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James P. Smith Jr

Humboldt State University, james.smith@humboldt.edu

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OKLAHOMA VASCULAR PLANTS - A NUMERICAL CONSPECTUS

James P. Smith, Jr.
 Professor Emeritus of Botany
 Department of Biological Sciences
 Humboldt State University

21 June 2017

	Genera	Species	MRT*
LYCOPHYTES			
Isoëtaceae	1	2	2
Lycopodiaceae	1	2	2
Selaginellaceae	1	7	8
Subtotals	3	11	12
FERNS			
Aspleniaceae	1	7	7
Athyriaceae	1	1	1
Blechnaceae	1	1	1
Cystopteridaceae	1	6	6
Dennstaedtiaceae	1	1	2
Dryopteridaceae	2	3	3
Equisetaceae	1	4	4
Lygodiaceae	1	1	1
Marsileaceae	2	3	3
Onocleaceae	1	1	1
Ophioglossaceae	2	9	9
Osmundaceae	2	2	2
Polypodiaceae	1	1	1
Pteridaceae	6	19	19
Salviniaceae	2	4	4
Thelypteridaceae	2	3	3
Woodsiaceae	1	5	6
Subtotals	28	71	73

CONIFERS			
Cupressaceae	4	8	8
Ephedraceae	1	1	1
Pinaceae	1	7	8
Subtotals	6	16	17
ANGIOSPERMS			
Acanthaceae	4	9	9
Aceraceae	1	6	11
Acoraceae	1	1	1
Agavaceae	3	10	11
Aizoaceae	2	3	3
Alismataceae	3	14	14
Amaranthaceae	7	21	23
Anacardiaceae	4	11	17
Annonaceae	1	1	1
Apocynaceae	9	43	45
Aquifoliaceae	1	4	4
Araceae	2	3	4
Araliaceae	2	2	2
Aristolochiaceae	2	4	4
Balsaminaceae	1	2	2
Berberidaceae	3	3	3
Betulaceae	5	6	7
Bignoniaceae	4	5	5
Boraginaceae	11	25	29
Buddlejaceae	1	1	1

	Genera	Species	MRT
Burmanniaceae	1	1	1
Cabombaceae	1	2	2
Cactaceae	6	18	21
Callitrichaceae	1	4	4
Campanulaceae	3	13	15
Cannabaceae	2	3	3
Caprifoliaceae	3	14	15
Caryophyllaceae	17	38	39
Celastraceae	4	8	8
Celtidaceae	1	3	5
Ceratophyllaceae	1	2	2
Chenopodiaceae	10	31	34
Cistaceae	2	5	5
Cleomaceae	5	7	8
Commelinaceae	3	15	18
Compositae	127	382	430
Convolvulaceae	9	32	34
Cornaceae	1	5	5
Crassulaceae	2	4	4
Crossosomataceae	1	1	2
Cruciferae	32	74	81
Cucurbitaceae	9	9	9
Cyperaceae	14	218	225
Dioscoreaceae	1	4	4
Dipsacaceae	1	1	1
Droseraceae	1	1	1
Ebenaceae	1	1	1
Elaeagnaceae	1	4	4
Elatinaceae	2	4	4
Ericaceae	4	13	13
Eriocaulaceae	1	2	2
Euphorbiaceae	10	59	60
Fagaceae	3	37	40

Gentianaceae	6	13	13
Geraniaceae	2	8	8
Gramineae	88	356	380
Grossulariaceae	1	5	5
Haloragaceae	2	7	9
Hamamelidaceae	2	3	3
Hippocastanaceae	1	3	4
Hydrangeaceae	2	3	4
Hydrocharitaceae	6	9	9
Hydrocotylaceae	1	4	4
Hydroleaceae	1	2	2
Hydrophyllaceae	5	14	16
Hypericaceae	2	18	19
Iridaceae	5	16	16
Iteaceae	1	1	1
Juglandaceae	2	13	13
Juncaceae	2	28	28
Juncaginaceae	1	1	1
Krameriaceae	1	1	1
Labiatae	26	66	77
Lauraceae	2	2	2
Leguminosae	61	202	219
Lemnaceae	4	13	13
Lentibulariaceae	2	9	9
Liliaceae	25	46	51
Linaceae	1	11	11
Linderniaceae	1	2	2
Loasaceae	2	7	7
Loganiaceae	2	3	3
Lythraceae	6	10	11
Magnoliaceae	1	2	2
Malvaceae	10	24	25
Marantaceae	1	1	1
Martyniaceae	1	1	1

