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THE CONTRIBUTIONS OF J. E. GILIBERT TO THE STUDIES OF LITHUANIAN FLORA

A French botanist, physician, and politician Jean Emmanuel Gilibert (1741–1814) spent a part of his life in the Polish-Lithuanian Commonwealth. Between 1775 and 1781, Gilibert worked in Grodno, where he founded the School of Medicine, modernizing medicine and nature studies, and setting up a botanical garden. In 1781 he moved to Vilnius, founded the Chair of *Historia Naturalis*, set up a botanical garden, and organized teaching of the natural sciences at Vilnius University. In 1783 Gilibert left Vilnius and returned to Lyon, where he practiced medicine and participated in French political world. His biography and scientific activities were examined in considerable details by Witold Sławiński¹, Piotr Daszkiewicz², Wanda Grębecka³, J. E. Gilibert's contemporary Stanisław Jundziłł⁴, Jakub Mowszowicz⁵, Marija Natkevičaitė⁶; J.E. Gilibert himself also gave a lot of biographical information in the Introduction of the first volume of his book *Exercitia Phytologica*.⁷

During the years spent in the Polish-Lithuanian Commonwealth, Gilibert collected local plants from the surroundings of Białystok, Brasta, Merkine, Navahradak, Nesvizh, Vilnius, Vokė, Trakai, and Warsaw. Since 1781 till the end of his life he released approximately 16 publications dealing with nature of the Grand Duchy of Lithuania. Majority of these publications included information about plants. At present we possess two types of J.E. Gilibert's contributions to the studies of Lithuanian flora – his herbarium and his publications. Both of them have botanical and historical value.

SHORT NOTES ABOUT J.E. GILIBERT'S HERBARIUM

J.E. Gilibert collected herbarium between 1775 and 1783, during his stay in Grodno and Vilnius. In 1893, Polish scientist Józef Paczoski noted "Hortus Grodnensis"

containing specimens from Grodno Botanical Gardens, and “Herbarium Grodnense” or “Herbarium Gilibertii” containing wild plants from the area around Grodno and Vilnius. When Gilibert left Lithuania, he sent part of his herbarium to France and left a part of it in Vilnius.⁸ The part sent to France reached Lyon in 1790. The location of this part of J.E. Gilibert’s herbarium is unclear. W. Sławiński⁹ noted that some specimens were at the University of Lyon. L.J. Dorr and D.H. Nicolson in *Taxonomic literature...*¹⁰ noted Magnin’s statements that part of J.E. Gilibert’s herbarium had been given to French botanist Alexis Jordan who worked at the Botanical Garden in Lyon. Currently the University Claude Bernard Lyon 1 possesses A. Jordan’s Herbarium. His collection contains 400,000 specimens, and names of collectors are not registered thus the staff of the Herbarium can not explain if the collection contains J.E. Gilibert’s plant specimens.

The part of the herbarium left by J.E. Gilibert in Vilnius was moved to the University of St Vladimir in Kiev, when political circumstances resulted in the closure of the Academy of Medicine and Surgery in 1842. Vilnius University does not have records of J.E. Gilibert’s herbarium¹¹. The National Herbarium of Ukraine (Herbarium KW) has Gilibert’s herbarium in two parts: the “Herbarium Linneanum” and the “Floristic herbarium”.¹² The latter consists of plants collected in the botanical gardens of Grodno and Vilnius as well as indigenous flora. Herbarium of the Polish Academy of Sciences possesses 29 records from J.E. Gilibert’s herbarium.¹³

NOTES ABOUT J.E. GILIBERT’S PUBLICATIONS DEALING WITH NATURE OF GRAND DUCHY OF LITHUANIA

Two works *Flora Litvanica inchoata* (volume 1, 2 and 2 supplements) (1781–1782)¹⁴, and *Exercitium botanicum in scola principe Universitatis Vilnensis peractum* (1782)¹⁵ were published by J.E. Gilibert during his stay in Grodno and Vilnius.

Flora Litvanica inchoata seu enumeratio plantarumm quas circa Grodnam collegit et determinavit Joannes, Emmanuel, Gilibert. Colectio prima-quinta. Grodnae–Vilnae,¹⁶ is considered the first scientific compendium about plants from the Grand Duchy of Lithuania, which included parts of the modern states of Lithuania, Belarus and Poland. The compendium consists of two volumes (one separate book for each), which include five parts (titled collection, a collection) with plants. The first volume includes the first, second and third collections with supplements to the first and second collections and was published in 1781 in Grodno. This volume has a complex structure. All the introductory sections occupy a rather considerable space. It starts with a dedication to the King and Grand Duke of the Polish-Lithuanian Commonwealth Stanisław August II and continues with discussion on some moments during the workflow – indications on plant collecting time, experiments with binary nomenclature of Linnaeus, compilation of plant names, etc. The first collection is titled *Corollae Unipetalae. Collectio Prima...*

it goes through pages 1–66, *Collectio II Flores simplices*,... goes through pages 70–140. The *Collectio III Corollae unipetales floribus compositis* goes through pages 165–243. At all three collections list 329 species of plants with marked localities and flowering times. A supplement to the *Collectio I* lists 61 species of plants with information on their practical uses in medicine and common life and takes 53 pages. A supplement to the *Collectio II* lists 31 samples of plants and goes through 10 pages.

The second volume contains material from the fourth and fifth collections and was published in 1782 in Vilnius. It begins at *Collectio IV Umbelliferae Cruciformis Papilionaceae* – a catalogue of 143 species of plants with localities, flowering times and, for some, practical uses in medicine and common life and goes through pages 1–117. Without any special introductions, the fourth collection is followed by the fifth part – *Collectio V* – a catalogue of 211 plants with localities, flowering times and, for some, practical uses in medicine and common life, which takes pages 121–294. The second volume comes to a close with the *Post scriptum*, where J.E. Gilibert regretted the errors that may have appeared in the compendium and revealed plans to continue publishing the *Flora Lithuanica*.

*Exercitium botanicum, in schola principe Universitatis vlnensis peractum die 15 mensis Julii, anno 1782: seu enumeratio methodica plantarum tam indigenarum quam exoticarum, quas proprio Marte determinaverunt Alumni in campis Vlnensibus, aut in horto Botanico Universitatis, quasque juxta leges artis demonstrarunt*¹⁷ was published in 1782. It is a compendium of plants from Vilnius surroundings. The work is published under the title *Opuscula Phytologica – Zoologica Prima*. It contains *Introduction (Monita)* (pages 5–8), *Principles of compilation (Principia artis)* (pages 9–13) and list of 1087 plants classified to 17 classes.

In 1783 Gilibert left Vilnius and returned to Lyon, but over the next decades he continued botanical work for the Grand Duchy of Lithuania. Between 1785 and 1787 he published seven volumes, *Caroli Linnaei ... Systema plantarum Europae: exhibens characteres naturales generum, characteres essentielles generum & specierum, synonyma antiquorum, phrases specificas recentiorum Halleri, Scopoli, &c., descriptiones rariorum, nec-non floras tres novas, Lugdunaeam, Delphinalem, Lithuanicam, non omissis plantis exoticis in hortis Europae vulgo obviis. / Curante Joan. Emman. Gilibert ...*¹⁸ The first volume of this book includes section *Flora Lithuanica inchoata* beginning on page xcii with parts: *Ratio operis* (pages 5–12); *Chloris Grodnensis* (pages 13–44); *Plantae cultae* (pages 44–47) and section *Plantae rariores et communes Lithuaniae* (pages 1–86), list of 382 common and rare plants from Vilnius, Grodno and Navahrudak.

In 1792 the latter work was followed by two volume compendium *Joannis Emmanuel Gilibert, ... Exercitia phytologica, quibus omnes plantae Europae, quas vivas invenit in variis herbationibus, seu in Lithuania, Gallia, Alpibus, analysi nova proponuntur, ex typo naturae describuntur*¹⁹ which consists of two volumes all published in 1792. The first volume²⁰ has a preface part: *Introduction (Introductio)* (pages iv–lxxj) with details

of J.E. Gilibert's biography; section *Index nominum* (pages lxxii-lxxij); section *Index rerum* (pages lxxij-lxxx) and two parts for which J.E. Gilibert used the term *serie*, a series. Series I goes through pages 1–194 and Series II – pages 195–388. Each part is divided into smaller sections for which J.E. Gilibert used the term *collectio*, a collection. Serie I has three collections and includes 334 plants with complete morphological descriptions, the time of plants flowering and information on the rarity and frequency of plant growth in surroundings of Grodno, Vilnius or in other territories of the Grand Duchy of Lithuania and Lyon. Series II includes five collections with 408 plants listed. The second volume²¹ has two parts (Series III and Series IV). Series III *Incompletæ* (pages 393–552) is divided into three collections and includes 246 plants with descriptions. Series IV (pages 552–655) *Cryptogamicæ, seu Nuptiis occultis* has four parts which include ferns, mosses, algae and fungi, altogether 274 units.

Exercitia phytologica is a large work with a catalogue of 1208 species of plants, ferns, mosses, algae and fungi. In comparison with *Flora Litvanica*, *Exercitia Phytologica* presents list of plants with additional parts *Incompletæ* and *Cryptogamicæ*, and descriptions of plants are more detailed. The comparison of time of plants flowering and information on the rarity and frequency of plants growing in surroundings of Grodno, Vilnius or in other territories of Grand Duchy of Lithuania and Lyon are given. Publication is illustrated with drawings.

