376 (NIBR); South Gyeongsang Province, D.M. Choe B155982 (ca.ubc)

5 *Entodon giraldii* Mull. Hal.

Specimen certificate: Incheon City, NIBRMS0000108378 (NIBR); Jeju Island, Si He; Jong-Suk Song 100285176 (MO)

6. *Entodon scabridens* Lindb.

Specimen certificate: Jeju Island, NIBRMS0000108330 (NIBR); North Jeolla Province, D.M. Choe B155983 (ca.ubc)

7 *Entodon luridus* (Griff.) A. Jaeger

Specimen certificate: Gangwon Province, NIBRMS0000107305 (NIBR); Jeolla Buk Province, 3987 (TNS)

8. *Entodon cladorrhizans* (Hedw.) Mull. Hal.

Specimen Credentials: City of Seoul, G. H. Emery TENN-B-0110096 (TENN)

9. *Entodon morrisonensis* Nog.

Specimen Certificate: Gangwon Province, NIBRMS0000107355 (NIBR)

10. *Entodon viridulus* Cardot

Specimen Certificate: Gangwon Province, NIBRMS0000107338 (NIBR)

11. *Entodon diversinervis* Cardot

Specimen credentials: Jeju Island, Si He; Jong-Suk Song 100285165 (MO)

12. *Entodon myurus* Hampe

Specimen credentials: North Jeolla Province, NIBRMS0000106817 (NIBR); Jeju Island, NIBRMS0000106819 (NIBR); Gangwon Province, NIBRMS0000108731 (NIBR)

13. *Entodon schensianus* Mull. Hal.

Specimen certificate: Faurie PC0702410 (MNH), Gangwon Province, China

14. *Entodon macropodus* (Hedw.) Mull. Hal.

Specimen Certificate: Jeju Island, NIBRMS0000108331 (NIBR)

15. *Entodon schleicheri* (Schimp.) Demet.

Specimen credentials: Records

16. *Entodon concinnus* (De Not.) Paris

16. Proof of specimen: Records

(2) The genus *Sakuraia*

1. *Sakuraia conchophylla* (Cardot) Nog.

Proof of specimen: record

Fifty-one, *Hylocomiaceae*

(I) *Rhytidiadelphus*

1. *Rhytidiadelphus japonicus* (Reimers) T. J. Kop.

Specimen Certificate: Jeju Island, NIBRMS0000107682 (NIBR)

2. *Rhytidiadelphus triquetrus* (Hedw.) Warnst.

Specimen Certificate: Gangwon Province, NIBRMS0000108432 (NIBR)

3. *Rhytidiadelphus squarrosus* (Hedw.) Warnst.

Specimen certificate: record

(2) *Hylocomiastrum*

1. *Hylocomiastrum pyrenaicum* (Spruce) M. Fleisch. ex Broth.

Specimen Credentials: Jeju Island, NIBRMS0000106719 (NIBR)

2. *Hylocomiastrum himalayae himalayanum* (Mitt.) Broth.

Specimen credential: Records

3. *Hylocomiastrum umbratum* (Hedw.) M. Fleisch. ex Broth.

Specimen credential: Records

(3) *Loeskeobryum*

1. *Loeskeobryum brevirostre* (Brid.) M. Fleisch.

Specimen certificate: CINC-B-0056579 (CINC.)

2. *Loeskeobryum cavifolium* (Sande Lac.) M. Fleisch. ex Broth.

Specimen credentials: Si He, Jeju Island; Jong-Suk Song 100285578 (MO)

(iv) *Hylocomium*

1. *Hylocomium splendens* (Hedw.) Schimp.

Specimen Certificate: Jeju Island, NIBRMS0000107850 (NIBR)

Pleurozium

Pleurozium schreberi (Brid.) Mitt.

Proof of specimen: Records

(5) *Ctenidium*

1. Broth, *Ctenidium capillifolium* (Mitt.).

Specimen credentials: Jeju Island, NIBRMS0000107215 (NIBR); Seoul City, D.M. Choe B155978 (ca.ubc)

2. *Ctenidium molluscum* (Hedw.) Mitt.

Specimen credentials: Si He, Jeju Island; Jong-Suk Song 100284816 (MO)

3. *Ctenidium hastile* (Mitt.) Lindb.

Proof of specimen: Records

Taxiphyllaceae

The genus *Taxiphyllum*

1 *Taxiphyllum aomoriense* (Besch.) Z. Iwats.

Specimen certificate: Gangwon Province, NIBRMS0000108598 (NIBR); South Gyeongsang Province, NIBRMS0000108526 (NIBR); Jeju Island, NIBRMS0000107657 (NIBR); Gyeongsangbuk-do, NIBRMS0000108447 (NIBR); Incheon City, NIBRMS0000108279 (NIBR); Busan, Faurie B125672 (S)

2 *Taxiphyllum taxirameum* (Mitt.) M. Fleisch.

Specimen certificate: South Gyeongsang Province, NIBRMS0000108521 (NIBR); South Jeolla Province, NIBRMS0000108504 (NIBR); Gangwon Province, NIBRMS0000108482 (NIBR); Incheon City, NIBRMS0000108286 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134401 (MO); Jeju, Si He; Jong-Suk Song 100284868 (MO)

3. *Taxiphyllum alternans* (Cardot) Z. Iwats.

Specimen Certificate: Incheon City, NIBRMS0000108363 (NIBR)

4. *Taxiphyllum cuspidifolium* (Cardot) Z. Iwats.

Specimen credential: J. R. Shevock 16236

5. *Taxiphyllum deplanatum* (Bruch & Schimp. ex Sull.) M. Fleisch.

Specimen Certificate: Gangwon Province, NIBRMS0000107466 (NIBR)

6. *Taxiphyllum giraldii* (Mull. Hal.) M. Fleisch.

Specimen credentials: Records

The genus *Hondaella*

1 *Hondaella caperata* (Mitt.) B. C. Tan & Z. Iwats.

Proof of specimen: Records

Fifty-three, Rhytidiaceae

Rhytidium is a genus of *Rhytidium*

1 *Rhytidium rugosum* (Hedw.) Kindb.

Specimen certificate: Gangwon Province, NIBRMS0000108433 (NIBR); South Gyeongsang Province, D.M. Choe B156023 (ca.ubc)

Fifty-four, Meizhiaceae Timmiaceae

The genus *Timmia*

1. *Timmia megapolitana* Hedw.

Specimen credentials: Records

55. Mniaceae

Plagiomnium

1 *Plagiomnium acutum* T. J. Kop.

Specimen credentials: City of Seoul, Taquet PC0719580 (MNHN); Chungcheongbuk

Province, NIBRMS0000107291 (NIBR); Jeju Island, NIBRMS0000107658 (NIBR); South Gyeongsang Province, NIBRMS0000108397 (NIBR); Incheon City, NIBRMS0000108347 (NIBR)

2. *Plagiomnium maximoviczii* (Lindb.) T. J. Kop.

Specimen certificate: North Jeolla Province, NIBRMS0000108590 (NIBR); Gangwon Province, NIBRMS0000107260 (NIBR); Jeju Island, NIBRMS0000106749 (NIBR); South Gyeongsang Province, NIBRMS0000108715 (NIBR)

3 *Plagiomnium cuspidatum* T. J. Kop.

Specimen credentials: Faurie PC0137376 (MNHN), Jeju Island; South Gyeongsang Province, NIBRMS0000108520 (NIBR); Jeju Island, NIBRMS0000108325 (NIBR); Gyeongsangbuk-do, Si He; Jong-Suk Song 90134363 (MO)

4. *Plagiomnium vesicatum* T. J. Kop.

Specimen certificate: Gangwon Province, NIBRMS0000107266 (NIBR); Jeju Island, NIBRMS0000107884 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134350 (MO)

5 *Plagiomnium plagiomnium confertidens* T. J. Kop.

Specimen credential: Komarov PC0132772 (MNHN)

6 *Plagiomnium japonicum* T. J. Kop.

Specimen certificate: Jeju Island, NIBRMS0000108307 (NIBR); Gangwon Province, NIBRMS0000107433 (NIBR)

7 *Plagiomnium rostratum* T. J. Kop.

Specimen credentials: Ulsan City, NIBRMS0000107924 (NIBR); Jeju Island, NIBRMS0000107904 (NIBR)

8. *Plagiomnium integrum* T. J. Kop.

Specimen credentials: Seoul, Taquet PC0719581 (MNHN); Jeju Island, Si He; Jong-Suk Song 100284929 (MO)

(ii) The genus *Trachycystis*

1. *Trachycystis microphylla* Lindb.

Specimen credentials: Jeju Island, Taquet PC0719584 (MNHN); South Gyeongsang Province, NIBRMS0000108527 (NIBR); North Jeolla Province, NIBRMS0000106762 (MNHN); Seoul, Faurie MT00152903 (UdeM)

2. *Trachycystis flagellaris* Lindb.

Specimen credentials: South Jeolla Province, NIBRMS0000108571 (NIBR); Jeju Island, NIBRMS0000107695 (NIBR); Gyeongsangbuk-do, NIBRMS0000108639 (NIBR)

3. *Trachycystis ussuriensis* (Maack & Regel) T. J. Kop.

Specimen credentials: Gangwon Province, D.M. Choe B156030 (ca.ubc)

(3) The genus *Mnium*

1. *Mnium lycopodioides* Schwagr.

Proof of specimen: record

2. *Mnium heterophyllum* Schwagr.

Specimen certificate: Ulsan City, NIBRMS0000108255 (NIBR); Gangwon Province, D.M. Choe B156005 (ca.ubc)

3 *Mnium laevinerve* Cardot

Specimen credentials: Faurie PC0137392 (MNHN), Gangwon Province, Korea; Jeju

Island, Si He; Jong-Suk Song 100284900 (MO)

4 *Mnium spinosum* Schwagr.

Specimen Certificate: Jeju Island, NIBRMS0000107453 (NIBR)

5 *Mnium stellare* Hedw.

Specimen Voucher: South Gyeongsang Province, NIBRMS0000108691 (NIBR)

6. *Mnium thomsonii* Schimp.

Specimen Certificate: Gangwon Province, NIBRMS0000107344 (NIBR)

7. *Mnium marginatum* P. Beauv.

Specimen credentials: Records

8. *Mnium orientale* R.E.Wyatt, Odrzykoski & T.J.Kop.

Taxidermy credentials: Records

(4) *Rhizomnium*

1. *Rhizomnium striatulum* T. J. Kop.

Specimen credentials: Gangwon Province, NIBRMS0000107957 (NIBR); Jeju Island, NIBRMS0000107040 (NIBR)

2. *Rhizomnium hattorii* T. J. Kop.

Specimen certificate: Jeju Island, NIBRMS0000107497 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134347 (MO)

3 *Rhizomnium tuomikoskii* T. J. Kop.

Specimen Certificate: Jeju Island, NIBRMS0000107199 (NIBR)

4. *Rhizomnium punctatum* T. J. Kop.

