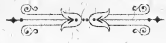


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Case 30. Class 461.

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CATALOGUE

OF

FERNS OF NORTH AMERICA

IN

Lorenzo G. Yates' Collection,

SANTA BARBARA, CAL.

Being a full list of all the known species found in the
United States and British America.

Santa Barbara, Cal.
1886.



CATALOGUE

— OF —

FERNS OF NORTH AMERICA

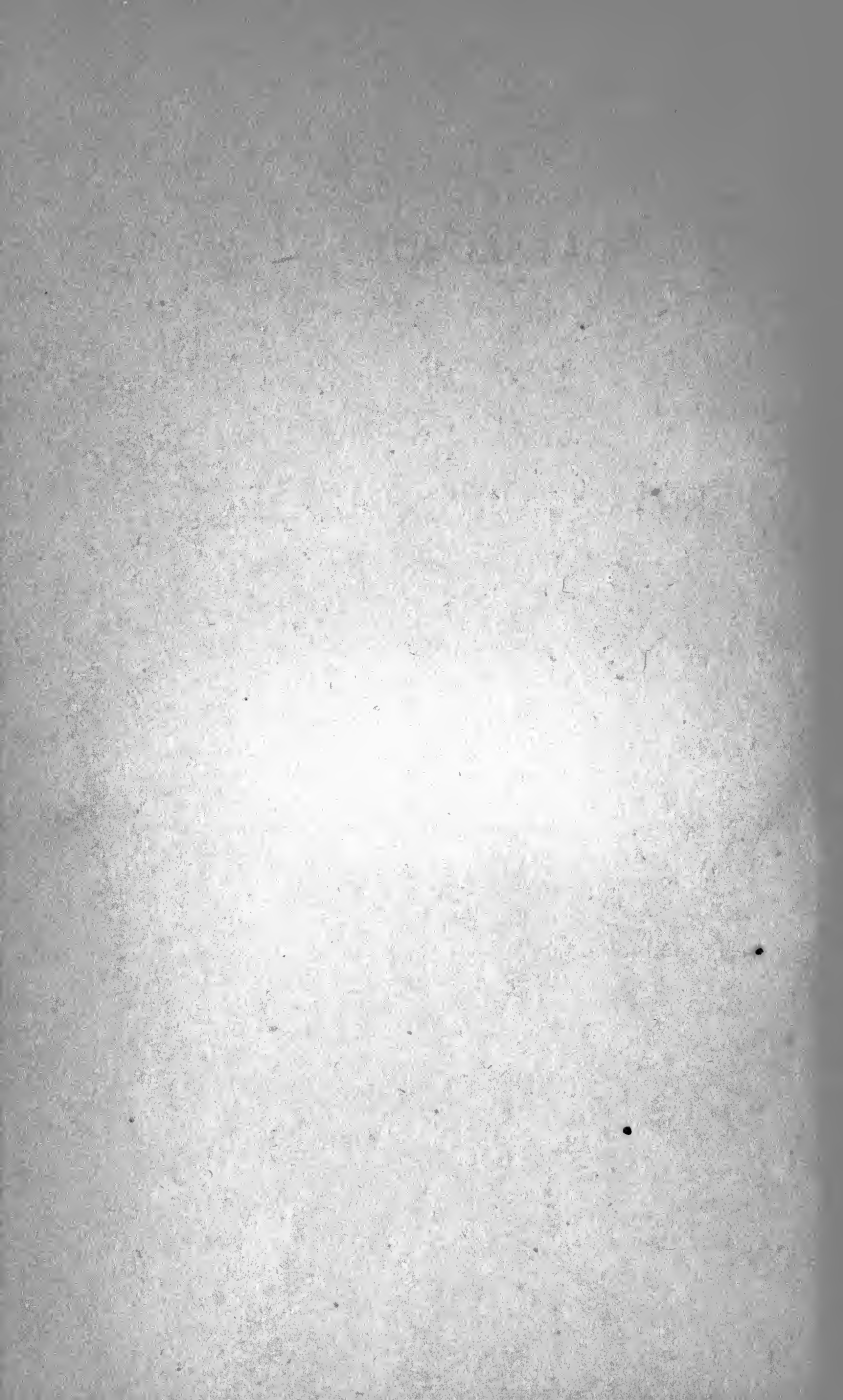
— IN —

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FERNS OF NORTH AMERICA

— IN —

L. G. YATES' COLLECTION.

ACROSTICHUM.

Acrostichum aureum.....*L.*...Florida and Trinidad, W. I.

ADIANTUM.