Introduction *Introduction du second volume* (pages j-xvj) of the second volume *Histoire des plantes d'Europe*²² (1798) deals with nature, climate, and geographical location of the cities of the Grand Duchy of Lithuania, also gives information about Vilnius University, departments and, observatory. Part *Observations botaniques et méthode analytique aux plantes de Lithuanie* (pages 187–400) is a guide for plants in the Grand Duchy of Lithuania.

In the second edition of the third volume of *Histoire des plantes d'Europe*²³ (1806) J.E. Gilibert included two parts with information about Lithuania. Part titled *Tableau de l'économie rurale en Lithuanie* (pages xvijj–xxxj) deals with mode of life of Lithuanian farmer. From this paper we could learn what kinds of vegetables were cultivated in Lithuania in the end of the eighteenth century, i.e. beets, several kinds of potatoes, garlic, onions, peas as well as herbs such as anise and coriander. Part titled *Méthode analytique, appliquée aux plantes de Lithuanie* includes Introduction with topographical information (pages 283–291) and similar guide for plants in the Grand Duchy of Lithuania as in the second volume of the 1798 year edition (pages 291–372).

*Le Calendrier de flore pour l'année 1778 autour de Grodno et pour l'année 1808, autour de Lyon*²⁴ (1809) is a publication which deals with plants and their flowering time in Vilnius and Grodno surroundings.

Third edition of the third volume of La Tourette *Démonstrations élémentaires de botanique*, (1787 – M.DCC.LXXXVII) includes a lot of Lithuanian plant specimens. Fourth edition of the first volume of La Tourette *Démonstrations élémentaires de bota-*

nique (1796 - M.DCC.XCVI) includes section “Sur les forêts de Lithuanie”²⁵ (pages xl–xlvj) where J.E. Gilibert describes forests in Lithuania. He mentions dominant trees, plants and animals and considers forest as an object with an economic value. P. Daszkiewicz notes that in this publication J.E. Gilibert demonstrates great understanding of the role of the forest to the improvement of human life.²⁶

Parts titled *Flora Lithuanica inchoata* (pages 246–298) and *Plantae rariores et communes Lithuaniae* (pages 299–430) in P. Usteri *Delectus Opusculorum Botanicorum* were published in 1793.²⁷

FLORAS

Among all J.E. Gilibert’s publications: *Flora Litvanica inchoata*; *Exercitium botanicum, in schola principe universitatis Vilnensis...*; parts named *Flora Lithuanica inchoata* and *Plantae rariores et communes Lithuaniae* in *Caroli Linnaei ... Systema plantarum Europae...* as well as identical parts in *Delectus Opusculorum Botanicorum*, and *Exercitia phytologica* are treated as *Flora*’s. In these publications about 1200 plants from the territory of Grand Duchy of Lithuania are presented. In 1945, Swedish scientist Nils Hylander published a paper with the proposition to reject all scientific names of plants in J.E. Gilibert’s *Flora Lithuanica inchoata..* and *Exercitia phytologica...* because Linnaeus system of binary nomenclature had not been consistently used in these works. In 1949 Roger McVought revised J.E. Gilibert’s *Floras* and found that, among approximately 1200 species treated by Gilibert in these publications, about 850 names were proposed by himself and only 85–90 of them could be theoretically accepted as validly published.²⁸ Currently all J.E. Gilibert’s *Floras* are listed in Appendix VI *Operae utique oppressae* of the International Code of Nomenclature for algae, fungi, and plants (formerly the International Code of Botanical Nomenclature; McNeill 2006). Names appearing in these works are not to be accepted as validly published. If almost all plant names proposed by J.E. Gilibert could not be accepted, the question rises how much is his work significant for contemporary research of Lithuanian flora. For this reason I have studied J.E. Gilibert’s citation in compendium *Lietuvos TSR Flora*²⁹, published in six volumes in 1959–1980 which is the largest compendium for plants of Lithuania until now. In *Lietuvos TSR Flora* names of plant species are always followed by synonym and citation of the all-important literary sources which had described the species earlier.

J.E. GILIBERT’S CITATION IN LIETUVOS TSR FLORA (see Appendix)

Through all six volumes of the *Lietuvos TSR Flora* J.E. Gilibert’s publications: *Flora Litvanica inchoata* and *Exercitia Phytologica* are cited many times. *Delectus Opusculorum Botanicorum* by Paulus Usteri is cited once and *Caroli Linnaei ... Sys-*

tema plantarum Europae – few times. In *Lietuvos TSR Flora* volume I, which includes *Pteridophyta* and *Gymnospermae*, J.E. Gilibert is cited only once. In volume II, which includes Monocotyledon plants from 18 families and 135 genera J.E. Gilibert is cited 55 times. In volume III, which includes Dicotyledon plants from 27 families and 143 genera he is cited 79 times. In volume IV, which includes Dicotyledon plants from 39 families and 155 genera, among them such numerous families as *Rosaceae* and *Leguminosae*, J.E. Gilibert is cited 104 times. In volume V, which includes Dicotyledon plants from 32 families and 188 genera, among them from such large families as *Labiatae* and *Scropulariaceae*, J.E. Gilibert is cited 133 times, and in volume VI, which includes Dicotyledon plants from 3 families and 77 genera, he is cited 72 times.

Among plants, which include J.E. Gilibert's citation, are rare plants such as *Tritetum flavescens* (L.) P. B., *Eleocharis ovata* (Roth.) R. Br., *Iris sibirica* L., *Dianthus armeria* L., *Batrachium trichophyllum* (Chaix) v.d. Bossche, *Cardamine hirsuta* L., *Trifolium fragiferum* L., *Vicia pisiformis* L., *Vicia dumetorum* L., *Geranium columbinum* L., *Geranium dissectum* L., *Radiola linoides* Roth., *Euphorbia peplus* L., *Malva sylvestris* L., *Circaea lutetiana* L., *Eryngium planum* L., *Stachys annua* L., *Prunella grandiflora* (L.) Scholler, *Aster tripolium* L., *Inula helenium* L., *Pulicaria vulgaris* Gaertn., *Centaurea phrygia* L., *Onopordum acanthium* L., and many others.

Very rare plants such as: *Trichophorum caespitosum* (L.) Hartm., *Chenopodium murale* L., *Isopyrum thalictroides* L., *Medicago sativa* L., *Peplis portula* L., *Viola erecta* Gilib., *Epilobium obscurum* (Schreb.) Schreb., *Chaerophyllum bulbosum* L., *Falcaria vulgaris* Bernh., *Seseli annuum* L., *Gentiana pneumonanthe* L., *Cruciata glabra* (L.) Ehrend, *Teucrium scordium* L., *Melittis melissophyllum* L., *Gratiola officinalis* L., *Antirrhinum orontium* L., *Samolus valerandi* L., *Veronica triphyllos* L., *Chrysanthemum segetum* L., *Arnica montana* L., *Cirsium erisithales* (Jacq.), *Sonchus palustris* L., *Lactuca serriola* L. are also indicated by J. E. Gilibert's citation.

Species *Zannichellia palustris* L., *Setaria verticillata* (L.) P. Beauv., *Pulsatilla vernalis* (L.) Mill., *Euphorbia palustris* L., *Bupleurum rotundifolium* L. are included into *Lietuvos TSR Flora* exclusively on the basis of J.E. Gilibert's data; there was no information about their growth in Lithuania at the moment when *Lietuvos TSR Flora* was published.

Four names of plants proposed by J.E. Gilibert i.e. *Fagopyrum sagittatum* Gilib. Exerc. phytol. II (1792) in *Lietuvos TSR Flora* volume III; *Viola erecta* Gilib. Fl. Litv. V (1782) Exerc. phytol. (1792) in volume IV (very rare plant, found only in Vilnius surroundings); *Leonurus quinquelobatus* Gilib. P.Usteri (ed.), Delect. Opusc. Bot. II (1793) in *Lietuvos TSR Flora* volume V; and *Coronopus procumbens* Gilib. Fl. Litv. IV (1782) in volume III are cited as the main plant names. Currently, all these species are included in the *International Plant Names Index*. Another database – *The Plant List* – a working list of all known plant species, which has been created in collaboration between the Royal Botanic Garden, Kew and Missouri Botanical Garden, treats *Fagopyrum sa-*

gittatum Gilib. as synonym of *Fagopyrum esculentum* Moench.; status of *Viola erecta* Gilib. is unresolved (data 26 March, 2012); that means that the included data sources provided no evidence or view as to whether the name should be treated as accepted or not, or there were conflicting opinions that could not be readily resolved. Status of *Leonurus quinquelobatus* Gilib. is accepted (data 23 March, 2012) and have synonym *Leonurus quinquelobatus* var. *caucasicus* Krestovsk. *Coronopus procumbens* Gilib. is a synonym of *Lepidium coronopus* (L.) Al-Shehbaz. Part of J.E. Gilibert's plant names cited in *Lietuvos TSR Flora* are similar to binominals proposed by Linneaus and part are different – proposed by Gilibert himself.

The vast majority of J.E. Gilibert's plant names are cited as additional and secondary literature sources in *Lietuvos TSR Flora*. However he is cited approximately 444 times and this fact indicates that his contribution to the research of the flora of Lithuania is important not only in historical, but also in the botanical context.