Specimen Certificate: Gwangju Metropolitan City, 6958 (TNS)

5. *Rhizomnium nudum* T. J. Kop.

Specimen Certificate: Jeju Island, NIBRMS0000107205 (NIBR)

6. *Rhizomnium glabrescens* (Kindb.) T.J.Kop.

Specimen credentials: Faurie, Urbain J., abbe MT00144651 (UdeM)

7. *Rhizomnium parvulum* T. J. Kop.

Specimen Certificate: Jeju Island, NIBRMS0000108327 (NIBR)

9. *Rhizomnium magnifolium* T. J. Kop.

Proof of specimen: Records

10. *Rhizomnium pseudopunctatum* T. J. Kop.

Proof of specimen: Records

(5) *Orthomnion*

1. *Orthomnion affine* (Blandow ex Funck) T.J. Kop. & Yu Sun

Taxidermy credentials: Records

(6) The genus *Pohlia*

1. *Pohlia camptotrachela* Broth.

Specimen Credentials: Seoul, Faurie PC0131367 (MNHN)

2. Yellow loofah *Pohlia nutans* Lindb.

Specimen certificate: Jeju Island, NIBRMS0000107887 (NIBR); Seoul, G.H.Emmery TENN-B-0107149 (TENN); Gyeongsangbuk-do, Si He; Jong-Suk Song 90134375 (MO)

3. *Pohlia fauriei* (Cardot) Iisiba

Specimen Certificate: North Gyeongsang Province, NIBRMS0000108551 (NIBR); Si He, North Gyeongsang Province; Jong-Suk Song 90134447 (MO)

4 *Pohlia longicolla* (Hedw.) Lindb.

Proof of specimen: Si He, North Gyeongsang Province; Jong-Suk Song 90134448 (MO); Jeju, Si He; Jong-Suk Song 100284888 (MO)

5 Luffa verrucodon *Pohlia flexuosa* Hook.

Specimen Certificate: Jeju Island, NIBRMS0000106678 (NIBR)

6. *Pohlia elongata* Hedw.

Specimen credential: NIBRMS0000108078 (NIBR)

7. *Pohlia pseudodeflecta* Ochi

Specimen credentials: Si He, North Gyeongsang Province; Jong-Suk Song 90134372 (MO)

8 *Pohlia crudoides* Broth.

Specimen Credential: NIBRMS0000108077 (NIBR)

10. White Eurygnum *Pohlia wahlenbergii* (F. Weber & D. Mohr) A. L. Andrews

Specimen credentials: Si He, North Gyeongsang Province; Jong-Suk Song 90134446 (MO)

11. *Pohlia cruda* (Hedw.) Lindb.

Proof of specimen: Records

12. Woodlands *Pohlia drummondii* Andr.

Specimen credentials: Records

13. *Pohlia lescuriana* Ihsiba

Specimen credentials: Records

14. *Pohlia marchica* Osterwald

Proof of specimen: Records

15. *Pohlia melanodon* (Brid.) A.J.Shaw

Specimen credentials: Records

16. *Pohlia otaruensis* (Cardot) Ochi

Taxidermy credentials: Records

17. *Pohlia prolifera* Lindb. ex Arn.

Proof of specimen: Record

18. *Pohlia revolvens* (Cardot) Nog.

Taxidermy credentials: Records

19. *Pohlia seoulensis* (Cardot) Ochi

Proof of specimen: Records

(7) *Epipterygium*

1. *Epipterygium tozeri* Lindb.

Proof of specimen: record

(8) *Cinclidium*

1. *Cinclidium arcticum* Schimp.

Specimen credentials: Records

2. *Cinclidium stygium* Sw.

Specimen credentials: Records

(9) *Pseudobryum*

1. *Pseudobryum cinclidioides* (Huebener) T. J. Kop.

Proof of specimen: record

2. *Pseudobryum speciosum* (Mitt.) T.J.Kop.

Specimen credentials: Records

Bryaceae, Bryaceae

Bryum genus

1 *Bryum capillare* Hedw.

Specimen certificate: North Chungcheong Province, NIBRMS0000107299 (NIBR); South Jeolla Province, NIBRMS0000108565 (NIBR); Jeju Island, NIBRMS0000107688 (NIBR); South Gyeongsang Province, NIBRMS0000108539 (NIBR); Gyeonggi Province, NIBRMS0000108379 (NIBR); Incheon City, NIBRMS0000108352 (NIBR); Gyeongsangbuk-do, Si He; Jong-Suk Song 90134395 (MO)

2. *Bryum pseudotriquetrum* (Hedw.) G. Gaertn., B. Mey. & Scherb.

Specimen certificate: Gangwon Province, NIBRMS0000108594 (NIBR); North Gyeongsang Province, NIBRMS0000108552 (NIBR)

3 *Bryum dichotomum* Hedw.

Specimen certificate: Gangwon Province, NIBRMS0000108493 (NIBR); South Gyeongsang Province, NIBRMS0000108420 (NIBR); North Gyeongsang Province, Si He; Jong-Suk Song 90134397 (MO)

4 *Bryum argenteum* Hedw.

Specimen Credentials: NIBRMS0000108542 (NIBR), South Jeolla Province; Incheon City, NIBRMS0000108371 (NIBR)

5 *Bryum cyclophyllum* (Schwagr.) Bruch & Schimp.

Specimen Certificate: South Jeolla Province, NIBRMS0000108561 (NIBR)

6. *Bryum cellulare* Hook.

Specimen Certificate: Jeju Island, NIBRMS0000107126 (NIBR)

7. *Bryum paradoxum* Schwagr.

Specimen credentials: Si He, North Gyeongsang Province; Jong-Suk Song 90134132 (MO)

8. *Shiphobrum coronatum* Schwagr.

Specimen Certificate: Incheon City, NIBRMS0000108412 (NIBR)

9. *Bryum atrovirens* Vill. ex Brid.

Specimen Certificate: Incheon City, NIBRMS0000108359 (NIBR)

10. *Bryum handelii* Broth.

Specimen Certificate: Gangwon Province, NIBRMS0000108475 (NIBR)

11. *Bryum cryophilum* Martensson

Specimen Certificate: NIBRMS0000108130 (NIBR)

12. *Bryum alpinum* Huds. ex With alpine moss.

Proof of specimen: record

13. *Bryum arcticum* (R. Br.) Bruch & Schimp.

Specimen credentials: Records

14. Tushy moss *Bryum caespitium* Hedw.

Taxidermy credentials: Records

15. *Bryum uliginosum* (Brid.) Bruch & Schimp.

Proof of specimen: Records

16. *Bryum knowltonii* Barnes

Specimen credentials: Records

(2) *Brachymenium*

1. *Brachymenium nepalense* Hook.

Specimen certificate: Gangwon Province, NIBRMS0000107252 (NIBR); North Gyeongsang Province, NIBRMS0000108463 (NIBR); Ulsan City, NIBRMS0000107938 (NIBR)

2 *Brachymerium exile* Bosch & Sande Lac.

Specimen certificate: Jeju Island, NIBRMS0000107470 (NIBR); South Jeolla Province, NIBRMS0000108658 (NIBR)

(3) *Rhodobryum*

1. *Rhodobryum ontariense* Kindb.

Specimen certificate: North Gyeongsang Province, NIBRMS0000108446 (NIBR); Gangwon Province, NIBRMS0000108601 (NIBR)

2 *Rhodobryum giganteum* Paris

Specimen credentials: Si He, Jeju Island; Jong-Suk Song 100284892 (MO)

3 *Rhodobryum roseum* Limpr.

Specimen Certificate: Jeju Island, NIBRMS0000108322 (NIBR)

4. *Rosulabryum capillare* (Hedw.) J.R.Spence

Specimen Certificate: South Jeolla Province, NIBRMS0000108565 (NIBR); South Gyeongsang Province, NIBRMS0000108539 (NIBR); Gyeonggi Province, NIBRMS0000108379 (NIBR); Incheon City, NIBRMS0000108352 (NIBR); Gyeongsangbuk-do, 90134395 (MO); Jeju Island, Si He; Jong-Suk Song 100284885 (MO)

5. *Rosulabryum torquescens* (Bruch ex De Not.) J.R.Spence

Taxidermy credentials: Records

(4) *Anomobryum*

1. *Anomobryum julaceum* Schimp.

Specimen certificate: South Jeolla Province, NIBRMS0000108569 (NIBR); South Gyeongsang Province, NIBRMS0000108393 (NIBR)

2 *Anomobryum gemmigerum* Broth.

Proof of specimen: Records

3. *Anomobryum lanatum* (P.Beauv.) J.R.Spence & H.P.Ramsay

Specimen credentials: Records

(5) *Orthodontium*

1. *Orthodontium pellucens* (Hook.) B.S.G.

Specimen credentials: Si He, North Gyeongsang Province; Jong-Suk Song 90134361 (MO)

(6) *Plagiobryum*

1. *Plagiobryum zieri* (Dicks.ex Hedw.) Lindb.

Proof of specimen: Records

Aulacomniaceae

Aulacomnium is in the family *Aulacomnium*

1 *Aulacomnium heterostichum* (Hedw.) Bruch & Schimp.

Specimen credential: NIBRMS0000108063 (NIBR)

2. *Aulacomnium androgynum* Schwagr.

Specimen certificate: record

3. *Aulacomnium palustre* Schwagr.

Proof of specimen: record

4. *Aulacomnium turgidum* (Wahlenb.) Schwagr.

Proof of specimen: Records

58. Buxbaumiaceae

The genus *Buxbaumia*

1. *Buxbaumia aphylla* Hedw.

Proof of specimen: Records

2. *Buxbaumia minakatae* S. Okamura

Proof of specimen: Records

Tetraphidaceae

The genus *Tetraphis*

1 *Tetraphis pellucida* Hedw.

Specimen Certificate: North Gyeongsang Province, NIBRMS0000108455 (NIBR)

2. *Tetraphis geniculata* Girg.

Specimen Certificate: NIBRMS0000108142 (NIBR)

3. *Tetrodontium brownianum* (Dicks.) Schwagr.

