

P. S. I. No. 39900 as *Populus Przewalskii*, but that species has according to the description elliptic leaves acute at base and only 3.5–5 cm. long and pubescent capsules becoming glabrate. In the cultivated plant of *P. Purdomii* the smaller leaves and those at the base of the shoots are slightly pilose beneath, those of the more vigorous shoots are nearly glabrous; on the upper surface they are dull green and rugulose and the midrib above and the petioles are red.

***Populus koreana*, sp. nov.**

Arbor ad 25 m. alta; ramuli initio viscido-glandulosi, teretes, annotini pallide brunnei; stipulae triangulares, acuminulatae, 5–6 mm. longae et 3–4 latae; folia turionum elliptico-ovata vel elliptica ad ovato-oblonga, 7–15 cm. longa et 4.5–8.5 cm. lata, interdum majora, breviter acuminata, acumine rarissime torto, basi pleraque rotundata rarius subcordata, ea ramulorum brevium elliptica-oblonga vel oblongo-lanceolata, 4–12 cm. longa et 1.8–3.5 cm. lata, rarius majora, acuta vel acutiuscula, basin versus angustata et late cuneata vel rotundata, crenato-serrulata dentibus glanduloso-mucronulatis, supra rugulosa vel rugosa, glabra vel initio ad costam mediam puberula intense viridia, subtus albescentia, glabra vel interdum in foliis ramulorum brevium ad costam et venas ut petiolus minute pilosula; petioli 0.5–1 cm. longi, glabri, in ramulis brevibus ad 1.5 cm. longi et interdum minute pilosuli. Flores et fructus non visi.

KOREA. North Heian; foot of Mt. Hakuba, side of streams, *E. H. Ison*, *Wi* No. 8822 (type) July 24, 1917; Pakadong, Yusan district, *E. H. Wilson*, No. 10669, September 1, 1918; from around Shingishu on Yalu River, cultivated at forestry station, *E. H. Wilson*, No. 8787, July 16, 1917. North Kankyo: Funei, side of streams, abundant, *E. H. Wilson*, No. 8890, August 14, 1917; Mozan to Jyosohya, water-courses, not common *E. H. Wilson*, No. 8935, August 17, 1917.

Cultivated: Arnold Arboretum, under No. 10825; specimens collected: October 28, 1920, September 20, 1921.

Though the flowers and fruits of this new Poplar are unknown it is so distinct in its vegetative characters that there can be no doubt, that it represents an undescribed form. It is apparently most nearly related to *P. Maximowiczii* Henry and I was at first inclined to consider it a variety of that species, but Mr. Wilson who paid special attention to the Poplars while in Korea says that it is quite different from *P. Maximowiczii* and always easily distinguished chiefly by its viscid-glandular young shoots. and that it is a smaller tree of different habit and of more southern distribution. From this new species *P. Maximowiczii* differs chiefly in its puberulous young branchlets, glabrous but not viscid-glandular only in younger seedling plants, in the broader leaves more or less pubescent beneath, rounded or subcordate at base and nearly always with a peculiar twist at the apex, in the generally longer puberulous petioles and in the brighter yellow or orange-yellow color of the mature branchlets. The third Korean species, *P. Simonii* Carrière, produces sometimes on vigorous shoots larger leaves which resemble those of the other two species, but it

is always easily distinguished by the glabrous angular shoots and the perfectly plane and smooth upper surface of the leaves.

Young plants of *P. koreana* raised from cuttings brought by Mr. Wilson from Korea, are growing in this Arboretum and are very handsome with their large bright green leaves marked with a conspicuous red midrib and nearly white on the under side.

BIBLIOGRAPHICAL NOTES

ETHELYN M. TUCKER

Nouveau Duhamel. Upon the publication of my note on "Nouveau Duhamel" in this *Journal* vol. ii, no. 3, I received a letter from Miss Alice Atwood of the Bibliographical staff of the Department of Agriculture at Washington, calling attention to references which had escaped my notice, which seem to prove that the work appeared in 83 livraisons instead of in 80 as stated by me, and that volume i was published from 1800 to 1801. To quote in part from this letter: "An article by Bouchard-Huzard 'Note bibliographique sur le Traité des arbres et arbustes et sur le Traité des arbres fruitiers, par Duhamel du Monceau' in the *Journal de la Société impériale et centrale d'horticulture de France*, v. 12, 1866, states on pages 472-473 that the work appeared in 83 livraisons (1800-1819). Konig and Sims' *Annals of botany*, vol. i. no. 1, p. 69 in the 'Retrospect of botanical literature for 1801-03' speaks of the new edition of Duhamel's Traité, begun in 1800." From these references and others since discovered it seems clear the "Nouveau Duhamel" was issued in 83 livraisons from 1800 to 1819. I gladly take the opportunity to make this correction.