APPENDIX

List of plant names with J.E. Gilibert citation in *Lietuvos TSR Flora*. Specimens are listed under their main name in *Lietuvos TSR Flora* and complemented with J.E. Gilibert's suggested plant name as the secondary literary source.

Citation in Lietuvos TSR Flora volume I, which includes Pteridophyta and Gymnospermae

Genus *Abies* Hill Brit. Herb. (1756)

A. alba Miller Gard. Dict. ed. 8 (1786) – *A. minor* Gilib. Exerc. phytol.³⁰ II (1792)

Citation in volume II, which includes Monocotyledon plants from 18 families and 135 genera.

Genus *Potamogeton* L. Sp. pl. (1753)

P. natans L. Sp. pl. (1753) = Gilib. Fl. Litv.³¹ I (1781)

P. heterophyllus Schreb. Spicil. Fl. Lips (1771) = *P. gramineus* Gilib. Fl. Litv. I (1781)

Genus *Zannichellia* L. Gen. pl. (1737)

Z. palustris L. Sp. pl. (1753) = Gilib. Fl. Litv. I (1781)

Genus *Scheuchzeria* L. Gen. pl. (1737)

S. palustris L. Sp. pl. (1753) = *S. paniculata* Gilib. Exerc. phytol. II (1792)

Genus *Setaria* P. B. Agrost. (1812)

S. verticillata (L.) P. B. Agrost. (1812) = *Panicum verticillatum* Gilib. Exerc. phytol. II (1792)

Genus *Typhoides* Moench, Meth. (1794)

T. arundinacea (L.) Moench, Meth. (1794) = *Phalaris arundinacea* Gilib. Exerc. phytol. II (1792)

Genus *Anthoxanthum* L. Sp. pl. (1753)

Aodoratum L. Sp. pl. (1753) = Gilib. Exerc. phytol. II (1792)

Genus *Hierochloe* R. Br. Prodr. Fl. Nov. Holl. (1810)

H. odorata (L.) Wahlenb. Fl. Ups. (1820) = *Holcus doratus* Gilib. Exerc. phytol. II (1792)

Genus *Milium* L. Sp. pl. (1753)

- M. effusum* L. Sp. pl. (1753) = Gilib. Exerc. phytol. II (1792)
Genus *Phleum* L. Sp. pl. (1753)
P. pratense L. Sp. pl. (1753) = *P. ciliatum* Gilib. Exerc. phytol. II (1792)
Genus *Alopecurus* L. Sp. pl. (1753)
A. geniculatus L. Sp. pl. (1753) = Gilib. Exerc. phytol. II (1792)
Genus *Agrostis* L. Sp. pl. (1753)
A. stolonifera L. Sp. pl. (1753) = Gilib. Exerc. phytol. II (1792)
Genus *Trisetum* Pers. Syn. I (1805)
T. flavescens (L.) P. B. Agrost. (1812) = *Avena flavescens* Gilib. Exerc. phytol. II (1792)
Genus *Sesleria* Scop. Fl. Carn. Ed. 1 (1760)
S. caerulea (L.) Ard. Animadv. Bot. Spec. II (1763-64) = *Cynosurus coeruleus* Gilib. Exerc. phytol. II (1792)
Genus *Phragmites* Adans. Fam. pl. II (1763)
Phcommunis Trin. Fund. Agrost. (1820) = *Arundo vulnerans* Gilib. Exerc. phytol. II (1792)
Genus *Molinia* Schrank Baier. Fl. I (1789)
M. caerulea (L.) Moench Meth. (1794) = *Aira caerulea* Gilib. Exerc. phytol. II (1792)
Genus *Melica* L. Sp. pl. (1753)
M. nutans L. Sp. pl. (1753) = Gilib. Exerc. phytol. II (1792)
Genus *Briza* L. Sp. pl. (1753)
B. media L. Sp. pl. (1753) = *B. tremula* Gilib. Exerc. phytol. II (1792)
Genus *Dactylis* L. Sp. pl. (1753)
D. glomerata L. Sp. pl. (1753) = Gilib. Exerc. phytol. II (1792)
Genus *Cynosurus* L. Sp. pl. (1753)
C. cristatus L. Sp. pl. (1753) = Gilib. Exerc. phytol. II (1792)
Genus *Poa* L. Sp. pl. (1753)
P. annua L. Sp. pl. (1753) = *P. triangularis* Gilib. Exerc. phytol. II (1792)
P. palustris L. Syst. ed. 10 (1759) = *P. triflora* Gilib. Exerc. phytol. II (1792)
P. nemoralis L. Sp. pl. (1753) = *P. nutans* Gilib. Exerc. phytol. II (1792)
P. compressa L. Sp. pl. (1753) = Gilib. Exerc. phytol. II (1792)
Genus *Catabrosa* P. B. Agrost. (1812)
C. aquatica (L.) P. B. Agrost. (1812) = *Aira violacea* Gilib. Exerc. phytol. II (1792)
Genus *Glyceria* R. Br. Prodr. fl. Nov. Holl. (1810)
G. fluitans (L.) R. Br. Prodr. I (1810) = *Festuca fluitans* Gilib. Exerc. phytol. II (1792)
Genus *Festuca* L. Sp. pl. (1753)
F. rubra L. Sp. pl. (1753) = Gilib. Exerc. phytol. II (1792)
F. pratensis Huds. Fl. Angl. (1762) = *F. elatior* Gilib. Exerc. phytol. II (1792)
F. gigantea (L.) Vill. Hist. pl. Dauph. II (1787) = *Bromus giganteus* Gilib. Exerc. phytol. II (1792)
Genus *Bromus* L. Sp. pl. (1753)
B. secalinus L. Sp. pl. (1753) = *B. maximus* Gilib. Exerc. phytol. II (1792)
B. mollis L. Sp. pl. ed. 2 (1762) = Gilib. Exerc. phytol. II (1792)
Genus *Nardus* L. Sp. pl. (1753)
N. stricta L. Sp. pl. (1753) = Gilib. Exerc. phytol. II (1792)
Genus *Lolium* L. Sp. pl. (1753)
L. perenne L. Sp. pl. (1753) = Gilib. Exerc. phytol. II (1792)
Genus *Agropyron* Gaertn in Novi Comm. Petrop. XIV, 1 (1770)
A. repens (L.) P. B. Agrost. (1812) = *Triticum repens* Gilib. Exerc. phytol. II (1792)
Genus *Trichophorum* Prs. Syn. I (1805)
T. caespitosum (L.) Hartm. Handb. 5. Uppl. (1849) = *Scirpus luteus* Gilib. Exerc. phytol. II (1792)
Genus *Scirpus* L. Gen. pl. ed. 5 (1754)
S. sylvaticus L. Sp. pl. (1753) = *S. latifolius* Gilib. Exerc. phytol. II (1792)

- Genus *Schoenoplectus* Palla in Engl. Bot. Jahrb. X (1889)
Sch. lacustris (L.) Palla in Engl. Bot. Jahrb. X (1889) = *Scirpus altissimus* Gilib. Exerc. phytol. II (1792)
- Genus *Eleocharis* R. Br. Prodr. I (1810)
E. ovata (Roth) Roem. et Schult. Syst. II (1817) = *Scirpus capitatus* Gilib. Exerc. phytol. II (1792)
- G. Rhynchospora* Vahl. Enum. II (1806)
Rh. alba (L.) Vahl. Enum. II (1806) = *Mariscus albus* Gilib. Exerc. phytol. II (1792)
- Genus *Carex* L. Gen. pl. (1737)
C. arenaria L. Sp. pl. (1753) = *C. spadicea* Gilib. Exerc. phytol. II (1792)
C. vulpina L. Sp. pl. (1753) = *C. glomerata* Gilib. Exerc. phytol. II (1792)
C. leporina L. Sp. pl. (1753) = *C. mollis* Gilib. Exerc. phytol. II (1792)
C. gracilis Curt. Fl. Londin. IV (1777-87) = *C. striata* Gilib. Exerc. phytol. II (1792)
C. caespitosa L. Sp. pl. (1753) = *C. erecta* Gilib. Exerc. phytol. II (1792)
C. montana L. Sp. pl. (1753) = *C. pubescens* Gilib. Exerc. phytol. II (1792)
C. pseudocyperus L. Sp. pl. (1753) = *C. reversa* Gilib. Exerc. phytol. II (1792)
- Genus *Acorus* L. Gen. pl. (1737)
A. calamus L. Sp. pl. (1753) = Gilib. Exerc. phytol. II (1792) = *A. aromaticus* Gilib. Exerc. phytol. II (1792)
- Genus *Calla* L. Sp. pl. (1753)
C. palustris L. Sp. pl. (1753) = Gilib. in Linnaea Syst. pl. I (1758) = *Calla ovatifolia* Gilib. Exerc. phytol. II (1792)
- Genus *Juncus* L. Gen. pl. ed.1 (1737)
J. bufonius L. Sp. pl. (1753) = *J. divaricatus* Gilib. Exerc. phytol. II (1792)
- Genus *Luzula* DC. in Lam. et DC. Fl. fr. I (1805) et III (1805)
L. campestris (L.) Lam. et DC. Fl. fr. et III (1805) = *L. subpilosa* Gilib. Exerc. phytol. II (1792)
- Genus *Iris* L. Sp. pl. (1753)
I. sibirica L. Sp. pl. (1753) = *I. angustifolia* Gilib. Exerc. phytol. II (1792)
I. pseudacorus L. Sp. pl. (1753) = *I. lutea* Gilib. Exerc. phytol. II (1792)
- Genus *Orchis* L. Gen. pl. ed. (1754)
O. morio L. Sp. pl. (1753) = *O. crenulata* Gilib. Exerc. phytol. II (1792)