Proof of specimen: Records

Sixty, *Pylaisiaceae*

1. *Pylaisium Homomallium*

1. The East Asian *Trichomallium connexum* (Cardot) Broth.

Specimen credentials: Seoul City, Taquet PC0720788 (MNHN); Chungcheongbuk Province, NIBRMS0000107289 (NIBR); Jeju Island, NIBRMS0000107156 (NIBR); Gangwon Province, NIBRMS0000107346 (NIBR); Faurie PC0694030, Gangwon Province, North Korea (MO)

2 Pasted *Trichomallium japonico-adnatum* Broth.

Proof of specimen: Records

3. *Homomallium incurvatum* Loeske

Specimen credentials: Gangwon Province, NIBRMS0000107269 (NIBR); Jeju Island, NIBRMS0000108328 (NIBR)

(2) *Calliergonella*

1. *Calliergonella cuspidata* (Hedw.) Loeske

Specimen certificate: Gangwon Province, NIBRMS0000108442 (NIBR); Ulsan City, NIBRMS0000107940 (NIBR); North Jeolla Province, D.M. Choe B155972 (ca.ubc)

2. *Calliergonella lindbergii* (Mitt.) Hedenas

Specimen certificate: Gangwon Province, NIBRMS0000108496 (NIBR); Jeju Island, NIBRMS0000106970 (NIBR); North Jeolla Province, NIBRMS0000108619 (NIBR)

(3) *Roaldia*

1. *Roaldia revoluta* (Mitt.) P. E. A. S. Camara & Carv.-Silva

Proof of specimen: Records

(4) *Vesicularia*

1 *Vesicularia flaccida* (Sull. & Lesq.) Z. Iwats.

Specimen credentials: Si He, North Gyeongsang Province; Jong-Suk Song 90134400 (MO); Gangwon, James R. Shevock 100262759 (MO); Gyeonggi Province, James R. Shevock 100262757 (MO)

2 Broth of *Vesicularia ferriei* (Cardot & Ther.).

Specimen Certificate: Jeju Island, NIBRMS0000107367 (NIBR)

3 *Vesicularia montagnei* (Bel.) Broth.

Proof of specimen: Si He, North Gyeongsang Province; Jong-Suk Song 90134136 (MO)

(5) The genus *Pylaisia*

1. *Pylaisia brotheri* Besch.

Specimen certificate: North Chungcheong Province, NIBRMS0000107282 (NIBR);
Gangwon Province, NIBRMS0000107239 (NIBR)

2 *Pylaisia cristata* Cardot

Specimen Certificate: Jeju Island, NIBRMS0000107432 (NIBR)

3. *Pylaisia subcircinata* Cardot

Specimen Certificate: Gangwon Province, NIBRMS0000108445 (NIBR)

4. *Pylaisia condensata* (Mitt.) A. Jaeger

Taxidermy credentials: Records

5 *Pylaisia intricata* (Hedw.) Schimp.

Specimen Certificate: South Gyeongsang Province, NIBRMS0000108396 (NIBR)

6 *Pylaisia polyantha* (Hedw.) Schimp.

Specimen credentials: Records

7 *Pylaisia levieri* (Mull. Hal.) Arikawa

Specimen credentials: Records

(6) The genus *Gollania*

1. Broth in *Gollania ruginosa* (Mitt.).

Specimen credentials: North Chungcheong Province, NIBRMS0000107288 (NIBR);
Gangwon Province, NIBRMS0000107270 (NIBR); Jeju Island, NIBRMS0000107235 (NIBR);
Gyeongsangbuk-do, NIBRMS0000108468 (NIBR); North Jeolla Province,
NIBRMS0000108618 (NIBR); Faurie PC0694672, Gangwon Province, North Korea
(MNHN)

2 *Gollania japonica* (Cardot) Ando & Higuchi

Specimen Certificate: Gangwon Province, NIBRMS0000107364 (NIBR)

3 *Gollania robusta* Broth.

Specimen credential: Sor-ak Mt. B0008849 (KUN)

4. *Gollania neckerella* (Mull. Hal.) Broth.

Specimen credentials: Records

5 *Gollania varians* (Mitt.) Broth.

Proof of specimen: documentation

6. *Gollania taxiphyllodes* Ando & Higuchi

Proof of specimen: Records

(7) *Ectropothecium*

1. *Ectropothecium zollingeri* (Mull. Hal.) A. Jaeger

Specimen certificate: Jeju Island, NIBRMS0000107465 (NIBR)

(8) *Pseudohygrohypnum*

1. *Pseudohygrohypnum fertile* (Sendtn.) Jan Kucera & Ignatov

Proof of specimen: Records

2. *Pseudohygrohypnum fauriei* (Cardot) Jan Kucera & Ignatov

Specimen credentials: Si He, Jeju Island; Jong-Suk Song 100284848 (MO); Faurie
PC0693655 (MNHN), Gangwon Province, North Korea; Gangwon Province, Faurie PC0693656

(MNHN)

3. *Pseudohygrohypnum calcicola* (Ando) Jan Kucera & Ignatov

Specimen certificate: Gangwon Province, NIBRMS0000108498 (NIBR); Chungcheongbuk Province, NIBRMS0000107448 (NIBR)

4. *Pseudohygrohypnum densirameum* (Ando) Jan Kucera & Ignatov

Specimen certificate: North Jeolla Province, NIBRMS0000107870 (NIBR); Gangwon Province, NIBRMS0000107356 (NIBR)

5 *Pseudohygrohypnum eugyrium* (Schimp.) Kanda

Specimen Certificate: Gangwon Province, NIBRMS0000107303 (NIBR) Kanda

(9) *Calohypnum*

1. *Calohypnum plumiforme* (Wilson) Jan Kucera & Ignatov

Specimen credentials: City of Seoul, Paul L. Redfearn 90012075 (MO)

61, Sematophyllaceae

The genus *Sematophyllum*

1 *Sematophyllum subhumile* (Mull. Hal.) M. Fleisch.

Specimen certificate: Jeju Island, NIBRMS0000107654 (NIBR); Jeolla Buk Province, NIBRMS0000106777 (NIBR); Incheon City, NIBRMS0000108361 (NIBR)

2 *Sematophyllum phoeniceum* (Mull. Hal.) M. Fleisch.

Specimen credentials: Records

3. *Sematophyllum subpinnatum* (Brid.) E. Britton

Proof of specimen: records

Sixty-two, Sabinaceae Rhizogoniaceae

The genus *Pyrrhobryum*

1 *Pyrrhobryum dozyanum* (Sande Lac.) Manuel

Specimen Certificate: Jeju Island, NIBRMS0000107084 (NIBR)

Sixty-three, Racopilaceae

The genus *Racopilum*

1. *Racopilum cuspidigerum* Angstr.

Specimen certificate: Seoul City, Taquet PC0719782 (MNHN)

Sixty-four; Meteoraceae

Meteorium of the genus *Meteoraceae*

1. *Meteorium buehnerii* Broth.

Specimen Certificate: Gangwon Province, NIBRMS0000108434 (NIBR)

2. *Meteorium atroviregatum* Cardot & Ther.

Taxidermy credentials: Records

3. *Meteorium subpolytrichum* Broth.

Specimen credentials: Records

(2) *Trachycladiella*

1. *Trachycladiella aurea* (Mitt.) M. Menzel

Specimen credentials: Si He, Jeju Island; Jong-Suk Song 100284780 (MO)

(III) *Papillaria*

1. *Papillaria helminthocladula* Cardot

Specimen credentials: Faurie, B172603 (S)

(4) *Neodicladiella*

1. *Neodicladiella flagellifera* (Cardot) Huttunen & D. Quandt

Specimen Certificate: Jeju Island, NIBRMS0000107189 (NIBR)

2. *Neodicladiella pendula* W. R. Buck

Specimen Certificate: Jeju Island, NIBRMS0000107482 (NIBR)

(5) *Trachypus*

1. *Trachypus bicolor* Reinw. & Hornsch.

Specimen Certificate: Jeju Island, NIBRMS0000107018 (NIBR)

2. *Trachypus humilis* Lindb.

Specimen voucher: Faurie H3307290 (H)

Sixty-five, Cryphaeaceae

Pilotrichopsis

1 *Pilotrichopsis dentata* (Mitt.) Besch.

Specimen credence: Jeju, Taquet PC0719819 (MNHN)

Xvi, Hookeriaceae

The genus *Hookeria*

1. *Hookeria acutifolia* Hook. & Grev.

Specimen Certificate: South Gyeongsang Province, NIBRMS0000108538 (NIBR); Jeju Island, NIBRMS0000107161 (NIBR); Gyeongsangbuk-do, NIBRMS0000108644 (NIBR)

Xvii. Oedipodiaceae

Oedipodium is the genus *Oedipodiaceae*

1 *Oedipodium griffithianum* (Dicks.) Schwagr.

Proof of specimen: record

Calympereaceae

Dictyodon is in *Syrrophodon*

1. *Syrrophodon armatus* Mitt.

Proof of specimen: record

2 Broth of the Japanese *Dictyodon japonicus* (Besch.).

Proof of specimen: records

Sixty-nine, Daltoniaceae

Distichophyllum

1 *Distichophyllum maibarae* Besch.

Proof of specimen: record

Symphyodontaceae

The genus *Trachythecium*

1 *Trachythecium verrucosum* (A. Jaeger) M. Fleisch.

Specimen credentials: Records

71. Pterigynandraceae

The genus *Pterigynandrum*

1. Axillary Brassicum *Pterigynandrum filiforme* Hedw.

Proof of specimen: Records

2. *Heterocladium*

1. *Heterocladium capillaceum* Broth. ex Iisiba

Proof of specimen: record

Xxii, Chrysotrichum Myuriaceae

The genus *Eumyurium*

1. *Eumyurium sinicum* (Mitt.) Nog.

Proof of specimen: records

Seventy-three, Pterobryaceae

The genus *Pterobryon*

Pterobryon arbuscula Mitt.

Specimen credential: Records

Seventy-four, Calliergonaceae

The genus *Calliergon*

1. *Calliergon sarmentosum* (Wahlenb.) Kindb.

Specimen certificate: NIBRMS0000108143 (NIBR)

2. *Calliergon cordifolium* (Hedw.) Kindb.

Proof of specimen: records

(2) The genus *Warnstorfia*

1. *Warnstorfia fluitans* (Hedw.) Loeske

Proof of specimen: records

Liverworts. Liverworts

Herbertaceae of the family liverworts

(1) *Herbertus*

1 *Herbertus dicranus* (Taylor) Trevis.

Specimen credentials: Korea, NIBRMS0000107989 (NIBR); North Jeolla Province, Hong, 9305 (CINC); South Gyeongsang Province, 66931 (KPABG)

2 Cut leaf moss *Herbertus aduncus* (Dicks.) Gray

Specimen credentials: V.A.Bulakalin, LID-423266 (KPABG(H)), South Gyeongsang Province; Jeju Island, Faurie, G-G-296655/2 (Geneva Herbarium -- General Collection (G)); City of Seoul, Hong, CINC-B-0055413 (CINC);

3. Sheared tundra subspecies *Herbertus aduncus* subsp. *Aduncus*

Specimen credentials: North Jeolla Province, Hong, 90030475 (MO)

4. *Herbertus aduncus* subsp. *tenuis* (A. Evans) H. A. Mill.

