

2. *W. Virginica* (Linn. Mant. 307).Smith, l. c. 412; *W. Banisteriana*, Michx. 263.*Scolopendrium* (Smith) Hook.§ *vera*.1. *S. vulgare*, Smith 421.*Asplenium Scolopendrium*, Linn. 1537; *S. officinarum*, Swartz 89.§ *Camptosorus*, Link.1. *C. rhizophyllus* (Linn. 1536).

Link, Fil. Hort. Berol. ii. 69.

*Asplenium*, Linn.1. *A. pinnatifidum*, Nuttall,

Gen. N. A. Plants, ii. 251.

2. *A. montanum*, Willd. 342.*A. Adiantum-nigrum*, Michx. 265.3. *A. Ruta-muraria*, Linn. 1541.4. *A. septentrionale* (Linn. 1524).

Hoffman, Deuts. Fl. ii. 12.

5. *A. viride*, Hudson,Fl. Ang. 385; *A. Tri-ranum* Linn. 1541.6. *A. Trichomanes*, Linn. 1540.*A. melanocaulon*, Willd.; Pursh 666.7. *A. ebeneum*, Aiton,Hort. Kew. iii. 462; *A. trichomanoides*, Michx. 265.8. *A. marinum*, Linn. 1540.

Attributed to the Lower Provinces by Sir Wm. Hooker,—probably in error.

9. *A. angustifolium*, Michx. 265.10. *A. thelypteroides*, Michx. 265.*Athyrium*, Roth.1. *A. Filix-fœmina* (Linn. 1551).Roth, Fl. Germ. iii. 65; *N. filix-f.* and *N. asplenoides*, Michx. 265; also *Aspd. angustum*, Willd., Pursh 664. Perhaps an *Asplenium*.

## Tribe ASPIDIEÆ.

*Phegopteris*, Fée.1. *P. Dryopteris* (Linn. 1555).Fée, Gen. Fil. 243. *Nephrodium* D., Michx. 270. (Mr. Moore refers Michaux's plant to the next species.)2. *P. Robertiana* (Hoffm.).*P. calcarea*, Fée, l. c. 243; *Polypodium calcareum*, Smith; doubtfully distinct from *P. Dryopteris*. Universally but erroneously attributed to North America.3. *P. coniectile* (Michx. 271).*Polypodium Phegopteris*, Linn. 1550; *P. coniectile*, Willd. 200, Pursh 659. Michaux's name ought to be restored to this plant; it has priority over those of Fée or Mettenius.4. *P. hexagonoptera* (Michx. 271).

Fée, Genera Filicum, 243.

5. *P. rhætica* (Linn. 1552).*P. alpestris*, Mettenius; *Polypodium alpestre*, Hoppe; *Aspidium rhæticum*, Swartz 59. Cascades; Rocky Mts. 49° N. Lat., Dr. Lyall.[*P. montana* (Volger).More properly *Aspidium montanum*; though it has been placed here by Fée.]*Aspidium*, Swartz.*Polystichum*, Roth.; *Dryopteris*, Adanson.§ *Dryopteris* (Schott) A. Gray.*Lastrea*, Presl; *Nephrodium*, Richards, R. Brown, Hooker; *Polystichum*, D.C., Koch, Ledebour.1. *D. Thelypteris* (Linn. 1528).

Gray's Manual, Ed. 1st. 630.

2. *D. Nov-Eboracensis* (Linn. 1552).Gray, l. c. 630, *N. thelypteroides*, Michx. 267.3. *D. montana* (Volger).*Aspd. Oreopteris* (Ehrhart) Swartz 50. Mr. Moore says that *Aspidium montanum* has been found in Vermont—certainly an error.4. *D. spinulosa-dilatata*.*Polypodium dilatatum*, Hoffman; *Aspd. dilatatum*, Swartz 120; and *A. dumetorium*, Willd. 263. *D. dilatata*, Gray, l. c. 631. Dr. Gray justly considers this form (which is common in eastern U. S.) to be merely a variety of *Aspidium spinulosum* Swartz.5. *D. spinulosa-vera*.*Polypodium spinulosum* Retzius; *Aspd. s.* Swartz 51, 529; *A. intermedium*, Willd. 262. Common west of Quebec.6. *D. spinulosa-remota*.*Aspd. remotum*, A. Br.; *Nephrodium r.* Hook. Br. Ferns, t. 22; *Aspd. Bootlii*, Tuckerman. Dr. Gray refers *Dryopteris remota* here (as *A. spinulosum* var. *Bootlii*)—it may prove to be a distinct species; it is not well known to me.7. *D. cristata* (Linn. 1551).Gray, l. c. 631; *A. Lancastriense*, Sprengel, Swartz 32.8. var. *majus* (Eaton).*A. filix-mas*, Pursh 667?9. *D. Goldiana*, Hook.Gray, l. c. 631; *A. filix-mas*, Pursh 662?10. *D. Filix-mas* (Linn. 1551).

Schott, Gen. Fil. t. 9. Rocky Mts.

11. *D. marginale* (Linn. 1552).

Gray, l. c. 632.

12. *D. arguta* (Kaulf. 242).*N. rigidum* var. *Americanum*, Hook. Sp. Fil. 60.13. *D. rigida* (Hoffm.).Not of Gray, l. c. 631. *A. rigidum*, Swartz 53. Attributed to North America by Mr. Bentham—doubtless in error.§ *Polystichum*, Schott,Presl, A. Gray; *Aspidium*, Richards, R. Brown, Ledebour.1. *P. fragrans* (Linn. 1550).*A. fragrans*, Swartz, 51. In technical characters this plant is more properly *Dryopteris fragrans*, and is so considered by Hooker, Ledebour, etc. I agree with Dr. Gray in considering that its natural affinity places it here.*P. aculeatum* (Linn. 1552).*A. aculeatum* and *A. lobatum* (Aiton) Swartz 53, and *A. angulare*, Willd. 257. The typical form (*A. aculeatum*, Willd. etc.) has not been found in North America. Mr. Moore's remark—"extends from the eastern U. S. to Columbia on the north-west coast"—is certainly an error. We have, however, two well-marked and constant varieties.2. var. *Braunii* (Koch).*A. Braunii*, Spenner; *P. Braunii*, Fée; which is allied to the European *Aspidium aculeatum* var. *angulare*.