**Gilibert's citation in *Lietuvos TSR Flora* volume III,
 which includes Dicotyledon plants from 27 families and 143 genera.**

- Genus *Salix* L. Gen. pl. (1737)
S. lapponum L. Sp. pl. (1753) = *S. nitens* Gilib. Exerc. phytol. II (1792)
- Genus *Rumex* L. Gen. pl. (1737)
R. acetosella L. Sp. pl. (1753) = *Acetosa parva* Gilib. Exerc. phytol. II (1792)
- Genus *Polygonum* L. Gen. pl. ed.1 (1737)
P. persicaria L. Sp. pl. (1753) = *P. mitis* Gilib. Exerc. phytol. II (1792)
- Genus *Fagopyrum* Gaertn. Fruct. II (1791)
***F. sagittatum* Gilib. Exerc. phytol. II (1792)**
- Genus *Chenopodium* L. Gen. pl. ed. 5 (1754)
Ch. polyspermum L. Sp. pl. (1753) = *Ch. angustifolium* Gilib. Exerc. phytol. II (1792)
Ch. murale L. Sp. pl. (1753) = Gilib. Fl. Litv. (1781) = *Ch. lucidum* Gilib. Exerc. phytol. II (1792)
- Genus *Silene* L. Gen. pl. ed. 1 (1737)
S. cucubalus Wib. Prim. Fl. Werth. (1799) = *Cucubalus venosus* Gilib. Fl. Litv. II (1781)
- Genus *Gypsophila* L. Nov. pl. gen (1751) = Sp. Pl. (1753)

- G. muralis* L. Sp. pl. (1753) = *G. purpurea* Gilib. Fl. Litv. II (1781)
Genus *Dianthus* L. Sp. Pl. (1753)
D. armeria L. Sp. pl. (1753) = *D. villosus* Gilib. Fl. Litv. II (1781)
D. deltoides L. Sp. pl. (1759) = *D. crenatus* Gilib. Fl. Litv. II (1781)
Genus *Saponaria* L. Gen. pl. ed. 5 (1754)
S. officinalis L. Sp. pl. (1753) = *S. nervosa* Gilib. Fl. Litv. V (1782)
Genus *Caltha* L. Sp. pl. (1753)
C. palustris L. Sp. pl. (1753) = *C. glabra* Gilib. Fl. Litv. (1782)
Genus *Trollius* L. Sp. pl. (1753)
T. europaeus L. Sp. pl. (1753) = *T. globosus* Gilib. Fl. Litv. (1782)
Genus *Nigella* L. Sp. pl. (1753)
N. arvensis L. Sp. pl. ed. 2 (1762) = *N. tenuifolia* Gilib. Fl. Litv. (1782)
Genus *Isopyrum* L. Sp. pl. (1753)
I. thalictroides L. Sp. pl. (1753) = *I. thalictrifolium* Gilib. Fl. Litv. (1782)
Genus *Actaea* L. Sp. pl. (1753)
A. spicata L. Sp. pl. (1753) = *A. racemosa* Gilib. Fl. Litv. (1782)
Genus *Delphinium* L. Syst. pl. ed. 1 (1735)
D. consolida L. Sp. pl. (1753) = *D. monophyllum* Gilib. Fl. Litv. II (1781)
Genus *Anemone* L. Syst. pl. ed. 1 (1735)
A. ranunculoides L. Sp. pl. (1753) = *A. flava* Gilib. Fl. Litv. II (1781)
A. nemorosa L. Sp. pl. (1753) = *A. alba* Gilib. Fl. Litv. (1782)
A. silvestris L. Sp. pl. (1753) = *A. hirsuta* Gilib. Fl. Litv. II (1781)
Genus *Hepatica* Mill. Gard. Dict. Abridg. ed. 4 (1754)
H. nobilis Garsault, Fig. Pl. Anim. Med. (1764) = *H. triloba* Gilib. Fl. Litv. (1782)
Genus *Pulsatilla* Adans Fam. II (1763)
P. vulgaris Mill. Gard. Dict. ed. 8 (1768) = *P. recta* Gilib. Fl. Litv. (1782)
P. pratensis (L.) Mill. Gard. Dict. ed. 8 (1768) = *P. reflexa* Gilib. Fl. Litv. (1782)
P. vernalis (L.) Mill. Gard. Dict. ed. 8 (1768) = *Anemone alborosea* Gilib. Fl. Litv. II (1781)
Genus *Batrachium* S. F. Gray. Nat. Arr. Brit. Pl. (1821)
B. aquatile (L.) Dum. Prodr. F. Belg (1827) = *Ranunculus diversifolius* Gilib. Fl. Litv. (1782)
B. trichophyllum (Chaix) van den Bossche, Prodr. Fl. Bat (1850) = *Ranunculus foeniculaceus* Gilib. Fl. Litv. (1782)
Genus *Ranunculus* L. Syst. pl. ed. I (1735)
R. lingua L. Sp. pl. (1753) = Gilib. Fl. Litv. (1782)
R. flammula L. Sp. pl. (1753) = Gilib. Fl. Litv. (1782)
R. reptans L. Sp. pl. (1753) = Gilib. Fl. Litv. (1782)
R. auricomus L. Sp. pl. (1753) = *R. mitis* Gilib. Fl. Litv. (1782)
R. cassubicus L. Sp. pl. (1753) = *R. reniformis* Gilib. Fl. Litv. (1782)
R. sceleratus L. Sp. pl. (1753) = *R. digitatus* Gilib. Fl. Litv. (1782)
R. repens L. Sp. pl. (1753) = Gilib. Fl. Litv. (1782)
R. polyanthemus L. Sp. pl. (1753) = *R. multiflorus* Gilib. Fl. Litv. (1782)
R. bulbosus L. Sp. pl. (1753) = Gilib. Fl. Litv. (1782)
R. lanuginosus L. Sp. pl. (1753) = Gilib. Fl. Litv. (1782)
R. arvensis L. Sp. pl. (1753) = *R. echinatus* Gilib. Fl. Litv. (1782)
Genus *Chelidonium* L. Gen. pl. ed. I (1737)
Ch. majus L. Sp. pl. (1753) = *Ch. luteum* Gilib. Fl. Litv. (1781)
Genus *Papaver* L. Gen. pl. ed. I (1737)
P. argemone L. Sp. pl. (1753) = *P. clavatum* Gilib. Fl. Litv. (1781)
P. rhoeas L. Sp. pl. (1753) = *P. atropurpureum* Gilib. Fl. Litv. (1781)
P. dubium L. Sp. pl. (1753) = *P. breviflorum* Gilib. Fl. Litv. (1781)