5. *Herbertus hutchinsiae* (Gottsche & Rabenh.) A. Evans

Specimen Certificate: Jeju Island, Hong, CINC-B-0000150 (CINC)

6. *Herbertus noreus* D.G.Long, D.Bell & H.H.Blom

Specimen Certificate: Jeju Island, NIBRMS0000107516 (NIBR)

Ii. Ptilidiaceae

(1) The genus *Ptilidium*

1. *Ptilidium pulcherrimum* (Weber) Hampe

Specimen certificate: Jeju Island, Hong, CINC-B-0000293 (CINC);

2. *Riccardia chamedryfolia* (With.) Grolle

Specimen credentials: Korea, NIBRMS0000107978 (NIBR)

3. *Ptilidium ciliare* (L.) Hampe

Specimen credentials: Records

3. Blepharostomataceae

(1) The Mascara genus is *Blepharostoma*

1. *Blepharostoma minus* Horik.

Specimen proof: North Gyeongsang Province, NIBRMS0000108557 (NIBR); Jeju Island, NIBRMS0000107187 (NIBR); Gangwon Province, V.A.Bulakalin, LID-423268 (LID); South Gyeongsang Province, V.A.Bulakalin, LID-419500 (LID);

Iv. Trichocoleaceae

(1) *Trichocolea*

1. *Trichocolea tomentella* (Ehrh.) Dumort.

Specimen credentials: Hong, CINC-B-0000319 (CINC)

V. Lepidoziaceae

(1) The genus *Bazzania*

1. *Bazzania denudata* (Torr. ex Gottsche, Lindenb. & Nees) Trevis.

Specimen certificate: North Gyeongsang Province, NIBRMS0000108681 (NIBR); V.a.bulakalin, LID-423353 (LID), South Gyeongsang Province; Gangwon Province, Seung-Se Choi, LId-419834 (LID)

2 *Bazzania tricrenata* (Wahlenb.) Lindb.

Specimen credential: NIBRMS0000108038 (NIBR)

3. *Bazzania pompeana* (Sande Lac.) Mitt.

Specimen credentials: South Jeolla Province, FR-0276758, (SMF); Jeju Island, V.A.Bulakalin, LID-423279 (LID);

4. *Bazzania bidentula* (Steph.) Steph.

Specimen credentials: Hong, CINC-B-0000398 (CINC);

5. *Bazzania japonica* (Sande Lac.) Lindb.

Specimen certificate: 55290 (VGBI)

6. *Bazzania coreana* (Stephani) S.Hatt.

Specimen credential: Faurie, PC0101768 (MNHN)

7 Whipweed *Bazzania trilobata* (L.) Gray

Specimen credentials: Records

(2) The genus *Lepidozia*

1. *Lepidozia vitrea* Steph.

Specimen credentials: V. A. Bulakalin, LID-421682 (LID), South Jeolla Province; Jeju Island, V.A.Bulakalin, LID-423393 (LID)

2 *Lepidozia reptans* (L.) Dumort.

Specimen certificate: V. A. Bulakalin, LID-423353 (LID), South Gyeongsang Province

3. *Lepidozia filamentosa* (Lehm. & Lindenb.) Lindenb.

Proof of specimen: Records

4. *Lepidozia subtransversa* Steph.

Specimen certificate: V. A. Bulakalin, LID-423358 (LID), South Gyeongsang Province

5. *Lepidozia fauriana* Steph.

Specimen credentials: Records

(3) The genus *Kurzia*

1. *Kurzia makinoana* (Steph.) Grolle

Specimen certificate: North Gyeongsang Province, NIBRMS0000108682, (NIBR); Jeju Island, V.A.Bulakalin, LID-423282 (LID); Gangwon Province, V.A.Bulakalin, LID-419901 (LID)

6. Calypogeiaceae

(1) Calypogeia is a genus of *Calypogeia*

1. *Calypogeia tosana* (Steph.) Steph.

Specimen certificate: North Gyeongsang Province, NIBRMS0000108649, (NIBR); Jeju Island, V.A.Bulakalin, LID-423276 (LID); South Gyeongsang Province, V.A.Bulakalin, LID-423339 (LID);

2. *Calypogeia arguta* Nees & Mont.

Specimen certificate: North Gyeongsang Province, NIBRMS0000108638 (NIBR); Jeju Island, V.A.Bulakalin, LID-423276 (LID); Gangwon, Seung-Se Choi, Lid-419823 (LID)

3. *Calypogeia japonica* Steph, whole margin Carpogeia.

Specimen certificate: V. A. Bulakalin, LID-419905 (LID), South Jeolla Province

4. *Calypogeia azurea* Stotler & Crotz

Specimen Certificate: North Gyeongsang Province, NIBRMS0000108656 (NIBR)

5. *Calypogeia neesiana* (C. Massal. & Carestia) Mull. Frib.

Specimen credential: Records

(2) *Metacalypogeia*

1. *Metacalypogeia cordifolia* (Steph.) Inoue

Proof of specimen: Seung-Se Choi, LiD-419822 (LID), South Jeolla Province

2. *Metacalypogeia alternifolia* (Nees) Grolle

Specimen certificate: V.A.Bulakalin, LID-423344 (LID), South Gyeongsang Province

Vii. *Anastrophyllaceae*

(1) *Anastrophyllum*

1. *Anastrophyllum nigrescens* (Mitt.) Stephani

Specimen certificate: record

2. *Anastrophyllum assimile* (Mitt.) Steph.

Specimen credentials: V.A. Bulakalin, LID-424537 (LID), Gangwon Province, China; South Gyeongsang Province, V.A.Bulakalin, LID-423350 (LID)

3 *Anastrophyllum michauxii* (F. Weber) H. Buch

Specimen credentials: Gangwon Province, Seung-Se Choi, LiD-424543 (LID)

4. *Anastrophyllum saxicola* (Schrad.) R. M. Schust.

Proof of specimen: Seung-Se Choi, LID-419845 (LID), South Gyeongsang Province

5. *Anastrophyllum minutum* (Schreb.) R. M. Schust.

Proof of specimen: Records

(2) *Plicanthus*

1. *Plicanthus birmensis* (Steph.) R. M. Schust.

Specimen credentials: V.A.Bakalin, LID-423355 (LID), South Gyeongsang Province; South Jeolla Province, V.A.Bulakalin, LID-419915 (LID)

(iii) *Tetralophozia*

1. *Tetralophozia filiformis* (Steph.) Urmí

Specimen certificate: V.A.Bulakalin, LID-423354 (LID), South Gyeongsang Province

2. *Tetralophozia setiformis* (Ehrh.) Schljakov

Specimen Certificate: Korea, NIBRMS0000108242 (NIBR)

(iv) *Gymnocolea*

1. *Gymnocolea inflata* (Huds.) Dumort.

Specimen credential: Korea, NIBRMS0000108237 (NIBR)

(V) *Neoorthocaulis*

1. *Neoorthocaulis attenuatus* (Mart.) L. Soderstr., De Roo & Hedd.

Proof of specimen: records

2. *Neoorthocaulis binsteadii* (Kaal.) L.Schedstr., De Roo & Hedd.

Proof of specimen: records

(6) *Barbilophozia*

1. *Barbilophozia barbata* (Schmidel ex Schreb.) Loeske

Proof of specimen: Gangwon Province, Seung-Se Choi, LID-419844 (LID)

(vii) *Schljakovianthus*

1 *Schljakovianthus quadrilobus* (Lindb.) Konstant. & Vilnet

Specimen certificate: NIBRMS0000108214, (NIBR)

(viii) *Hattoria*

1. *Hattoria yakushimensis* (Horik.) R. M. Schust.

Specimen credentials: Seung-Se Choi, LID-419847 (LID), South Gyeongsang Province

(9) *Schljakovia*

1. *Schljakovia kunzeana* (Huebener) Konstant. & Vilnet
Specimen certificate: NIBRMS0000108213, (NIBR)
(10) *Biantheridion*
1. *Biantheridion undulifolium* (Nees) Konstant. & Vilnet
Specimen credential: NIBRMS0000107963, (NIBR)
Viii. Lophoziaceae
(1) The genus *Tritomaria*
1. *Tritomaria koreana* Bakalin, S.-S. Choi & B. Y. Sun
Specimen Certificate: V. A. Bakalin, LID-425628 (LID), South Gyeongsang Province
2. *Tritomaria exsecta* (Schmidel ex Schrad.) Schiffn. ex Loeske
Specimen certificate: V. A. Bulakalin, LID-423349 (LID), South Gyeongsang Province
(ii) *Trilophozia*
1. *Trilophozia quinqueidentata* (Huds.) Bakalin
Proof of specimen: Gangwon Province, Seung-Se Choi, LiD-419846 (LID)
(3) *Lophozia*
1 *Lophozia ascendens* (Warnst.) R. M. Schust.
Proof of specimen: Records
2 *Lophozia ventricosa* (Dicks.) Dumort.
Specimen Certificate: Korea, NIBRMS0000107992 (NIBR)
9. Jungermanniaceae
(1) The genus *Jungermannia*
1. *Jungermannia exsertifolia* Steph
Specimen credentials: V. A. Bulakalin, LID-424833 (LID), South Gyeongsang Province;
Gangwon Province, Seung-Se Choi, LiD-421686 (LID)
2 Deep green leaf moss *Jungermannia atrovirens* Dumort.
Proof of specimen: Seung-Se Choi, LID-419850 (LID), South Jeolla Province
3. *Jungermannia radiculosa* (Mitt.) Steph.
Proof of specimen: Records
4 *Jungermannia pumila* With dwarf fine leaf.
Specimen Certificate: V. A. Bulakalin, LID-423258 (LID), South Gyeongsang Province
5. *Jungermannia eucordifolia* Schljakov
Specimen credentials: Korea, NIBRMS0000108238, (NIBR)
6. *Jungermannia fusiformis* (Stephani) Stephani
Specimen credentials: Records
7. *Jungermannia flagellata* (S. Hatt.) Amak.
Specimen credentials: Records
8. *Jungermannia otiana* (S. Hatt.) Amak.
Specimen credentials: Records
(2) *Liochlaena*
1. *Liochlaena subulata* (A. Evans) Schljakov
Specimen credentials: V. A. Bulakalin, LiD-424872 (LID), South Gyeongsang Province;
Gangwon Province, Seung-Se Choi, LID-419857 (LID)
(3) *Mesoptychia*
1. *Mesoptychia chichibuensis* (Inoue) L. Soderstr. & Va timea

Specimen certificate: Gangwon Province, Seung-Se Choi, Lid-421687 (LID)

2. *Mesoptychia sahlbergii* (Lindb. & Arnell) A. Evans

Specimen Certificate: Korea, NIBRMS0000108206 (NIBR)

3 *Mesoptychia heterocolpos* (Thed. ex Hartm.) L. Soderstr. & Va timea

Proof of specimen: Records

(4) *Xenochila*

1. *Xenochila integrifolia* (Mitt.) Inoue

Proof of specimen: Seung-Se Choi, LID-419853 (LID), South Gyeongsang Province

(5) *Delavayella lateralis*

1. *Delavayella serrata* Steph.