Adiantum capillus-veneris.....*L.*...California and Mexico
“ “ crested var..Santa Barbara, Cal.
“ *emarginatum*.....*Hook.*.....California
“ *pedatum*... ..*L.*..Illinois; California; Oregon
“ *tenerum*.....*Swtz.*.....Florida
“ *tricholepis*.....*Fee.*.....

ASPIDIUM.

Aspidium acrostichoides... ..*Swtz.*.....Illinois
“ “ var. *incisum*..*Gray.*.....Virginia
“ *aculeatum**Swtz.*.....California
“ “ var. *angulare*..*Braun.*..... “
“ “ *braunii*..*Dell.*.....Vermont
“ “ *lobatum*.. ..California
“ “ *californicum*..... “
“ “ *between californicum and typical*...Cal.
“ “ *scopulinum*..*Eaton.*.....California
“ *bootii*.....*Tuckerm.*.....Illinois
“ *conterminum*, var. *strigosum*..*Eaton.*.....
“ *cristatum*.....*Swtz.*.....Ohio

<i>Aspidium cristatum</i> , var. <i>clintonianum</i> ..	<i>Eaton</i>..	.....	New York
“ <i>felix-mas</i>	<i>Swtz</i>		Utah
“ <i>floridanum</i>	<i>Eaton</i>		Florida
“ <i>fragrans</i>	<i>Swtz</i>		Vermont
“ <i>goldieanum</i>	<i>Hook</i>		Ohio
“ <i>juglandifolium</i>	<i>Kze</i>		Arizona
“ <i>lonchitis</i>	<i>Swtz</i>		Canada
“ <i>marginale</i>	<i>Swtz</i> ..	New Brunswick; Mass.	
“ <i>mohrioides</i>	<i>Borg</i>		California
“ “ var. <i>scopulorum</i>			“
“ <i>munitum</i>	<i>Karulf</i>		“
“ “ var. <i>imbricans</i> ..	<i>Eaton</i> ..	California and Oregon	
“ “ “ <i>inciso-serratum</i> ..		California	
“ “ “ <i>nudatum</i> ..			“
“ <i>nevadense</i>	<i>Eaton</i>		California
“ <i>noveboracense</i>	<i>Swtz</i>		Ohio
“ <i>oreopteris</i>	<i>Swtz</i>		
“ <i>patens</i> ...	<i>Swtz</i> ..	Santa Barbara, California	
“ <i>patulum</i>			Arizona
“ <i>rigidum</i>	<i>Swtz</i>		
“ “ var. <i>argutum</i> ..	<i>Eaton</i> ..		California
“ <i>spinulosum</i>	<i>Swtz</i>		New Brunswick
“ <i>spinulosum</i> , var. <i>dilatatum</i> ..	<i>Hornm</i>		Oregon
“ “ “ <i>intermedium</i> ..	<i>Eaton</i>		Mexico
“ <i>thelypteris</i>	<i>Swtz</i>		New York
“ <i>trifoliatum</i>	<i>Swtz</i>		Florida
“ <i>unitum</i> , var. <i>glabrum</i> ..	<i>Mett</i>		

ASPLENIUM.

<i>Asplenium angustifolium</i>	<i>Mich</i>		Illinois
“ <i>bradleyi</i>	<i>Eaton</i>		
“ <i>cicutarium</i>	<i>Swtz</i>		Mexico
“ <i>dentatum</i>	<i>L</i>		Florida
“ <i>ebeneum</i>	<i>Ait</i>		New York
“ “ var. <i>proliferum</i> ..	<i>Eaton</i>		
“ <i>ebenoides</i>	<i>Scott</i>		
“ <i>felix-fœmina</i>	<i>Bernh</i> ..	Arizona and California	
“ “ var. <i>angustum</i> ..	<i>Eaton</i>		“
“ “ “ <i>cristatum</i> ..			“
“ “ “ <i>cyclosorum</i> ..			“

Asplenium felix-fœmina, var. exile..	.....	California
“ firmum.....	<i>Kze.</i>	Florida
“ glenniei.....	<i>Baker.</i>	Arizona
“ monanthemum.....	<i>L.</i>	Arizona
“ montanum.....	<i>Willd.</i>	Alabama
“ parvulum.....	<i>M. and G.</i>	Arizona
“ pinnatifidum.....	<i>Nutt.</i>	Alabama
“ rhizophyllum.....	<i>Kze.</i>.....	.....
“ “ var. myriophyllum..	<i>Mett.</i>	Florida
“ rutamuraria.....	<i>L.</i>	Ohio
“ septentrionale.....	<i>Hoffm.</i>	Arizona
“ serratum.....	<i>L.</i>.....	.....
“ thelypteroides.....	<i>Mich.</i>	New Brunswick
“ trichomanes.....	<i>L.</i>	New York and Illinois
“ “ var. incisum..	<i>Moore.</i>	California
“ viride ..	<i>Huds.</i>	Vermont

ANEMIA.