- P. somniferum* L. Sp. pl. (1753) = *P. glabrum* Gilib. Fl. Litv. (1781)
 Genus *Corydalis* Vent. Choix. (1803)
C. cava (L.) Schweigg. et Körte Fl. Erlang. II (1811) = *Fumaria bulbosa major*.var.*radice cava* Gilib. Fl. Litv. IV (1781)
C. solida (L.) Sw. in Svensk Bot. VIII (1819) = *Fumaria bulbosa major* Gilib. Fl. Litv. (1781)
C. intermedia (L.) Merat Nouv. Fl. env. Paris (1812) = *Fumaria bulbosa minor*.var.*radice bulbosa* Gilib. Fl. Litv. IV (1781)
 Genus *Fumaria* (Tourn.) L. Sp. pl. (1753)
F. officinalis L. Sp. pl. (1753) = *F. angustifolia* Gilib. Fl. Litv. IV (1782)
 Genus *Sisymbrium* L. Syst. pl. ed. I (1735)
S. irio L. Sp. pl. (1753) = *S. erucae-folio* Gilib. Fl. Litv. IV (1782)
 Genus *Descurainia* Webb. et Berth. Hist.nat.iles Canar III, 2 (1836 usque 1850) sect IV
D. sophia (L.) Schur. Enum. Pl. Transsylv. (1866) = *Sophia multifida* Gilib. Fl. Litv. IV (1782)
 Genus *Erysimum* L. Sp. pl. (1753)
E. cheiranthoides L. Sp. pl. (1753) = *E. cheiranthifolio* Gilib. Fl. Litv. IV (1782)
 Genus *Barbarea* Beckm. Lexic. Bot. (1801)
B. vulgaris R. Br. in Ait. Hort. Kew. ed. 2, IV (1812) = *Erysimum lyratum* Gilib. Fl. Litv. IV (1782)
 Genus *Rorippa* Scop. Fl. Carniol. ed. I (1760)
R. amphibia (L.) Bess. Enum. Pl. Volh. (1822) = *Sisymbrium integrifolium* Gilib. Fl. Litv. IV (1782)
 Genus *Armoracia* G. M. Sch. Fl. Wetterau. II (1800)
A. rusticana (Lam.) G. M. Sch. Fl. Wetterau. II (1800) = *A. lapathifolia* Gilib. Fl. Litv. IV (1782)
 Genus *Nasturtium* R. Br. in Ait. Hort. Kew. ed. 2, IV (1812)
N. officinale R. Br. in Ait. Hort. Kew. ed. 2, IV (1812) = *Sisymbrium Cardamine folio* Gilib. Fl. Litv. IV (1782)
 Genus *Cardamine* L. Sp. pl. ed. I (1753)
C. impatiens L. Sp. pl. (1753) = *C. apetala* Gilib. Fl. Litv. IV (1782)
C. hirsuta L. Sp. pl. (1753) = Gilib. Fl. Litv. IV (1782)
C. pratensis L. Sp. pl. (1753) = *C. integrifolia* Gilib. Fl. Litv. IV (1782)
C. amara L. Sp. pl. (1753) = Gilib. Fl. Litv. IV (1782)
 Genus *Dentaria* L. Sp. pl. (1753)
D. bulbifera L. Sp. pl. (1753) = Gilib. Fl. Litv. IV (1782)
 Genus *Arabidopsis* Heynh. in Holl et Heynh. Fl. Sachs. I (1842)
A. thaliana Heynh. in Holl et Heynh. Fl. Sachs. I (1842) = *Arabis scabra* Gilib. Fl. Litv. IV (1782)
 Genus *Turritis* L. Sp. pl. (1753)
T. glabra L. Sp. pl. (1753) = Gilib. Fl. Litv. IV (1782)
 Genus *Arabis* L. Gen. ed. I. (1737), L. Sp. pl. (1753)
A. hirsuta (L.) Scop. Fl. Carn. ed. 2, II (1772) = *Turritis hirsuta* Gilib. Fl. Litv. IV (1782)
A. arenosa (L.) Scop. Fl. Carn. ed. 2, II (1772) = *Sisymbrium caeruleum* Gilib. Fl. Litv. IV (1782)
 Genus *Alliaria* Adans. Fam. II (1763)
A. officinalis Andrz. ex M.B.Fl. taur. Cauc. III (1819) = *Sisymbrium alliaria* Gilib. Fl. Litv. IV (1782)
 Genus *Lunaria* L. Sp. pl. (1753)
L. rediviva L. Sp. pl. (1753) = *L. flagrans* Gilib. Fl. Litv. IV (1782)
 Genus *Berteroa* DC Syst. II (1821)
B. incana (L.) DC. Syst. II (1821) = *Alyssum incanum* Gilib. Fl. Litv. IV (1782)
 Genus *Draba* L. Syst. pl. ed.1 (1735)
D. nemorosa L. Sp. pl. (1753) = *D. lutea* Gilib. Fl. Litv. IV (1782)
 Genus *Erophila* DC. Syst. II (1821)
E. verna (L.) Bess. Enum. (1822) = *Draba alba* Gilib. Fl. Litv. IV (1782)
 Genus *Brassica* L. Syst. pl. ed.1 (1735)

- B. campestris* L. Sp. pl. (1753) = *B. lutea* Gilib. Fl. Litv. IV (1782)
 Genus *Raphanus* L. Sp. pl. (1753)
R. raphanistrum L. Sp. pl. (1753) = *R. cornutus* Gilib. Fl. Litv. IV (1782)
 Genus *Conringia* Adans. Fam. II (1763)
C. orientalis Andr. in DC. Syst. II (1821) = *Brassica alba* Gilib. Fl. Litv. IV (1782)
 Genus *Lepidium* L. Syst. pl. (1735)
L. campestre R. Br. in Ait. Hort. Kew. ed. 2, IV (1812) = *Thlaspi incanum* Gilib. Fl. Litv. IV (1782)
L. ruderale L. Sp. pl. (1753) = *L. apetalos* Gilib. Fl. Litv. IV (1782)
 Genus *Coronopus* Boehm. in Ludw. Def. Gen. pl. ed. 3 (1760)
C. procumbens Gilib. Fl. Litv. IV (1782)
 Genus *Thlaspi* L. Gen. pl. (1737)
Th. arvense L. Sp. pl. (1753) = *Th. lutescens* Gilib. Fl. Litv. IV (1782)
 Genus *Teesdalia* R. Br. in Ait. Hort. Kew. ed. 2, IV (1812)
T. nudicaulis R. Br. in Ait. Hort. Kew. ed. 2, IV (1812) = *Iberis nudicaulis* Gilib. Fl. Litv. IV (1782)
 Genus *Neslia* Desv. Journ. De Botan. III (1813)
N. paniculata (L.) Desv. Journ. de Botan. III (1813) = *Myagrum rugosum* Gilib. Fl. Litv. IV (1782)
 Genus *Capsella* Med. Pflanzengatt. I (1792)
C. bursa pastoris (L.) Med. Pflanzengatt. I (1792) = *Thlaspi polymorpha* Gilib. Fl. Litv. IV (1782)
 Genus *Drosera* L. Gen. pl. ed.1 (1937)
D. rotundifolia L. Sp. pl. (1753) = *Rorella rotundifolia* Gilib. Fl. Litv. V (1782)
D. anglica Huds. Fl. Angl. Ed. 2, 1, (1778) = *Rorella longifolia* Gilib. Fl. Litv. V (1782)

Gilibert's citation in *Lietuvos TSR Flora* volume IV, which includes Dicotyledon plants from 39 families and 155 genera, among them such numerous families as *Rosaceae* and *Leguminosae*.

- Genus *Sedum* L. Gen. pl. (1754)
S. sexangulare L. Sp. pl. (1753) = *S. mite* Gilib. Fl. Litv. V (1782)
S. acre L. Sp. pl. (1753) = Gilib. Fl. Litv. V (1782)
 Genus *Saxifraga* L. Gen. pl. ed.1 (1737)
S. tridactylites L. Sp. pl. (1753) = *S. trifida* Gilib. Fl. Litv. III (1781)
 Genus *Ribes* L. Sp. pl. (1753)
R. sylvestre Mert. et Koch in Roehl. Deutschl. Fl. ed. 2 (1826) = *R. rubrum* Gilib. Fl. Litv. V (1782) = *R. album* Gilib. Fl. Litv. V 1782
R. nigrum L. Sp. pl. (1753) = Gilib. Fl. Litv. V 1782
R. alpinum L. Sp. pl. (1753) = Gilib. Fl. Litv. V 1782
 Genus *Filipendula* Mill. emend. Adans. Fam II (1763)
Filipendula ulmaria (L.) Maxim. in Acta Hort. Petrop. VI (1879) = *Ulmaria pentapetala* Gilib. Fl. Litv. V 1782
 Genus *Rubus* L. Gen. pl. ed.1 (1737)
R. chamaemorus L. Spec. pl. (1753) = *R. ribis folio* Gilib. Fl. Litv. V 1782
R. idaeus L. Sp. pl. (1753) = *R. sericeus* Gilib. Fl. Litv. V 1782
R. caesius L. Sp. pl. (1753) = *R. coeruleus* Gilib. Fl. Litv. V 1782
 Genus *Rosa* L. Sp. pl. (1753)
R. canina L. Sp. pl. (1753) = Gilib. Fl. Litv. V 1782
R. rubiginosa L. Mant. II App. (1771) = *R. eglanteria* Gilib. Fl. Litv. V 1782
R. spinosissima L. Sp. pl. (1753) = Gilib. Fl. Litv. V 1782
 Genus *Sanguisorba* L. Sp. pl. (1753)