Specimen credence: Korea, NIBRMS0000108167 (NIBR)

(6) *Eremonotus*

1 *Eremonotus myriocarpus* (Carrington) Lindb. & Kaal. ex Pearson

Specimen Certificate: Korea, NIBRMS0000108203 (NIBR)

(vii) *Jamesoniella*

1. *Jamesoniella autumnalis* (DC.) Stephani

Specimen credentials: Gangwon Province, V.A. Bakalin, LID-425431 (LID); South Gyeongsang Province, V.A. Bulakalin, LID-425434 (LID)

2 *Jamesoniella undulifolia* (Nees) K. Muller

Specimen certificate: record

(viii) *Crossogyna*

1. *Crossogyna autumnalis* (DC.) Schljakov

Specimen credential: NIBRMS0000108112 (NIBR)

X. Solenostomataceae

(1) *Solenostoma* is in the family *Solenostoma*

1. *Solenostoma rosulans* (Steph.) Va timea & D. G. Long

Specimen credentials: Bakalin V., Gyeongnam Province, 112884 (KPABG); South Chungcheong Province, 61223 (VGBI); Jeju Island, 61202 (VGBI); Jeolla Buk, 55185 (VGBI)

2 Upright pipemouth moss *Solenostoma erectum* (Amakawa) C. Gao

Specimen credentials: Seung-Se Choi, LID-424604 (LID), South Chungcheong Province; V.a. bulakalin, LID-423409 (LID), South Gyeongsang Province, and Seung-Se Choi, LID-419858 (LID), Gangwon Province

3. *Solenostoma infusum* (Mitt.)

Specimen credentials: Korea, Bakalin V., 112885 (KPABG)

4. *Solenostoma fusiforme* (Steph.) R. M. Schust.

Certificate of specimen: Jeju Island, Seung-Se Choi, LID-424616 (LID)

5 *Solenostoma virgatum* (Mitt.) Va timea & D. G. Long

Specimen credentials: Korea, Bakalin V., 112886 (KPABG)

6. *Solenostoma pyriflorum* (Steph.) Steph.

Specimen certificate: V.A. Bulakalin, LID-424509 (LID), South Gyeongsang Province

7. *Solenostoma pyriflorum* var. *pyriflorum*, tundra var. *pyriflorum*

Proof of specimen: V.A. Bulakalin, LID-417647 (LID), South Gyeongsang Province

8. *Solenostoma comatum* (Nees) C. Gao

Specimen credence: Jeju Island, Seung-Se Choi, LID-419862 (LID)

9. *Seenostoma rotundatum* Amakawa

Specimen credentials: Korea, 61237 (VGBI)

10. *Solenostoma truncatum* (Nees) R. M. Schust. ex Va whisk a & D. G. Long

Specimen Certificate: Korea, 61194 (VGBI)

11. *Solenostoma torticalyx* (Steph.) C. Gao

Specimen credentials: Korea, Bakalin V., 112881 (KPABG)

12. *Solenostoma emarginatum* (Amak.) Va timea, Hentschel & J. Heninrichs

Specimen credentials: Korea, Bakalin V., 112874 (KPABG)

13. *Solenostoma obscurum* (A. Evans) R. M. Schust.

Specimen credential: Korea, 61179 (VGBI)

14. *Solenostoma plagiochilaceum* (Grolle) Va time a & D. G. Long

Specimen credential: Records

15. *Solenostoma hyalinum* (Lyell) Mitt.

Specimen Certificate: Korea, CINC-B-0055579 (CINC)

Solenostoma faurieanum (Beauverd) R. M. Schust.

Specimen credential: Records

17. *Solenostoma sunii* Bakalin & Vilnet

Specimen Credentials: LID-423348 (H), South Gyeongsang Province; Gangwon Province, Choi S. 61230 (VGBI); Jeju, S.S. Coho i 430961 (VGBI)

18. *Solenostoma ovalifolium* (Amakawa) Va timea

Proof of specimen: Records

19. *Solenostoma hattorianum* (Amak.) Potemkin & Nyushko

Proof of specimen: Records

11. Adelanthaceae

(1) *Syzygiella*

1. *Syzygiella autumnalis* (DC.) K. Feldberg, Va Timea, Hentschel & Heinrichs

Specimen Certificate: South Gyeongsang Province, Seung-Se Choi Lid-425369 (LID)

Gymnomitriaceae

(1) *Marsupella*

1. *Marsupella pseudofunkii* S. Hatt.

Specimen certificate: KR, 55189 (VGBI)

2. *Marsupella yakushimensis* (Horik.) S. Hatt.

Specimen credentials: V.A. Bulalin Lid-423391 (LID), Jeju Island; South Gyeongsang Province, Seung-Se Choi Lid-419840 (LID)

3 Moneybag Moss *Marsupella emarginata* (Ehrh.) Dumort.

Specimen credentials: V.A. Bulalin Lid-423345 (LID), South Gyeongsang Province; Jeju Island, V.A. Bulalin Lid-423365 (LID); Gangwon, Seung-Se Choi Lid-419838 (LID)

4. *Marsupella sphacelata* (Giesecke ex Lindenb.) Dumort.

Specimen credentials: Seung-Se Choi 90134369 (MO), North Gyeongsang Province

5 *Marsupella commutata* (Limpr.) Bernet

Proof of specimen: records

(2) *Nardia*

1. *Nardia assamica* (Mitt.) Amakawa

Specimen credentials: Gangwon Province, V.A.Boakalin Lid-423394 (LID); Jeju Island, Seung-Se Choi Lid-419855 (LID)

2. *Nardia subclavata* (Steph.) Amakawa

Specimen Certificate: Jeju Island, V.A.Bulalin LiD-423394 (LID)

(3) *Gymnomitrium*

1. *Gymnomitrium corallioides* Nees

Proof of specimen: Gangwon Province, Seung-Se Choi Lid-419839 (LID)

Xiii. Myliaceae

(1) The genus *Mylia*

1. *Mylia taylorii* (Hook.) Gray

Specimen credence: Gangwon Province, Seung-Se Choi Lid-419848 (LID)

2. *Mylia verrucosa* Lindb.

Specimen Certificate: South Gyeongsang Province, Seung-Se Choi Lid-419849 (LID)

14. Cephaloziellaceae

(1) The genus *Cephaloziella*

1. *Cephaloziella spinicaulis* Douin

Specimen credentials: V.A.Bulalin Lid-423285 (LID), South Gyeongsang Province; South Jeolla Province, V.A.Bulalin Lid-421881 (LID)

2 *Cephaloziella microphylla* (Steph.) Douin

Specimen credentials: Seung-Se Choi Lid-421886 (LID), Jeju Island; V.a.bulalin Lid-421684 (LID), South Jeolla Province; And South Gyeongsang Province, V.A.Bulalin Lid-421924 (LID)

3. *Cephaloziella divaricata* (Sm.) Schiffn.

Specimen certificate: NIBRMS0000108110 (NIBR)

4. *Cephaloziella hampeana* (Nees) Schiffn.

Specimen certificate: Seung-Se Choi Lid-422654 (LID), South Gyeongsang Province

(2) *Cylindrocolea*

1 *Cylindrocolea recurvifolia* (Steph.) Inoue

Proof of specimen: Seung-Se Choi Lid-424801 (LID), South Chungcheong Province; Jeju Island, Seung-Se Choi Lid-421886 (LID); And South Gyeongsang Province, V.A.Bulalin Lid-421880 (LID)

15. Scapaniaceae, Coniferaceae

(1) *Scapania* in the genus *Scapaniaceae*

1. *Scapania ampliata* Steph.

Specimen certificate: V.A.Bulalin Lid-423262 (LID), South Gyeongsang Province; Gangwon Province, Seung-Se Choi Lid-419796 (LID)

2. *Scapania integerrima* Stephani

Specimen certificate: Jeju Island, V.A.Bulalin Lid-423269 (LID); South Gyeongsang Province, Seung-Se Choi Lid-419797 (LID)

3 *Scapania ciliata* Sande Lac, Spiny Border.

Specimen credentials: V.A.Bulalin Lid-423357 (LID), South Gyeongsang Province; Jeju Island, Seung-Se Choi Lid-419800 (LID)

4 *Scapania undulata* (L.) Dumort.

Specimen certificate: Jeju Island, V.A. Bulalin LiD-423281 (LID); Gangwon Province,

Seung-Se Choi Lid-419798 (LID)

5 *Scapania parvitexta* Steph.

Specimen credentials: South Gyeongsang Province, NIBRMS0000107933 (NIBR); North Gyeongsang Province, NIBRMS0000108717 (NIBR); Jeju Island, V.A.Bulalin Lid-423278 (LID)

6 *Scapania ligulata* Steph.

Specimen credentials: V.A.Bulalin Lid-419558 (LID), South Gyeongsang Province; North Korea, Huneck KDVR 88-36 (JE)

7. *Scapania compacta* (Roth) Dumort.

Specimen certificate: CINC-B-0055429 (CINC)

8 *Scapania curta* (Mart.) Dumort.

Specimen certificate: NIBRMS0000108026 (NIBR)

9. *Scapania carinthiaca* J. B. Jack ex Lindb.

Specimen credentials: Records

10. *Scapania apiculata* Spruce

Proof of specimen: Records

(2) *Diplophyllum*

1. *Diplophyllum serrulatum* (Mull. Frib.) Steph.

Specimen certificate: North Gyeongsang Province, NIBRMS0000108643 (NIBR); V.a.bulalin Lid-421683 (LID), South Jeolla Province; Jeju Island, V.A.Bulalin Lid-423272 (LID)

2. *Diplophyllum albicans* (L.) Dumort.

Specimen certificate: V.A.Bulalin Lid-423264 (LID), South Gyeongsang Province

3. *Diplophyllum taxifolium* (Wahlenb.) Dumort.

Proof of specimen: Gangwon Province, V.A.Bakalin Lid-423406 (LID)

4. *Diplophyllum andrewsii* A.Evans

Certificate of specimen: Gangwon Province, V.A.Bulalin Lid-423267 (LID)

5. *Diplophyllum plicatum* Lindb.

Certificate of specimen: V.A.Bulalin Lid-423357 (LID), South Gyeongsang Province; Chungcheongbuk Province, V.A.Bulalin Lid-419897 (LID)

(iii) *Douinia*

1. *Douinia plicata* (Lindb.) Konstant. & Vilnet

Specimen credence: Seung-Se Choi Lid-419801 (LID), South Gyeongsang Province

(4) *Schistochilopsis*

1. *Schistochilopsis cornuta* (Steph.) Konstant.

Proof of specimen: Gangwon Province, Seung-Se Choi Lid-419842 (LID)

2. *Schistochilopsis incisa* (Schrader.) Konstant.