Anemia adiantifolia.....	<i>Swtz.</i>	Florida
“ mexicana.....	<i>Klotz.</i>

BLECHNUM.

Blechnum serrulatum.....	<i>Rich.</i>
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BOTRYCHIUM.

Botrychium boreale.....	<i>Milde.</i>
“ lanceolatum.....	<i>Ang.</i>	Massachusetts
“ lunaria.....	<i>Swtz.</i>	Labrador
“ matricariæfolium..	<i>A. Br.</i>	New York
“ simplex.....	<i>Hitch.</i>	New York
“ ternatum.....	<i>Swtz.</i>	“ “
“ “ var. dissectum..	<i>Milde.</i>	“ “
“ “ “ lunarioides..	<i>Milde.</i>	Ohio
“ “ “ obliquum..	<i>Milde.</i>	New York
“ virginianum.....	<i>Swtz.</i>	Illinois and New York

CAMPTOSORUS.

Camptosorus rizophyllus.....	<i>Link.</i>	Illinois
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CERATOPTERIS.

Ceratopteris thalictrioides.....	<i>Brongn.</i>	Florida
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CHEILANTHES.

Cheilanthes	argentea	Hook	
"	alabamensis	Kze	Arizona and Tennessee
"	californica	.....	Mett	.....	California
"	clevelandii	.....	Eaton	.....	"
"	cooperae	.....	Eaton	.....	"
"	eatoni	.....	Bkr	.....	Arizona
"	fendleri	.....	Hook	.....	Mexico and California
"	gracillima	.....	Eaton	.....	"
"	lanuginosa	.....	Nutt	.....	Arizona
"	lendigera	.....	Swtz	.....	"
"	leucopoda	.....	Link	.....
"	lindheimeri	.....	Hook	.....	Arizona
"	microphylla	.....	Swtz	.....	Florida
"	myriophylla	.....	Desv	.....	Arizona
"	parishii	.....	Dav	.....
"	scariosa	.....	Baker	.....	Arizona
"	tomentosa	.....	Link	.....	"
"	"	var. eatoni	.....	.....	"
"	"	"	"
"	vestita	.....	Swtz	.....	Colorado
"	wrightii	Hook	Arizona

CRYPTOGRAMME.

Cryptogramme	acrostichoides	R. Br	California
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CYSTOPTERIS.

Cystopteris	bulbifera	Bernh	Canada
"	fragilis	Bernh	Ohio and California
"	montana	Bernh	British America

DICKSONIA.

Dicksonia	pilosiuscula	Willd	New Brunswick
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GYMNOGRAMME.

Gymnogramme	hispida	Mett	Arizona
"	triangularis	Kaulf	California
"	"	var. argentea	.....	.....	Yosemite, Cal.

LOMARIA.

- Lomaria spicant *Desv.* Oregon
 " " var. serratum *Woll.*

LYGODIUM.

- Lygodium palmatum *Swtz.* Massachusetts

NEPHROLEPIS.

- Nephrolepis exaltata *Schott.* Florida

NOTHOLÆNA.

- Notholæna aschenborniana *Klotz.*
 " californica *Eaton* } ... California and Arizona
 var. cretacea *Dav.* }
 " candida *Hook.*
 " dealbata *Kze.* Arizona
 " fendleri *Kze.* Colorado
 " ferruginea *Hook.* Arizona
 " " var. parva *Lam.* "
 " grayi *Daven.* "
 " hookeri *Eaton* "
 " lemmoni *Eaton.* "
 " newberryi *Eaton.* California
 " nivea *Desv.* Arizona
 " " var. dealbata *Kze.* Arkansas
 " parryi *Eaton.* California
 " sinuata *Kaulf.*
 " " var. angustata *Lem.* Arizona
 " " " breviata *Lem.* "
 " " " crenata "
 " " " platyphylla "
 " tenera *Gillies.* Santa Barbara, California

ONOCLEA.

- Onoclea sensibilis *L.* New York
 " " var. obtusiloba *Torr.* " "
 " struthiopteris *Hoffm.* " "

OPHIOGLOSSUM."

- Ophioglossum crotalophoroides *Walt.*

Ophioglossum nudicaule.....	<i>L.</i>	
“ palmatum.....	<i>Plum.</i>	
“ vulgatum.....	<i>L.</i>	New Hampshire

OSMUNDA.