- S. officinalis* L. Sp. pl. (1753) = *S. maior* Gilib. Fl. Litv. I 1781
Genus *Geum* L. Sp. pl. (1753)
G. rivale L. Sp. pl. (1753) = *G. nutans* Gilib. Fl. Litv. V 1781
G. urbanum L. Sp. pl. (1753) = *G. caryophyllata* Gilib. Fl. Litv. V 1782
Genus *Potentilla* L. Sp. pl. (1753)
P. argentea L. Sp. pl. (1753) = *P. tomentosa* Gilib. Fl. Litv. V 1782
P. norvegica L. Sp. pl. (1753) = *P. trifolia* Gilib. Fl. Litv. V 1782
P. erecta (L.) Raeuschel, Nomencl. Bot. ed. 3 (1797) = Gilib. Fl. Litv. V 1782
P. reptans L. Sp. pl. (1753) = Gilib. Fl. Litv. V 1782
P. anserina L. Sp. pl. (1753) = *P. argentina* Gilib. Fl. Litv. V 1782
Genus *Fragaria* L. Sp. pl. (1753)
F. vesca L. Sp. pl. (1753) = *F. succulenta* Gilib. Fl. Litv. V 1782
Genus *Prunus* L. Sp. pl. (1753)
P. spinosa L. Sp. pl. (1753) = Gilib. Fl. Litv. I 1781
P. domestica L. Sp. pl. (1753) = Gilib. Fl. Litv. I 1781
Genus *Padus* Mill. Gard. Dict. ed. 8 (1769)
P. avium Mill. Gard. Dict. ed. 8 (1768) = *P. racemosa* Gilib. Fl. Litv. V 1782
Genus *Genista* L. Sp. pl. (1753)
G. tinctoria L. Sp. pl. (1753) = *G. inermis* Gilib. Fl. Litv. IV 1782
G. germanica L. Sp. Pl. (1753) = *G. spinosa* Gilib. Fl. Litv. IV 1782
Genus *Sarothamnus* Wimm. Fl. Schles. (1832)
S. scoparius (L.) Wimm. ex Koch, Syn. Fl. Germ. Helv. (1837) = *Spartium angulosum* Gilib. Fl. Litv. IV 1782
Genus *Astragalus* L. Sp. pl. (1753)
A. glycyphyllos L. Sp. pl. (1753) = *A. lunatus* Gilib. Fl. Litv. IV 1782
A. arenarius L. Sp. pl. (1753) = *A. incanus* Gilib. Fl. Litv. IV 1782
Genus *Ononis* L. Gen. pl. ed. 5 (1754)
O. arvensis L. Syst. Nat. ed. 10, II (1759) = *O. purpurea* Gilib. Fl. Litv. IV 1782
Genus *Medicago* L. Sp. pl. (1753)
M. lupulina L. Sp. pl. (1753) = *M. parviflora* Gilib. Fl. Litv. IV 1782
M. sativa L. Sp. pl. (1753) = *M. contorta* Gilib. Fl. Litv. IV 1782
Genus *Melilotus* Mill. Gard. Dict. Abr. ed. 4 (1754)
M. officinalis (L.) Lam, franc. 2 (1778) = *M. rugosus fl. luteo* Gilib. Fl. Litv. IV 1782
M. albus Med. in Vorles Churpf. Ges. II (1787) = *M. rugosus fl. albo* Gilib. IV 1782
Genus *Trifolium* L. Gen. pl. ed. 5 (1754)
T. aureum Poll. Hist. Pl. Palat II (1777) = *T. tumescens* Gilib. Fl. Litv. IV 1782
T. montanum L. Sp. pl. (1753) = *T. subulatum* Gilib. Fl. Litv. IV 1782
T. hybridum L. Sp. pl. (1753) = *T. fistulosum* Gilib. Fl. Litv. IV 1782
T. fragiferum L. Sp. pl. (1753) = *T. ampullescens* Gilib. Fl. Litv. IV 1782
T. arvense L. Sp. pl. (1753) = *T. villosum* Gilib. Fl. Litv. IV 1782
T. pratense L. Sp. pl. (1753) = *T. purpureum* Gilib. Fl. Litv. IV 1782
T. alpestre L. Sp. pl. II (1763) = *T. purpureum majus* Gilib. Fl. Litv. IV 1782
T. rubens L. Sp. pl. (1753) = Gilib. Fl. Litv. IV 1782
Genus *Vicia* L. Sp. pl. (1753)
V. tetrasperma (L.) Moench, Meth. (1794) = *Ervum glabrum* Gilib. Fl. Litv. IV 1782
V. pisiformis L. Sp. pl. (1753) = *V. ochroleuca* Gilib. Fl. Litv. IV 1782
V. dumetorum L. Sp. pl. (1753) = *V. variegata* Gilib. Fl. Litv. IV 1782
V. sylvatica L. Sp. pl. (1753) = *V. foetens* Gilib. Fl. Litv. IV 1782
V. cracca L. Sp. pl. (1753) = *V. imbricata* Gilib. Fl. Litv. IV 1782
V. sepium L. Sp. pl. (1753) = *V. rotundifolia* Gilib. Fl. Litv. IV 1782

- V. sativa* L. Sp. pl. (1753) = *V. notata* Gilib. Fl. Litv. IV 1782
 Genus *Lathyrus* L. Sp. pl. (1753)
L. latifolius L. Sp. pl. (1753) = *L. purpureus* Gilib. Fl. Litv. IV 1782
L. sylvestris L. Sp. pl. (1753) = *L. variegatus* Gilib. Fl. Litv. IV 1782
L. paluster L. Sp. pl. (1753) = *L. viciaefolius* Gilib. Fl. Litv. IV 1782
L. vernus (L.) Bernh. Syst. Verz. Erf. (1800) = *Orobis purpureo-coeruleus* Gilib. Fl. Litv. IV 1782
 Genus *Geranium* L. Sp. pl. (1753)
G. pratense L. Sp. pl. (1753) = *G. caeruleum* Gilib. Fl. Litv. V 1782
G. sylvaticum L. Sp. pl. (1753) = *G. caeruleo-purpureum* Gilib. Fl. Litv. V 1782
G. palustre L. Cent. II (1756) = *G. purpureum* Gilib. Fl. Litv. V 1782
G. sanguineum L. Sp. pl. (1753) = *G. grandiflorum* Gilib. Fl. Litv. V 1782
G. columbinum L. Sp. pl. (1753) = *G. roseo-caeruleum* Gilib. Fl. Litv. V 1782
G. dissectum L. Sp. pl. (1753) = *G. angustifolium* Gilib. Fl. Litv. V 1782
G. robertianum L. Sp. pl. (1753) = *G. foetidum* Gilib. Fl. Litv. V 1782
 Genus *Erodium* L'Herit, Geran. (1787)
E. cicutarium (L.) L'Herit in Ait. Hort. Kew. II (1789) = *Geranium pentandrum* Gilib. Fl. Litv. V 1782
 Genus *Linum* L. Sp. pl. (1753)
L. catharticum L. Sp. pl. (1753) = *L. diversifolium* Gilib. Fl. Litv. V 1782
 Genus *Radiola* Hill. Brit. Herb. (1756)
R. linoides Roth, Tent. Fl. Germ. I (1789) = *Linum tetrapetalum* Gilib. Fl. Litv. V 1782
 Genus *Euphorbia* L. Sp. pl. (1753)
E. helioscopia L. Sp. pl. (1753) = *Tithymalus serratus* Gilib. Fl. Litv. V 1782
E. palustris L. Sp. pl. (1753) = *Tithymalus fruticosus* Gilib. Fl. Litv. V 1782
E. cyparissias L. Sp. pl. (1753) = *Tithymalus angustifolius* Gilib. Fl. Litv. V 1782
E. peplus L. Sp. pl. (1753) = *Tithymalus rotundifolius* Gilib. Fl. Litv. V 1782
 Genus *Polygala* L. Sp. pl. (1753)
P. vulgaris L. Sp. pl. (1753) = *P. angustifolia* Gilib. Fl. Litv. IV 1782
 Genus *Acer* L. Sp. pl. (1753)
A. campestre L. Sp. pl. (1753) = *A. trilobum* Gilib. Fl. Litv. V 1782
A. pseudoplatanus L. Sp. pl. (1753) = *A. quinquelobum* Gilib. Fl. Litv. V 1782
 Genus *Aesculus* L. Sp. pl. (1753)
A. hippocastanum L. Sp. pl. (1753) = *A. castanea* Gilib. Fl. Litv. V 1782
 Genus *Impatiens* L. Sp. pl. (1753)
I. noli-tangere L. Sp. pl. (1753) = *I. cuculata* Gilib. Fl. Litv. V 1782
 Genus *Euonymus* L. Sp. pl. (1753)
E. europaeus L. Sp. pl. (1753) = *Evonymus angustifolius* Gilib. Fl. Litv. I 1781
E. verrucosus Scop. Fl. Carn., ed. 2, I (1772) = Gilib. Fl. Lith. 1781
 Genus *Rhamnus* L. Sp. pl. (1753)
Rh. cathartica L. Sp. pl. (1753) = *Rh. spinosa* Gilib. Fl. Litv. V 1782
 Genus *Frangula* Miller, Gard. Dict. ed. 4 (1754)
F. alnus Miller, Gard. Dict. ed. 8 (1768) = *Rhamnus pentapetala* Gilib. Fl. Litv. V 1782
 Genus *Malva* L. Sp. pl. (1753)
M. moschata L. Sp. pl. (1753) = *Alcea pinnatifida* Gilib. Fl. Litv. I (1781), Exerc. phytol. (1792)
M. sylvestris L. Sp. pl. (1753) = Gilib. Fl. Litv. III (1781)
M. pusilla Sm. et Sow. in Engl. Bot. IV (1795) = *M. prostrata* (L.) Gilib. Fl. Litv. I (1781)
M. crispa L. Syst. ed. 10, 2 (1759) = *M. breviflora* Gilib. Fl. Litv. I (1781), Exerc. phytol. I (1792)
 Genus *Daphne* L. Sp. pl. (1753)
D. mezereum L. Sp. pl. (1753) = *Thymelaea praecox* Gilib. Exerc. phytol. I (1792)
 Genus *Viola* L. Sp. pl. (1753)