Specimen credential: NIBRMS0000107982 (NIBR)

Lophocoleaceae

(1) The genus *Chiloscyphus*

1. *Chiloscyphus polyanthos* (L.) Corda

Specimen certificate: North Gyeongsang Province, NIBRMS0000108560 (NIBR); Gangwon Province, NIBRMS0000108439 (NIBR) 2. *Chiloscyphus polyanthos* var. *polyanthos*

Specimen credentials: V.A.Bulalin Lid-423257 (LID), South Gyeongsang Province;

Gangwon Province, Seung-Se Choi Lid-419865 (LID)

Chiloscyphus minor (Nees) J. J. Engel & R. M. Schust, 3.

Specimen certificate: Incheon City, NIBRMS0000108367 (NIBR); Gyeongsangbuk-do, NIBRMS0000108661 (NIBR); Jeju Island, yjkiwilee 129520613 (iNaturalist); Gangwon, Seung-Se Choi Lid-419864 (LID)

Chiloscyphus profundus (Nees) J. J. Engel & R. M. Schust, 4.

Specimen credential: KNam-PL-180300123 (KNAM)

5 *Chiloscyphus itoanus* (Inoue) J. J. Engel & R. M. Schust.

Specimen certificate: CINC-B-0055532 (CINC)

6 *Chiloscyphus horikawanus* (S. Hatt.) J. J. Engel & R. M. Schust.

Proof of specimen: Records

7 *Chiloscyphus latifolius* (Nees) J. J. Engel & R. M. Schust.

Proof of specimen: Records

8. *Chiloscyphus integristipulus* (Steph.) J. J. Engel & R. M. Schust.

Specimen certificate: record

(2) *Heteroscyphus*

1. *Heteroscyphus planus* (Mitt.) Schiffn.

Specimen certificate: CINC-B-0055680 (CINC.)

2. *Heteroscyphus bescherellei* (Stephani) S.Hatt.

Specimen certificate: CINC-B-0055405 (CINC)

3. *Heteroscyphus coalitus* (Hook.) Schiffn.

Specimen credentials: Jeju Island, V.A. Bulalin Lid-423273 (LID); South Jeolla Province, Seung-Se Choi Lid-419863 (LID)

4 *Heteroscyphus tener* (Steph.) Schiffn.

Specimen credential: K. Mayebara B96189 (BBM)

5 *Heteroscyphus argutus* (Reinw., Blume & Nees) Schiffn.

Plagiochilaceae

(1) *Plagiochila*

Plagiochila ovalifolia Mitt.

Specimen credentials: Gangwon Province, NIBRMS0000107254 (NIBR); Jeju Island, NIBRMS0000107668 (NIBR); South Gyeongsang Province, V.A.Bulalin Lid-423283 (LID)

2 *Plagiochila porelloides* (Torr.ex Nees) Lindenb.

Specimen certificate: KR, Hong CINC-B-0001582 (CINC)

3 *Plagiochila sciophila* Nees ex Lindenb.

Proof of specimen: Jeju Island, V.A.Bulalin Lid-423384 (LID)

4 *Plagiochila trabeculata* Steph.

Specimen credentials: KR, 55280 (VGBI)

5 *Plagiochila shangaica* Steph.

Specimen credentials: South Jeolla Province, Seung-Se Choi Lid-419867 (LID)

6. *Plagiochila semidecurrens* (Lehm. & Lindenb.) Lindenb.

Specimen credential: KR, 55242 (VGBI)

7 *Plagiochila hakkodensis* Steph.

Specimen credentials: North Gyeongsang Province, NIBRMS0000108716 (NIBR); Jeju Island, V.A.Bulalin LiD-423389 (LID)

8. *Plagiochila gracilis* Lindenb. & Gottsche

Specimen credence: Gangwon Province, Seung-Se Choi Lid-419868 (LID)

9 *Plagiochila parvifolia* Lindenb.

Proof of specimen: Choi Lid-419866 (LID), Seung-Se, South Jeolla Province

10. *Plagiochila asplenioides* (L.) Dumort.

Specimen certificate: KR, E00417718 (E)

11 *Plagiochila durelii* Schiffn.

Specimen credential: NIBRMS0000108175 (NIBR)

12. *Plagiochila arctica* Bryhn & Kaal.

Specimen credential: NIBRMS0000108192 (NIBR)

13. *Plagiochila fruticosa* Mitt.

Specimen credential: NIBRMS0000108102 (NIBR)

14. *Plagiochila hyalodermica* Grolle & M. L. So

Specimen Certificate: NIBRMS0000108176 (NIBR)

15. *Plagiochila pulcherrima* Horik.

Specimen credential: NIBRMS0000108178 (NIBR)

16. *Plagiochila khasiana* Mitt.

Specimen credential: NIBRMS0000108177 (NIBR)

17 *Plagiochila furcifolia* Mitt.

Taxidermy credentials: Records

(2) *Pedinophyllum*

1. *Pedinophyllum truncatum* (Steph.) Inoue

Specimen credentials: W.S. Hong B96188 (BBM), Gyeonggi Province

2. *Pedinophyllum interruptum* (Nees) Lindenb.

Proof of specimen: KR, 55265 (VGBI)

Xviii. Cephaloziaceae

(1) *Cephalozia*

1. *Cephalozia otaruensis* Steph.

Specimen Certificate: V.A. Bulalin LID-424870 (LID), South Gyeongsang Province

2. *Cephalozia lacinulata* (J. B. Jack ex Gottsche & Rabenh.) Spruce

Specimen credence: Gangwon Province, Seung-Se Choi Lid-419522 (LID)

3. *Cephalozia lunulifolia* (Dumort.) Dumort.

Proof of specimen: records

4 *Cephalozia leucantha* Spruce

Proof of specimen: Records

5. *Cephalozia catenulata* (Huebener) Lindb.

Proof of specimen: Records

(2) *Odontoschisma*

1. *Odontoschisma grosseverrucosum* Steph.

Specimen credentials: V.A. Bulalin Lid-424421 (LID), South Gyeongsang Province;
Gangwon Province, Seung-Se Choi Lid-419816 (LID)

2 *Odontoschisma denudatum* (Nees) Dumort.

Proof of specimen: KR, 55165 (VGBI)

(iii) *Albiellopsis*

1. *Albiellopsis parvifolia* (Steph.) R. M. Schust.

Specimen Certificate: Jeju Island, Seung-Se Choi LiD-419854 (LID)

(4) *Nowellia*

1. *Nowellia curvifolia* (Dicks.) Mitt.

Proof of specimen: South Gyeongsang Province, Seung-Se Choi Lid-419815 (LID)

Xix. *Geocalycaceae*

(1) *Geocalyx* is in *Geocalyx* family

1. *Geocalyx lancistipulus* (Steph.) S. Hatt.

Specimen Credentials: Seoul, 22347 (TNS)

Xxiii *Radulaceae*

(1) *Radula* is a genus of *Radula*

1. *Radula tokiensis* Steph.

Specimen credentials: Choi Lid-419821 (LID), Seung-Se, South Jeolla Province

2. *Radula auriculata* Steph.

Proof of specimen: Gangwon Province, Seung-Se Choi Lid-419817 (LID)

3. *Radula kojana* Steph.

Certificate of specimen: Jeju Island, V.A.Bulalin Lid-423387 (LID); Jeolla Buk, Seung-Se Choi Lid-419820 (LID)

4. *Radula lindenberiana* Gottsche ex Hartm.

Specimen certificate: North Gyeongsang Province, NIBRMS0000108635 (NIBR); Gangwon Province, Seung-Se Choi Lid-419819 (LID)

5 *Radula japonica* Gottsche ex Steph.

Specimen certificate: V.A.Bulalin Lid-420896 (LID), South Gyeongsang Province

6. *Radula cavifolia* Hampe

Specimen certificate: V.A.Bulalin LiD-423350 (LID), South Gyeongsang Province

7. *Radula obtusiloba* Steph.

Specimen certificate: NIBRMS0000108057 (NIBR)

8. *Radula perrottetii* Gottsche ex Steph.

Specimen certificate: V.A.Bulalin Lid-423351 (LID), South Gyeongsang Province

9. *Radula complanata* (L.) Dumort.

Specimen certificate: NIBRMS0000108006 (NIBR)

10. *Radula prolifera* S.W.Arnell

Specimen credential: NIBRMS0000108195 (NIBR)

11. *Radula brunnea* Stephani

Specimen credential: NIBRMS0000108194 (NIBR)

12. *Radula oyamensis* Steph.

Specimen credentials: Records

Xxi. *Porellaceae*

1. *Macvicaria*

1. *Macvicaria ulophylla* (Steph.) S. Hatt.

Specimen certificate: Gangwon Province, NIBRMS0000108586 (NIBR); North Gyeongsang Province, NIBRMS0000108695 (NIBR); South Gyeongsang Province, Seung-Se Choi Lid-419812 (LID)

(ii) *Porella* L

1. *Porella vernicosa* Lindb.

Specimen certificate: Jeju Island, NIBRMS0000107203 (NIBR); Gyeongsangbuk-do, NIBRMS0000108701 (NIBR); Gangwon Province, V.A.Bulalin Lid-423405 (LID); South Gyeongsang Province, Seung-Se Choi Lid-419813 (LID); And Huneck s.n. (JE), North Korea

2 *Porella grandiloba* Lindb.

Specimen certificate: Gangwon Province, NIBRMS0000108484 (NIBR); North Gyeongsang Province, NIBRMS0000108702 (NIBR); Huneck K 86-30 (JE), North Korea

3 Tufted *Porella caespitans* (Steph.) S. Hatt.

Specimen certificate: Gangwon Province, NIBRMS0000108489 (NIBR); Jeju Island, V.A.Bulalin Lid-423396 (LID); South Gyeongsang Province, Seung-Se Choi Lid-419808 (LID)

4. *Porella fauriei* (Stephani) S.Hatt.

Specimen Certificate: North Gyeongsang Province, NIBRMS0000108692 (NIBR)

5. *Porella oblongifolia* S. Hatt.

Specimen certificate: CINC-B-0055626 (CINC)

6. *Porella stephaniana* (C. Massal.) S. Hatt.

Specimen Certificate: Gangwon Province, NIBRMS0000108490 (NIBR)

7. *Porella japonica* (Sande Lac.) Mitt.

Specimen certificate: Jeju Island, V.A.Bulalin Lid-423386 (LID)

8. *Porella platyphylla* (L.) Pfeiff.

Specimen certificate: NIBRMS0000108044 (NIBR)

9. *Porella pinnata* L.

Specimen Certificate: North Gyeongsang Province, NIBRMS0000108641 (NIBR)

10. *Porella chinensis* (Steph.) S. Hatt.

Specimen certificate: NIBRMS0000108001 (NIBR)

11. *Porella caespitans* var. *setigera* (Steph.) S. Hatt.

Specimen certificate: Gangwon Province, NIBRMS0000108489 (NIBR); South Gyeongsang Province, Seung-Se Choi Lid-419808 (LID)

12. *Porella densifolia* (Steph.) S. Hatt.

Specimen Certificate: Korea, NIBRMS0000108104 (NIBR)

13. *Porella perrottetiana* (Mont.) Trevis.