Osmunda cinnamonea.....	<i>L.</i>	New York
“ “ var. frondosa..		Massachusetts
“ claytoniana.....	<i>L.</i>	New York
“ regalis..	<i>L.</i>	“ “

PELLÆA.

Pellæa andromedæfolia....	<i>Fee</i>	California
“ “ red var...		“
“ aspera.....	<i>Baker</i>	
“ atropurpurea.....	<i>Link</i>	New York
“ brachyptera.....	<i>Baker</i>	California
“ breweri.....	<i>Eaton</i>	“
“ bridgesii.....	<i>Hook</i>	“
“ cordata.....	<i>J. Smith</i>	Arizona
“ densa.....	<i>Hook</i>	California
“ flexuosa.....	<i>Link</i>	
“ gracilis.....	<i>Hook</i>	New York
“ marginata.....	<i>Baker</i>	California and Arizona
“ ornithopus.....	<i>Hook</i>	California
“ “ var. brachyptera..		“
“ pulchella.....	<i>Fee</i>	Hawaiian Is
“ ternifolia.....	<i>Link</i>	
“ wrightiana.....	<i>Hook</i>	Arizona
“ “ var. longimucronata.....		Arizona
“ “ “ californica..		California
“ “ “ compacta..		

PHEGOPTERIS.

Phegopteris alpestris.....	<i>Mett</i>	California
“ dryopteris.....	<i>Fee</i>	New Hampshire
“ “ var. robertianum.....		
“ hexagonoptera.....	<i>Fee</i>	Ohio
“ polypodioides.....	<i>Fee</i>	New York

POLYPODIUM.

Polypodium aureum.....	<i>L.</i>	Florida
“ californicum.....	<i>Kaulf.</i>	California
“ “ var. intermedium..	<i>Eaton</i>	“
“ falcatum.....	<i>Kell.</i>	Oregon
“ incanum.....	<i>Swtz.</i>	“
“ pectinatum.....	<i>L.</i>	Florida
“ phyllitidis.....	<i>L.</i>	Florida
“ plumula.....	<i>H. B. K.</i>	Florida
“ scouleri.....	<i>H. and G.</i>	California
“ swartzii.....	<i>Baker.</i>	Florida
“ thysanolepis.....	<i>A. Br.</i>	Arizona
“ vulgare.....	<i>L.</i>	Illinois and Arizona
“ “ var. occidentale..	.....	California

PTERIS.

Pteris aquilina.....	<i>L.</i>	New Brunswick
“ “ var. caudata ...	<i>Hook.</i>	Florida
“ “ “ lanuginosa..	<i>Bong.</i>	California
“ cretica.....	<i>L.</i>	Florida
“ longifolia	<i>L.</i>	“
“ serrulata.. ..	<i>L.</i>	“

SCHIZÆA.

Schizæa pusilla.....	<i>Pursh.</i>	New Jersey
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SCOLOPENDRIUM.

Scolopendrium vulgare.....	<i>Sm.</i>	New York
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TAENITES.

Tænites lanceolata.....	<i>R. Br.</i>	Florida
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TRICHOMANES.

Trichomanes petersii.....	<i>Gray.</i>	Alabama
“ radicans.....	<i>Swtz.</i>	Alabama

VITTARIA.

Vittaria lineata	<i>Sm.</i>	Florida
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WOODWARDIA.

Woodwardia angustifolia.....	<i>Sm.</i>	New Jersey
“ radicans, var. americana..	<i>Sm.</i>	California
“ virginica.....	<i>Sm.</i>	Indiana

WOODSIA.

Woodsia glabella.....	<i>R. Br.</i>	Vermont
“ hyperborea.....	<i>R. Br.</i>.....	.....
“ ilvensis.....	<i>R. Br.</i>	Massachusetts
“ mexicana.....	<i>Fee.</i>	Arizona
“ obtusa.....	<i>Torr.</i>	Virginia; Illinois; “
“ oregana.....	<i>Eaton.</i>.....	.....
“ scopulina.....	<i>Eaton.</i>	Colorado

ADDENDA.

- Cheilanthes Pringlei, *Davenp.*; Bull. Torr. Bot. Club, vol. x, p. 61, t. 34; Arizona.
- Cheilanthes viscida, *Davenp.*; Bull. Torr. Bot. Club, vol. vi, p. 192.; California.
- Ophioglossum Californicum, *Prantl.*; Jahrb. Berl. Bot. Gard., vol. III, p. 315; California.
- Ophioglossum Engelmanni, *Prantl.*; Jahrb. Berl. Bot. Gard.; vol. III, p. 318; Southern United States.