- V. odorata* L. Sp. pl. (1753) = *V. martia* Gilib Fl. Litv. V (1782)
V. mirabilis L. Sp. pl. (1753) = *V. apetala* Gilib. Fl. Litv. V (1782) = *V. aperta* Gilib. Fl. Litv. V (1782); Exerc. Phytol. I (1792)
***V. erecta* Gilib. Fl. Litv. V (1782) = gilib. Exerc. phytol. I (1792)**
V. canina L. Sp. pl. (1753) = *V. procumbens* Gilib. Fl. Litv. V (1782)
V. palustris L. Sp. pl. (1753) = *V. inodora* Gilib. Fl. Litv. V (1782); Exerc. phytol. I (1792)
V. tricolor L. Sp. pl. (1753) = Gilib. Fl. Litv. V (1782)
 Genus *Bryonia* L. Sp. pl. (1753)
B. alba L. Sp. pl. (1753) = Gilib. Fl. Litv. I (1781)
 Genus *Cucumis* L. Sp. pl. (1753)
C. sativus L. Sp. pl. (1753) = Gilib. Fl. Litv. I (1781)
 Genus *Cucurbita* L. Sp. pl. (1753)
C. pepo L. Sp. pl. (1753) = Gilib. Fl. Litv. (1781)
 Genus *Peplis* L. Sp. pl. (1753)
P. portula L. Sp. pl. (1753) = *P. portulacae folio* Gilib. Fl. Litv. V (1782)
 Genus *Lythrum* L. Sp. pl. (1753)
L. salicaria L. Sp. pl. (1753) = *L. salicis folio* Gilib. Fl. Litv. V (1782)
 Genus *Epilobium* L. Sp. pl. (1753)
E. hirsutum L. Sp. pl. (1753) = Gilib. Fl. Litv. V (1782)
E. parviflorum Schreb. Spicil. Fl. Lips (1771) = *E. hirsutum parvo flore* Gilib Fl. Litv. V (1782)
E. adnatum Griseb. in Bot Zeit X (1852) = *E. tetragonum* Gilib. Fl. Litv. V (1782)
E. roseum Schreb. Spicil. Fl. Lips. (1771) = Gilib. Fl. Litv. V (1782)
 Genus *Chamaenerion* Adans. Fam. II (1763)
Ch. angustifolium (L.) Scop. Fl. Carn. ed.2 (1772) = *Epilobium difforme* Gilib. Fl. Litv. V (1782)
 Genus *Oenothera* L. Sp. pl. (1753)
O. biennis L. Sp. pl. (1753) = *O. graveolens* Gilib. Fl. Litv. V (1782)
 Genus *Circaea* L. Sp. pl. (1753)
C. alpina L. Sp. pl. (1753) = *C. decumbens* Gilib. Fl. Litv. V (1782)
C. lutetiana L. Sp. pl. (1753) = *C. erecta* Gilib. Fl. Litv. V (1782)
 Genus *Hippuris* L. Sp. pl. (1753)
H. vulgaris L. Sp. pl. (1753) = *H. verticillata* Gilib. Exerc. phytol. II (1792)

Gilibert's citation in *Lietuvos TSR Flora* volume V, which includes Dicotyledon plants from 32 families and 188 genera, among them from such large families as *Labiatae* and *Scropulariaceae*.

- Genus *Hedera* L. Sp. pl. (1753)
H. helix L. Sp. pl. (1753) = *H. lobata* Gilib. Exerc. phytol. I (1792)
 Genus *Sanicula* L. Sp. pl. (1753)
S. europaea L. Sp. pl. (1753) = *S. trilobata* Gilib. Fl. Litv. IV (1782)
 Genus *Eryngium* L. Sp. pl. (1753)
E. planum L. Sp. pl. (1753) = *E. caeruleum* Gilib. Fl. Litv. IV (1782)
 Genus *Chaerophyllum* L. Sp. pl. (1753)
Ch. bulbosum L. Sp. pl. (1753) = Gilib. Fl. Litv. IV (1782)
 Genus *Anthriscus* Hoffm. Gen. Umbell. (1814)
A. sylvestris (L.) Hoffm. Gen. Umbell (1814) = *Chaerophyllum tumidum* Gilib. Fl. Litv. IV (1782)
 Genus *Torilis* Adans. Fam. II (1763)
T. japonica (Houtt.) DC. Prodr. IV (1830) = *Tordylium asperum* Gilib. Fl. Litv. IV (1782)
 Genus *Coriandrum* L. Sp. pl. (1753)
C. sativum L. Sp. pl. (1753) = *C. diversifolium* Gilib. Fl. Litv. IV (1782)

- Genus *Conium* L. Sp. pl. (1753)
C. maculatum L. Sp. pl. (1753) = Gilib. Fl. Litv. IV (1782)
Genus *Bupleurum* L. Sp. pl. (1753)
B. rotundifolium L. Sp. pl. (1753) = *B. perfoliatum* Gilib. Fl. Litv. IV (1782)
Genus *Apium* L. Sp. pl. (1753)
A. graveolens L. Sp. pl. (1753) = *A. lobatum* Gilib. Fl. Litv. IV (1782)
Genus *Cicuta* L. Sp. pl. (1753)
C. virosa L. Sp. pl. (1753) = *C. cellulosa* Gilib. Fl. Litv. IV (1782)
Genus *Falcaria* Bernh. Syst. Verz. Erf. Pfl. (1800)
F. vulgaris Bernh. Syst. Verz. Erf. Pfl. (1800) = *Sium falcaria* Gilib. Fl. Litv. IV (1782)
Genus *Carum* L. Sp. pl. (1753)
C. carvi L. Sp. pl. (1753) = *C. decussatum* Gilib. Fl. Litv. IV (1782)
Genus *Pimpinella* L. Sp. pl. (1753)
P. saxifraga L. Sp. pl. (1753) = *P. latifolia* Gilib. Fl. Litv. IV (1782)
P. major (L.) Huds. Fl. Angl. (1762) = *P. angustifolia* Gilib. Fl. Litv. IV (1782)
Genus *Aegopodium* L. Sp. pl. (1753)
A. podagraria L. Sp. pl. (1753) = *A. ternatum* Gilib. Fl. Litv. IV (1782)
Genus *Sium* L. Sp. pl. (1753)
S. latifolium L. Sp. pl. (1753) = Gilib. Fl. Litv. IV (1782)
Genus *Seseli* L. Sp. pl. (1753)
S. annuum L. Sp. pl. (1753) = *S. purpureum* Gilib. Fl. Litv. IV (1782)
Genus *Oenanthe* L. Sp. pl. (1753)
O. aquatica (L.) Poir. in Lamk. Encycl. IV (1798) = *Phellandrium divaricatum* Gilib. Fl. Litv. IV (1782)
Genus *Aethusa* L. Sp. pl. (1753)
A. cynapium L. Sp. pl. (1753) = *A. petroselini folio* Gilib. Fl. Litv. IV (1782)
Genus *Foeniculum* Mill. Gard. Dict. ed. 4 (1754)
F. vulgare Mill. Gard. Dict. ed. 4 (1754) = *F. capillaceum* Gilib. Fl. Litv. IV (1782)
Genus *Selinum* L. Sp. pl. (1753)
S. carvifolia L. Sp. Pl. ed. 2 (1762) = *S. acutangulum* Gilib. Fl. Litv. IV (1782)
Genus *Angelica* L. Sp. pl. (1753)
A. sylvestris L. Sp. pl. (1753) = *A. minor* Gilib. Fl. Litv. IV (1782)
Genus *Archangelica* Hoffm. Gen. Umbell. (1814)
A. officinalis (Moench) Hoffm. Gen. Umbell. (1814) = *Angelica major* Gilib. Fl. Litv. IV (1782)
Genus *Peucedanum* L. Sp. pl. (1753)
P. oreoselinum (L.) Moench. Meth. (1794) = *Athamanta divaricata* Gilib. Fl. Litv. IV (1782)
P. palustre (L.) Moench. Meth. (1794) = *Selinum sublactescens* Gilib. Fl. Litv. IV (1782)
Genus *Laserpitium* L. Sp. pl. (1753)
L. latifolium L. Sp. pl. (1753) = Gilib. Fl. Litv. IV (1782)
L. prutenicum L. Sp. pl. (1753) = *L. hirsutum* Gilib. Fl. Litv. IV (1782)
Genus *Daucus* L. Sp. pl. (1753)
D. carota L. Sp. pl. (1753) = *D. hispidus* Gilib. Fl. Litv. IV (1782)
Genus *Chimaphila* Pursh Fl. Bor.-Am. I (1814)
Ch. umbellata (L.) Nutt. Gen. North- Am pl. I (1814) = *Pirola frutescens* Gilib. Fl. Litv. V (1782)
Genus *Monotropa* (L.) Nutt. Gen. Amer. I (1818)
M. hypopitys L. Sp. pl. (1753) = *M. fragrans* Gilib. Fl. Litv. II (1781)
Genus *Andromeda* L. Sp. pl. (1753)
A. polifolia L. Sp. pl. (1753) = *A. rosmarinifolia* Gilib. Fl. Litv. I (1781)
Genus *Arctostaphylos* Adans. Fam. Pl. II (1763)
A. uva-ursi Spreng. Syst. II (1825) = *Arbutus acerbus* Gilib. Fl. Litv. I (1781)
Genus *Vaccinium* L. Sp. pl. (1753)