Specimen Certificate: Korea, NIBRMS0000108105 (NIBR)

14. *Porella subobtusa* (Steph.) S. Hatt.

Specimen credentials: Korea, C6-011995 (HYO)

15. *Porella gracillima* Mitt.

Specimen Certificate: Gangwon Province, NIBRMS0000108491 (NIBR)

16. *Porella acutifolia* (Lehm. & Lindenb.) Trevis.

Proof of specimen: Records

17. *Porella spinulosa* (Steph.) S. Hatt.

Proof of specimen: Records

Xxii. Frullaniaceae

(I) The genus *Frullania*

1. *Frullania muscicola* Steph.

Specimen credentials: South Gyeongsang Province, NIBRMS0000107937 (NIBR); Gyeonggi Province, NIBRMS0000108390 (NIBR); Jeju Island, NIBRMS0000107869

(NIBR); Gyeongsangbuk-do, NIBRMS0000108683 (NIBR)

2. *Frullania appendiculata* Stephani

Specimen Certificate: V.A.Bulalin Lid-423352 (LID), South Gyeongsang Province

3. *Frullania taradakensis* Steph.

Specimen certificate: Gangwon Province, V.A.Bulalin LiD-423401 (LID); South Gyeongsang Province, Seung-Se Choi Lid-419828 (LID)

4 *Frullania davurica* Hampe

Certificate of specimen: V.A.Bulalin Lid-423404 (LID), South Gyeongsang Province; North Gyeongsang Province, Seung-Se Choi Lid-419825 (LID)

5 *Frullania moniliata* (Reinw., Blume & Nees) Mont.

Specimen Certificate: Jeju Island, V.A.Bulalin Lid-425407 (LID)

6. *Frullania diversitexta* Steph.

Specimen Certificate: South Gyeongsang Province, Seung-Se Choi Lid-419827 (LID)

7. *Frullania tamarisci* (L.) Dumort.

Specimen certificate: KR, C6-011993 (HYO)

8. *Frullania densiloba* Steph. ex A. Evans

Specimen certificate: Jeju Island, Seung-Se Choi Lid-419802 (LID)

9. *Frullania usamiensis* Steph, Honshu.

Specimen certificate: Seung-Se LID-419829 (LID), South Gyeongsang Province

10. *Frullania ericoides* (Nees) Nees & Mont.

Proof of specimen: Records

11. *Frullania jackii* Gottsche

Specimen certificate: 120559 (KPABG)

12. *Frullania yuennanensis* Stephani

Specimen credential: NIBRMS0000108168 (NIBR)

13. *Frullania motoyana* Steph.

Specimen credentials: KR, W. S. Hong 7334 (US)

14. *Frullania polyptera* Taylor

Specimen credential: KR, 55163 (VGBI)

15. *Frullania schensiana* C. Massal.

Specimen certificate: KR, 47184 (VGBI)

16. *Frullania hamatiloba* Steph.

Specimen credentials: Korea, Hong 12405 (MO); North Korea, Urbain Jean Faurie BM000891164 (NHMUK)

17. *Frullania inflata* Gottsche

Proof of specimen: Records

18. *Frullania brotheri* Stephani

Specimen Credentials: Records

19. *Frullania fauriana* Steph.

Specimen certificate: record

20. *Frullania fuscovirens* Steph.

Specimen credentials: Records

21. *Frullania inflexa* Mitt.

"Specimen Credentials: Records

22. *Frullania kagoshimensis* Steph.

Proof of specimen: Records

23. *Frullania nepalensis* (Spreng.) Lehm. & Lindenb.

Specimen credential: Records

24. *Frullania osumiensis* (S. Hatt.) S. Hatt.

Specimen credential: Records

25. Beak flap *auricullania pedicellata* Steph.

Proof of specimen: Records

Xiii. Lejeuneaceae

(1) *Lejeunea*

1. *Lejeunea japonica* Mitt.

Specimen certificate: North Gyeongsang Province, NIBRMS0000108622 (NIBR); Jeju Island, V.A.Bulalin LiD-423277 (LID); South Jeolla Province, Seung-Se Choi Lid-419907 (LID)

2 *Lejeunea parva* (S. Hatt.) Mizut.

Proof of specimen: V.A.Bulalin Lid-423386 (LID), Jeju Island; South Jeolla Province, Seung-Se Choi Lid-419875 (LID)

3 *Lejeunea compacta* (Steph.) Steph.

Proof of specimen: Gangwon Province, Seung-Se Choi Lid-419880 (LID)

4 Wet *Lejeunea aquatica* Horik.

Proof of specimen: Choi Lid-419878, Seung-Se, South Jeolla Province (LID)

5. *Lejeunea anisophylla* Mont.

Specimen certificate: Jeju Island, V.A.Bulalin Lid-423274 (LID)

6. *Lejeunea cavifolia* (Ehrh.) Lindb.

Proof of specimen: records

7. *Lejeunea discreta* Lindenb.

Specimen credentials: Records

8. *Lejeunea planiloba* A. Evans

Proof of specimen: Records

9. *Lejeunea flava* (Sw.) Nees

Proof of specimen: records

10. *Lejeunea neelgherriana* Gottsche

Proof of specimen: Records

(2) *Cololejeunea*

1. *Cololejeunea longifolia* (Mitt.) Benedix

Specimen credentials: V.A.Bulalin Lid-419902 (LID), South Jeolla Province; South Gyeongsang Province, Seung-Se Choi Lid-419877 (LID)

2 *Cololejeunea macounii* (Spruce ex Underw.) A. Evans

Specimen certificate: NIBRMS0000108040 (NIBR)

3. *Cololejeunea japonica* (Schiffn.) Mizut.

Certificate of specimen: V.A.Bulalin Lid-419907 (LID), South Jeolla Province

4. *Cololejeunea yoshinagana* (S.Hatt.) Mizut.

Specimen credence: Seung-Se Choi Lid-419876 (LID), South Gyeongsang Province

5. *Cololejeunea kodamae* Kamim.

Specimen certificate: CINC-B-0055440 (CINC)

6. *Cololejeunea raduliloba* Steph.

Proof of specimen: Records

7. *Cololejeunea ornata* A. Evans

Proof of specimen: Records

8. *Cololejeunea trichomanis* (Gottsche) Steph.

Proof of specimen: Records

9. *Cololejeunea denticulata* (Horik.) S. Hatt.

Proof of specimen: Records

10. *Cololejeunea planissima* (Mitt.) Abeyw.

Specimen certificate: record

(3) *Cheilolejeunea*

1 *Cheilolejeunea obtusifolia* (Steph.) S. Hatt.

Specimen certificate: South Gyeongsang Province, FR-0276757 (SMF); South Chungcheong Province, Seung-Se Choi LiD-419871 (LID)

2. *Cheilolejeunea imbricata* (Nees) S.Hatt.

Proof of specimen: Records

3. *Cheilolejeunea obtusilobula* (Stephani) S.Hatt.

Proof of specimen: Records

(4) *Acrolejeunea*

1. *Acrolejeunea sandvicensis* (Gottsche) Steph.

Specimen credentials: V.A. Bulalin Lid-419917 (LID), South Jeolla Province; South Gyeongsang Province, Seung-Se Choi Lid-419879 (LID)

2 *Acrolejeunea pusilla* (Steph.) Grolle & Gradst.

Specimen credential: KR, 55068 (VGBI)

(V) *Microlejeunea*

1 *Microlejeunea ulicina* (Taylor) Steph.

Specimen certificate: Choi Lid-419874 (LID), Seung-Se, South Jeolla Province

6. *Tuzibeanthus*

1. *Tuzibeanthus chinensis* (Steph.) Mizut.

Proof of specimen: Gangwon Province, V.A.Bulalin Lid-423400 (LID)

(vii) *Ptychanthus*

1. *Ptychanthus striatus* (Lehm. & Lindenb.) Nees

Specimen certificate: NIBRMS0000108180 (NIBR)

(8) *Lopholejeunea*

1 *Lopholejeunea subfusca* (Nees) Schiffn.

Proof of specimen: records

(9) *Acanthocoleus*

1. *Acanthocoleus yoshinaganus* (S. Hatt.) Kruijt

Proof of specimen: Records

Fossombroniaceae

(1) Fossombronia is a genus of *Fossombronia*

1. *Fossombronia japonica* Schiffn.

Specimen certificate: Ulsan City, V.A.Bulalin LiD-423173 (LID)

Fossombronia pusilla (L.) Dumort.

Specimen credentials: Records

XXV. Makinoaceae

(1) *Makinoa* of Nanxiensis

1. *Makinoa crispata* (Steph.) Miyake

Specimen certificate: Seung-Se Choi Lid-419815 (LID), South Gyeongsang Province

Xvi. Pallaviciniaceae

(1) *Pallavicinia*

1. *Pallavicinia subciliata* (Austin) Steph

Specimen credence: Jeju Island, Seung-Se Choi Lid-424657 (LID)

Aneuraceae, Seung - se

(I) *Aneura* of the genus *Aneura*

1. *Aneura maxima* (Schiffn.) Steph.

Certificate of specimen: V.A.Bulalin Lid-423284 (LID), South Gyeongsang Province

2 *Aneura pinguis* (L.) Dumort, green *Aneura* *Pinguis*.

Specimen certificate: NIBRMS0000107969 (NIBR)

2. *Riccardia*

1. *Riccardia chamedryfolia* (With.) Grolle

Specimen credential: NIBRMS0000107978 (NIBR)

2. *Riccardia multifida* (L.) Gray

Specimen credential: NIBRMS0000108116 (NIBR)

3 *Riccardia latifrons* (Lindb.) Lindb.

Proof of specimen: Records

Xviii. Metzgeriaceae

(I) The genus *Metzgeria*

1. *Apometzgeria pubescens* var. *pubescens*

Specimen certificate: Gangwon Province, NIBRMS0000108596 (NIBR); North Gyeongsang Province, NIBRMS0000108650 (NIBR)

2 Flat Forked Moss *Metzgeria conjugata* Lindb.

Specimen voucher: CINC-B-0032763 (CINC)

3 *Metzgeria furcata* (L.) Corda

Specimen Certificate: North Gyeongsang Province, NIBRMS0000108637 (NIBR); Jeju Island, V.A.Bulalin Lid-423395 (LID); And Gangwon Province, North Korea, U. J. Faurie13199 (FH)

4 *Metzgeria lindbergii* Schiffn.

Specimen certificate: North Gyeongsang Province, NIBRMS0000108523 (NIBR); Jeju Island, NIBRMS0000107892 (NIBR)

5. *Metzgeria temperata* Kuwah.

Proof of specimen: V.A.Bulalin Lid-419916 (LID), South Jeolla Province

6. *Metzgeria japonica* (S.Hatt.) Kuwah.

Proof of specimen: Records

7 *Metzgeria leptoneura* Spruce

Specimen credential: NIBRMS0000108101 (NIBR)

8 *Metzgeria duricosta* Steph.