Mouillefert. Traité des arbres & arbrisseaux. From a bibliographical point of view it is always of interest to know the form in which a work originally appeared; if in parts, coming out at more or less irregular intervals during a number of years, when those parts were issued, how many pages they contained, whether there were covers, and whether those covers gave dates, which unfortunately they often do not. In the case of botanical works it is of great importance as involving questions of priority, and it is quite deplorable that in the majority of cases when such volumes are bound the covers are destroyed and valuable information lost altogether or recovered at the expenditure of much painstaking labor and time. Mouillefert's "Traité des arbres & arbrisseaux forestiers, industriels et d'ornement cultivés ou exploités en Europe et plus particulièrement en France donnant la description et l'utilisation de plus de 2400 espèces et 2000 variétés," issued in 38 parts, is bound in 3 vols., without covers. Texte, partie 1 (Rénunculacées à Légumineuses) 688 pp.; partie ii (Térébinthacées à Graminées) pp. 689-1403; and Atlas, 195 plates. Paris. 1892-

1898. It would be interesting to learn whether there were covers as originally issued, and if so, whether those covers were dated. Singularly enough Just's *Botanischer Jahresbericht* makes no mention of Mouillefert's "Traité" until the announcement of the complete work in 1898.

While not containing new species the "Traité" is interesting as giving many new varieties and it is gratifying to be able to quote dates and pages of parts as given in a letter written to Mr. Alfred Rehder by the publisher Paul Klincksiek, August 19, 1903, in response to a request for them for the Arboretum copy

Part	1	signatures	1-2	Jan. 7, 1891
"	2	"	3-4	Jan. 28, 1891
"	3	"	5-6	Mar. 7, 1891
"	4	"	7-8	Mar. 31, 1891
"	5	"	9-10	July 15, 1891
"	6	"	11-12	July 15, 1891
"	7	"	13-14	July 15, 1891
"	8	"	15-16	July 30, 1891
"	9	"	17-18	Nov. 24, 1891
"	10	"	19-20	Nov. 24, 1891
"	11	"	21-22	Jan. 12, 1892
"	12	"	23-24	Mar. 5, 1892
"	13	"	25-26	April 23, 1892
"	14	"	27-28	July 8, 1892
"	15	"	29-30	Nov. 19, 1892
"	16	"	31-32	May 16, 1893
"	17	"	33-34	Aug. 18, 1893
"	18	"	35-36	Oct. 7, 1893
"	19	"	37-38	Mar. 13, 1894
"	20	"	39-40	Mar. 13, 1894
"	21	"	41-42	June 11, 1894
"	22	"	43-44	Oct. 2, 1894
"	23	"	45-46	Jan. 7, 1895
"	24	"	47-48	April 23, 1895
"	25	"	49-50	Aug. 12, 1895
"	26	"	51-52	Aug. 12, 1895
"	27	"	53-54	Dec. 28, 1895
"	28	"	55-56	Feb. 20, 1896
"	29	"	57-58	July 7, 1896
"	30	"	59-60	Sept. 18, 1896
"	31	"	61-62	Dec. 3, 1896
"	32	"	63-65	Feb. 20, 1897
"	33	"	66-69	Aug. 4, 1897
"	34	"	70-73	Nov. 6, 1897
"	35	"	74-77	Jan. 10, 1898
"	36	"	78-81	Mar. 2, 1898

Part 37	signatures	82-85	June 8, 1898
" 38	"	86-88	Oct. 5, 1898 (containing title and indexes for text and plates).

From this citation it appears that nearly one half of vol. i (pages 1-320) was issued in 1891, a year earlier than the date upon the title page.

Voss. Vilmorin's blumengärtnerei. The full title of this well-known work reads: "Vilmorin's Blumengärtnerei; beschreibung, kultur und verwendung des gesamten pflanzenmaterials für deutsche gärten. Dritte, neubearbeitete auflage unter mitwirkung von A. Siebert, herausgegeben von A. Voss. Mit 1272 textabbildungen und 400 bunten blumenbildern auf 100 farbendrucktafeln." 2 bde. Berlin. 1896. Bd. 1, pp. viii, 1264; bd. 2, pp. 244, 78.