	Genera	Species	MRT
Melastomataceae	1	2	3
Meliaceae	1	1	1
Menispermaceae	3	3	3
Menyanthaceae	1	1	1
Molluginaceae	2	3	3
Moraceae	4	6	6
Myricaceae	1	1	1
Nelumbonaceae	1	1	1
Nyctaginaceae	5	12	12
Nymphaeaceae	2	3	4
Nyssaceae	1	1	1
Oleaceae	4	10	11
Onagraceae	6	45	50
Orchidaceae	18	33	33
Oxalidaceae	1	7	7
Palmae	1	1	1
Papaveraceae	6	13	15
Passifloraceae	1	2	2
Paulowniaceae	1	1	1
Penthoraceae	1	1	1
Phytolaccaceae	2	2	2
Plantaginaceae	1	11	11
Platanaceae	1	1	1
Plumbaginaceae	1	1	1
Podostemaceae	1	1	1
Polemoniaceae	4	15	19
Polygalaceae	2	9	9
Polygonaceae	6	46	48
Pontederiaceae	3	7	7
Portulacaceae	4	10	11
Potamogetonaceae	3	11	12
Primulaceae	6	13	16
Ranunculaceae	12	40	43

Rhamnaceae	5	6	6
Rosaceae	21	80	82
Rubiaceae	10	28	31
Ruppiaceae	1	2	2
Rutaceae	3	5	9
Salicaceae	2	14	17
Santalaceae	2	2	3
Sapindaceae	3	3	3
Sapotaceae	1	1	2
Saururaceae	2	2	2
Saxifragaceae	2	5	6
Scrophulariaceae	25	72	78
Simaroubaceae	1	1	1
Smilacaceae	1	10	10
Solanaceae	8	37	39
Sphenocleaceae	1	1	1
Staphyleaceae	1	1	1
Styracaceae	2	2	2
Symplocaceae	1	1	1
Tetrachondraceae	1	1	1
Tiliaceae	1	1	2
Typhaceae	2	7	7
Ulmaceae	2	8	8
Umbelliferae	37	57	61
Urticaceae	5	7	9
Valerianaceae	1	6	6
Verbenaceae	4	30	33
Violaceae	2	21	24
Vitaceae	5	15	15
Xyridaceae	1	3	3
Zygophyllaceae	2	2	2
Subtotals	882	2838	3067

* MRT = minimum rank taxa (varieties, subspecies)

NUMERICAL SUMMARY

Lycophytes

Families	Genera	Species	Taxa
3	3	11	12

Ferns

Families	Genera	Species	Taxa
17	28	71	73

Gymnosperms

Families	Genera	Species	Taxa
3	6	16	17

Flowering Plants

Families	Genera	Species	Taxa
151	882	2838	3067

Grand Totals

Families	Genera	Species	Taxa
174	919	2936	3169

Nativity and Growth Form

Major Categories	No.	%
Endemic annual	1	0.2
Endemic perennial	4	
Endemic tree	1	
Native annual	466	15.6
Native perennial	1501	50.4
Native annual-perennial	144	4.8
Naturalized annual-perennial	35	1.2
Naturalized annual	198	6.6
Naturalized perennial	129	4.3
Native perennial-subshrub	110	3.7
Naturalized perennial-subshrub	6	0.2
Native subshrub	35	1.2
Naturalized subshrub	4	0.1
Native shrub	92	3.1
Naturalized shrub	11	0.4
Native tree	100	3.4
Naturalized tree	16	0.5
Native vine	99	3.3
Naturalized vine	26	0.9
Endemic	6	0.2
Native	2745	92.2
Naturalized	227	7.6

This summary is based on a checklist of the vascular plant of Oklahoma that I compiled from various sources and which is available at this same website.