Specimen credential: Faurie G-G-147192/11 (G)

Xxix. Pelliaceae

(1) *Apopellia*

1. *Apopellia endiviifolia* (Dicks.) Nebel & D. Quandt

Specimen certificate: North Gyeongsang Province, NIBRMS0000108575 (NIBR); South Gyeongsang Province, NIBRMS0000107926 (NIBR); North Jeolla Province, NIBRMS0000107916 (NIBR); North Korea, S.Huneck_86-4 ()

(ii) *Pellia*

1. *Pellia neesiana* (Gottsche) Limpr.

Specimen Certificate: V.A.Bulalin Lid-423408 (LID), South Gyeongsang Province

2. *Pellia epiphylla* (L.) Corda

Specimen certificate: NIBRMS0000108043 (NIBR)

Xiii. Blasiaceae

(1) *Blasiaceae*

1 *Blasia pusilla* L.

Specimen certificate: Jeju Island, T. Yamaguchi B9082 (TAIE)

Xxi, Targioniaceae

(1) *Targionia*

1. *Targionia hypophylla* L.

Specimen credential: NIBRMS0000108011 (NIBR)

Xxii. Aytoniaceae

(I) The genus *Reboulia* belongs to Aytoniaceae

1. *Reboulia hemisphaerica* (L.) Raddi

Specimen certificate: Gangwon Province, 185360401 (iNaturalist); South Gyeongsang Province, V.A.Bulalin Lid-420505 (LID)

Plagiochasma (ii)

1. *Plagiochasma japonicum* (Steph.) C. Massal.

Specimen Certificate: Gangwon Province, NIBRMS0000108603 (NIBR)

2 *Plagiochasma pterospermum* C. Massal.

Specimen credence: Gangwon Province, NIBRMS0000107280 (NIBR)

(3) The Calyx genus *Asterella*

1. *Asterella cruciata* (Steph.) Horik.

Specimen certificate: Gangwon Province, NIBRMS0000108602 (NIBR)

2. *Asterella leptophylla* (Mont.) Grolle

Specimen certificate: NIBRMS0000107962 (NIBR); Gangwon Do, Faurie, U.J.PC0738933, Korea (MNH)

3. *Asterella odora* S.Hatt.

Specimen credential: D.M. Choe B155962 (BBM)

4. *Asterella chichibuensis* Shimizu & S.Hatt.

Taxidermy credentials: Records

5. *Asterella gracilis* (F.Weber) Underw.

Specimen credentials: Records

6 *Asterella ludwigii* (Schwagr.) Underw. ex Frye & L.Clark

Taxidermy credentials: Records

(4) The genus *Mannia*

1. *Mannia fragrans* (Balb.) Frye & L. Clark

Specimen certificate: NIBRMS0000107993 (NIBR)

2. *Mannia gracilis* (F. Weber) D.B. Schill & D.G. Long

Specimen Certificate: NIBRMS0000108204 (NIBR)

Xxxiii, Conocephalaceae

(1) *Conocephalum*

1. *Conocephalum conicum* (L.) Dumort.

Specimen certificate: North Gyeongsang Province, NIBRMS0000108537 (NIBR); Gangwon Province, NIBRMS0000108487 (NIBR); South Gyeongsang Province, V.A. Bulalin Lid-418686 (LID)

2. Dark Snake Moss *Conocephalum salebrosum* Szwedk., Buczk. & Odrzyk.

Specimen credentials: Gangwon Province, V.A. Bulalin Lid-425314 (LID); Seoul, yjkiwillee 45559657 (iNaturalist)

(2) iNaturalist *Sandea*

1. *Sandea japonica* Steph. ex Yoshin.

Specimen certificate: South Chungcheong Province, 178527102 (iNaturalist); Gangwon Province, NIBRMS0000108591 (NIBR); Gyeongsangbuk-do, NIBRMS0000108513 (NIBR); Jeju Island, V.A. Bulalin Lid-423273 (LID); And South Gyeongsang Province, V.A. Bulalin Lid-420897 (LID)

Xxxiv, Marchantiaceae

(1) *Marchantia* belongs to *Marchantia*

1. *Marchantia polymorpha* L.

Specimen Certificate: Jeolla Buk, 179677475 (iNaturalist)

2. *Marchantia paleacea* Bertol.

Specimen Certificate: Gangwon Province, NIBRMS0000108416 (NIBR)

Marchantia paleacea subsp. *diptera* (Nees & Mont.) Inoue

Taxidermy credentials: Records

(2) *Preissia*

1. *Preissia quadrata* (Scop.) Nees

Specimen credence: NIBRMS0000108003 (NIBR)

35. Ricciaceae

(1) *Ricciaceae*

1. *Riccia fluitans* L.

Specimen Certificate: Incheon City, NIBRMS0000108406 (NIBR)

2. Money Moss *Riccia glauca* L.

Specimen Certificate: North Gyeongsang Province, NIBRMS0000108554 (NIBR)

3. *Riccia bifurca* Hoffm.

Specimen Certificate: North Gyeongsang Province, NIBRMS0000108737 (NIBR)

4. *Riccia huebeneriana* Lindenb.

Specimen certificate: NIBRMS0000107979 (NIBR)

(2) *Ricciocarpos*

1. *Ricciocarpos natans* (L.) Corda

Specimen certificate: KR, 9700845 (MO)

Thirty-six, Stellariaceae Cleveaceae

(1) The genus *Sauteria*

1. *Sauteria alpina* (Nees) Nees

Specimen certificate: KR, NIBRMS0000108210 (NIBR)

Xxvii. Dumortieraceae

1. *Dumortierera* belongs to *Dumortiera*

1. *Dumortiera hirsuta* (Sw.) Nees

Specimen Certificate: North Gyeongsang Province, NIBRMS0000108652 (NIBR); Jeju Island, LID-423270 (LID)

Xxviii. Acrobolbaceae

(1) *Acrobolbaceae*

1 *Acrobolbus ciliatus* (Mitt.) Schiffn.

Proof of specimen: Seung-Se Choi, LID-419843 (LID), South Gyeongsang Province

Thirty-nine, Neotrichocoleaceae

(1) *Trichocoleopsis*

1. *Trichocoleopsis sacculata* (Mitt.) S. Okamura

Specimen credentials: V.A. Bulakalin, LID-423357 (LID), South Gyeongsang Province; Gangwon Province, Seung-Se Choi, LID-419804 (LID)

(2) *Neotrichocolea*

1. *Neotrichocolea bissetii* (Mitt.) S. Hatt.

Proof of specimen: Seung-Se Choi, LID-419803 (LID), South Gyeongsang Province

Forty, Calyculariaceae

(1) *Calycularia*

1. *Calycularia crispula* Mitt.

Proof of specimen: V.A. Bulalin Lid-418406 (LID), South Gyeongsang Province

2. *Calycularia laxa* Lindenb. & S.W. Arnell

Specimen creditable: V.A. Bakalin Lid-423256 (LID), South Gyeongsang Province

41, Moerckiacae

1. *Hattorianthus*

Hattorianthus erimonus (Steph.) R. M. Schust. & Inoue

Specimen certificate: NIBRMS0000108017 (NIBR)

(2) *Moerckia*

1. *Moerckia flotoviana* (Nees) Schiffner

Specimen credential: NIBRMS0000108218 (NIBR)

Pleuroziaceae

(1) The genus *Pleurozia*

1 *Pleurozia subinflata* (Austin) Austin

Specimen credential: NIBRMS0000108179 (NIBR)

Forty-three, Wiesnerellaceae

(1) The genus *Wiesnerella*

1. *Wiesnerella denudata* (Mitt.) Steph.

Specimen certificate: Jeju Island, V.A. Bulalin Lid-423364 (LID)

Forty-four, Treubiaceae, Dow

(1) *Apotreubia*

1. *Apotreubia nana* (S. Hatt. & Inoue) S. Hatt. & Mizut.

Specimen certificate: NIBRMS0000108200 (NIBR)

Forty-five, Haplomitriaceae

(1) *Haplomitrium*

1. *Haplomitrium mnioides* (Lindb.) R. M. Schust.

Specimen credential: NIBRMS0000108169 (NIBR)

46. Mastigophoraceae

(1) The genus *Mastigophora*

1. *Mastigophora dicladus* (Brid.) Nees

Specimen credential: KR, Hong 90030550 (MO)

Xvii. Harpanthaceae

(1) Harpanthus is from the genus *Harpanthus*

1. *Harpanthus flotovianus* (Nees) Nees

Specimen Certificate: Gangwon Province, NIBRMS0000107988 (NIBR)

48. Hygrobiellaceae

(1) *Hygrobiellella*

1. *Hygrobiella laxifolia* (Hook.) Spruce

Proof of specimen: Records

49. Jubulaceae

(1) *Jubula*

1. *Jubula hutchinsiae* (Hook.) Dumort.

Specimen credentials: Jeju Island, V.A.Bulalin, LiD-423385 (LID); South Jeolla Province, V.A.Bulakalin, LID-419909 (LID)

Jubula japonica Steph.

Specimen credential: Records

(2) *Nipponolejeunea*

1. *Nipponolejeunea pilifera* (Steph.) S. Hatt.

Specimen certificate: V.A.Bulakalin, LID-423340 (LID), South Gyeongsang Province

2. *Nipponolejeunea subalpina* (Horik.) S. Hatt.

Specimen certificate: NIBRMS0000108051, (NIBR)

(iii) *Neohattoria*

1. *Neohattoria herzogii* (S.Hatt.) Kamim.

Specimen certificate: NIBRMS0000108248, (NIBR)

Hornworts

Anthocerotaceae hornworts

(I) *Folioceros*

1. *Folioceros fuciformis* (Mont.) D. C. Bhardwaj

Specimen credentials: Jeju Island, NIBRMS0000107595 (NIBR);

2. *Anthoceros punctatus* L.

Specimen certificate: record

Ii. Notothyladaceae

(1) *Phaeoceros*

1. *Phaeoceros carolinianus* (Michx.) Prosk.

Specimen credentials: V.A. Bulakalin, LID-423397 (KPABG(H)); James R. Shevock, Gyeonggi-Do, 103316528 (MO)

2 *Phaeoceros laevis* (L.) Prosk.

Specimen credentials: Jeju Island , Hong, Won Shic, CINC-B-0000026 (CINC University of Cincinnati);

(ii) *Notothylas*

1. *Notothylas orbicularis* (Schwein.) Sull.

Specimen Certificate: North Gyeongsang Province, NIBRMS0000108671 (NIBR)

Iii. *Dendrocerotaceae*

(1) The genus *Megaceros*

1. *Megaceros flagellaris* (Mitt.) Steph.

Specimen credentials: Jeju Island, NIBRMS0000107681 (NIBR); South Gyeongsang Province, V.A. Bulalin LID-423410 (KPABG(H))