Though published as a third edition to "Vilmorin's Illustrierte blumengärtnerei," it may be regarded as an entirely new work, having little in common with the first and second editions except the title. The preface in bd. 1 states that the task of editing a new edition of Vilmorin's celebrated "Blumengärtnerei," of which two editions of many thousands of copies have been distributed among gardeners and plant lovers, is an extraordinarily difficult one, the more so as the publisher, Dr. Parey, wishes to present more than a revision and a supplement. Instead of the original alphabetical arrangement of botanical names he proposes an arrangement by families and genera and an enlargement from the entire plant material in German gardens. In order to do this the editor, A. Voss, spent many months in practical study in the Frankfurt Palm-garden, in Stuttgart, Berlin, etc., and after six years labor the work is brought to a close. In regard to nomenclature the work is much more thorough and exact than most works on the botany of cultivated plants; the author, as a follower of O. Kuntze, has tried to apply consistently the law of priority and therefore found it necessary to create a considerable number of new names and new combinations, chiefly of varieties. To fix the date of publication of these new names the statement is made in the preface that bd. 1 was "im druck von neujahr 1894 bis August 1895." To make the date of the appearance of the first part more specific, we find in *Gartenflora* for April 1894, p. 223, that the first heft of the work which has been in preparation for many years has at last appeared, and that the entire work in 2 vols. will be issued in 50 lieferungen. *Gartenflora* also adds that of the original work little remains, but the name and many "clichés." While the original contained only plants growing in the open air, the new work includes exotic and hot house plants. *Botanische zeitung* for June 1, 1894, on page 176, states that lieferung 1 consists of 48 pages.

On the reverse of the title-page of bd. 1 of the Arboretum copy is written in pencil, "Published in 50 parts, one every two weeks. Pages 1-832 published in 1894; pp. 833-1264 in 1895." Though diligent search has failed to reveal the source of this information it is believed to be

correct as it was added by Mr. Alfred Rehder in compiling the Bradley Bibliography, and it is more than likely that it was obtained from the editor himself.

The dates of band 2 of "Blumengärtnerei" concern us but little since it contains no new names and no descriptions, but it is interesting to find in *Botanische zeitung* for Dec. 16, 1895, on page 391 the announcement of pages 1-128; it was doubtless completed in 1896 the date of the preface and the title-pages.

Willmott. The Genus Rosa. Recognized in every age and in all countries as the Queen of flowers, the rose has been the subject of much literature. Among the many books of roses of recent years Miss Ellen Willmott's "Genus Rosa, drawings by Alfred Parsons," stands out pre-eminently, by virtue of its comprehensiveness, the accuracy of descriptions and the delicacy and beauty of its colored plates. In her preface Miss Willmott says "I have aimed principally at giving all the evidence I could collect from every available source. I can hardly hope to have presented many facts not mentioned by previous writers, but I have at least taken great pains to ensure accuracy, and to verify and give references for every statement I have made." To this carefully collected evidence are added not a few descriptions of new species, especially of Chinese roses by J. G. Baker.

The covers of the twenty-five parts in which the work was issued from 1910 to 1914, are a joy and delight alike to the cataloguer, bibliographer and to the student of roses, giving the year in which each part was published (pts. vii-xxv have also month and day), and on the back cover of the last part a concise list of all the parts with month and day of the appearance of each.

Perhaps in some libraries "The Genus Rosa" may exist only as two bound volumes, paged continuously, without covers, the title-page of each bearing the date 1914, and the only indication of an earlier date being an additional title-page for 1910 in volume i, which by itself is a little confusing.

It seems therefore worth while to put full information on record, in the hope that it may help some lover of Roses.

Vol. i

Pt.	1	pp.	i-viii, 1-22	September 15, 1910
"	2	"	23-42	October 19, "
"	3	"	43-56, i-xxvi	November 14, "
"	4	"	57-76	December 14, "
"	5	"	77-100	January 14, 1911
"	6	"	101-132	February 14, "
"	7	"	133-156	March 14, "
"	8	"	157-174	April 12, "
"	9	"	175-196	May 12, "



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