- Vuliginosum* L. Sp. pl. (1753) = *V. ciliatum* Gilib. Fl. Litv. I (1781) = *V. rubrum* Gilib. Fl. Litv. I (1781)
V. myrtilillus L. Sp. pl. (1753) = *Myrtilillus niger* Gilib. Fl. Litv. I (1781)
V. vitis-idaea L. Sp. pl. (1753) = *V. buxifolio* Gilib. Fl. Litv. I (1781)
 Genus *Calluna* Salisb. in Trans. Linn. Soc. VI (1802)
C. vulgaris (L.) Hill. Brit. Fl. ed. 2, I (1808) = *Erica glabra* Gilib. Fl. Litv. I (1781)
 Genus *Empetrum* L. Sp. pl. (1753)
E. nigrum L. Sp. pl. (1753) = *E. procumbens* Gilib. Exerc. phytol II (1792)
 Genus *Lysimachia* L. Sp. pl. (1753)
L. vulgaris L. Sp. pl. (1753) = *L. paniculata* Gilib. Fl. Litv. I (1781)
L. nummularia L. Sp. pl. (1753) = *Nummularia repens* Gilib. Fl. Litv. I (1781)
 Genus *Trientalis* L. Sp. pl. (1753)
T. europaea L. Sp. pl. (1753) = *T. alsineflore* Gilib. Fl. Litv. I (1781)
 Genus *Anagallis* L. Sp. pl. (1753)
A. arvensis L. Sp. pl. (1753) = *A. phoenicea* Gilib. Fl. Litv. I (1781)
 Genus *Centunculus* L. Sp. pl. (1753)
C. minimus L. Sp. pl. (1753) = Gilib. Fl. Litv. I (1781)
 Genus *Primula* L. Sp. pl. (1753)
P. veris L. Sp. pl. (1753) = *P. odorata* Gilib. Fl. Litv. I (1781)
 Genus *Hottonia* L. Sp. pl. (1753)
H. palustris L. Sp. pl. (1753) = *H. millefolium* Gilib. Fl. Litv. I (1781)
 Genus *Samolus* L. Sp. pl. (1753)
S. valerandi L. Sp. pl. (1753) = *S. beccabungae facie* Gilib. Fl. Litv. I (1781)
 Genus *Armeria* Willd. Enum. pl. Hort. Berol. (1809)
A. elongata (Hoffm.) C. Koch in Flora, VI (1823) = *Statice capitata* Gilib. Fl. Litv. V (1782)
 Genus *Centaurium* Hill. Hort. Kew. (1768)
C. erythraea Rafn. Danm Holst. Fl. 2 (1800) = *C. umbellatum* Gilib. Fl. Litv. I (1781)
 Genus *Gentiana* L. Sp. pl. (1753)
G. pneumonanthe L. Sp. pl. (1753) = *Pneumonanthe angustifolia* Gilib. Fl. Litv. I (1781)
G. cruciata L. Sp. pl. (1753) = *Cruciata verticillata* Gilib. Fl. Litv. I (1781)
 Genus *Gentianella* Moench, Meth. (1794)
G. baltica (Murb.) Borner, Fl. deutsch. Volk (1912) = *Amarella quadrifida* Gilib. Fl. Litv. I (1781)
 Genus *Menyanthes* L. Sp. pl. (1762)
M. trifoliata L. Sp. pl. (1753) = Gilib. Fl. Litv. I (1781)
 Genus *Nymphoides* Hill, Brit. Herb. (1756)
N. peltata (S. G. Gmelin) O. Kuntze, Rev. Gen. Pl. 2 (1891) = *N. orbiculata* Gilib. Fl. Litv. I (1781)
 Genus *Vincetoxinum* Wolf Gen. Pl. Vocab. Char. Def. (1776) = *Cynanchum* L. Sp. pl. (1753)
V. hirundinaria Med. Hist. Comment. Acad. Elect. Theod. Palat. Phys. VI (1790) = *Asclepias alba* Gilib. Fl. Litv. I (1781)
 Genus *Galium* L. Sp. pl. (1753)
G. uliginosum L. Sp. pl. (1753) = *G. grandiflorum* Gilib. Linn. Syst. Pl. Europ. I³² (1785)
G. mollugo L. Sp. pl. (1753) = *G. album* Gilib. in Linn. Syst. Pl. Europ. I (1785)
 Genus *Cruciata* Mill.
C. glabra (L.) Ehrend. Nores. Roy. Bot. Gard. Edinb. XXII (1958) = *Galium polygamum* Gilib. Linn. Syst. Pl. Europ. I (1785)
C. laevipes Opiz. Seznam. (1825) = *Valantia hirsuta* Gilib. Exerc. phytol. I (1792)
 Genus *Polemonium* L. Sp. pl. (1753)
P. caeruleum L. Sp. pl. (1753) = *P. valerianaefolio* Gilib. Fl. Litv. I (1781)
 Genus *Convolvulus* L. Sp. pl. (1753)
C. arvensis L. Sp. pl. (1753) = *C. minor* Gilib. Fl. Litv. I (1781)
 Genus *Calystegia* R. Brown Prodr. Fl. Nov. Holl. (1810)

- C. sepium* (L.) R. Brown Prodr. Fl. Nov. Holl. (1810) = *Convolvulus major* Gilib. Fl. Litv. I (1781)
 Genus *Lappula* Moench Met. (1794)
L. squarrosa (Retz.) Dumort. Syst. Veg. ed. 15 (1797) = *L. echinata* Gilib. Fl. Litv. I (1781)
 Genus *Callitriche* L.
C. palustris L. Sp. pl. (1753) = *C. latifolia* Gilib. Exerc. phytol. II (1792)
 Genus *Teucrium* L. Sp. pl. (1753)
T. scordium L. Sp. pl. (1753) = Gilib. Fl. Litv. III (1781)
 Genus *Ajuga* L. Sp. pl. (1753)
A. reptans L. Sp. pl. (1753) = Gilib. Fl. Litv. III (1781)
A. pyramidalis L. Sp. pl. (1753) = Gilib. Fl. Litv. II (1781) = *A. nana* Gilib. Pl. rar. et comm.
 Lit. in Caroli Linnaei Systema Pl. (1785); Fl. Litv. in Delect. Opusk. Bot. II (1793) = *Bugula pyramidalis* Gilib. Fl. Litv. II (1781)
 Genus *Mentha* L. Sp. pl. (1753)
M. aquatica L. Sp. pl. (1753) = *M. capitata* Gilib. Fl. Litv. II (1781)
M. longifolia (L.) Nathh. Fl. Monsp. (1756) = *M. spicata* Gilib. Fl. Litv. II (1781)
 Genus *Lycopus* L. Sp. pl. (1753)
L. europaeus L. Sp. pl. (1753) = *L. albo-roseus* Gilib. Fl. Litv. II (1781)
 Genus *Origanum* L. Sp. pl. (1753)
O. vulgare L. Sp. pl. (1753) = *O. purpurascens* Gilib. Fl. Litv. II (1781)
 Genus *Thymus* L. Sp. pl. (1753)
Th. serpyllum L. emend. Fries. Fl. Suec. ed. 2 (1755) = *Th. repens* Gilib. Fl. Litv. II (1781)
 Genus *Acinos* Moench, Menth. (1794)
A. arvensis (Lamk.) dandy in Journ. Ecol. XXXIII (1946) = *A. clinopodiifacie* Gilib. Fl. Litv. II (1781)
 Genus *Dracocephalum* L. Sp. pl. (1753)
D. ruyshiana L. Sp. pl. (1753) = *D. angustifolium* Gilib. Fl. Litv. II (1781)
 Genus *Melittis* L.
M. melissophyllum L. Sp. pl. (1753) = *M. melissaefolio* Gilib. Fl. Litv. II (1781)
 Genus *Leonurus* L. Gen. pl. (1754)
L. cardiaca L. Sp. pl. (1753) = *Cardiaca trilobata* Gilib. Fl. Litv. II (1781)
L. quinquelobatus Gilib. In Usteri, Delect. Op. bot. II (1793)³³
 Genus *Ballota* L. Sp. pl. (1753)
B. nigra L. Sp. pl. (1753) = Gilib. Fl. Litv. II (1781)
 Genus *Stachys* L. Sp. pl. (1753)
S. annua L. Sp. pl. (1762) = *Syderitis trinervia* Gilib. Fl. Litv. II (1781)
 Genus *Betonica* L. Sp. pl. (1753)
B. officinalis L. Sp. pl. (1753) = Gilib. Fl. Litv. II (1781)
 Genus *Lamium* L. Sp. pl. (1753)
L. amplexicaule L. Sp. pl. (1753) = Gilib. Fl. Litv. (1781)
L. purpureum L. Sp. pl. (1753) = Gilib. Fl. Litv. (1781)
L. album L. Sp. pl. (1753) = Gilib. Fl. Litv. (1781)
 Genus *Galeopsis* L. Sp. pl. (1753)
G. ladanum L. Sp. pl. (1753) = *Ladanum purpureum* Gilib. Fl. Litv. II (1781)
G. speciosa Mill. Gard. Dict. VIII (1768) = *Tetrahit grandiflorum* Gilib. Fl. Litv. II (1781)
G. tetrahit L. Sp. pl. (1753) = *Tetrahit purpurascens* Gilib. Fl. Litv. (1781)
 Genus *Prunella* L. Sp. pl. (1753)
P. vulgaris L. Sp. pl. (1753) = *P. parviflora* Gilib. Fl. Litv. (1781)
P. grandiflora (L.) Scholler in Jacq. Fl. Austr. IV (1776) = Gilib. Fl. Litv. (1781)
 Genus *Scutellaria* L. Sp. pl. (1753)
S. galericulata L. Sp. pl. (1753) = Gilib. Fl. Litv. II (1782) = *Cassida major* Gilib. Fl. Litv. I (1781)
S. hastifolia L. Sp. pl. (1753) = *Cassida hastifolia* Gilib. Fl. Litv. I (1781)

- Genus *Solanum* L. Sp. pl. (1753)
S. tuberosum L. Sp. pl. (1753) = Gilib. Fl. Litv. I (1781)
S. nigrum L. Sp. pl. (1753) = Gilib. Fl. Litv. I (1781)
 Genus *Datura* L. Sp. pl. (1753)
D. stramonium L. Sp. pl. (1753) = *Stramonium spinosum* Gilib. Fl. Litv. I (1781)
 Genus *Nicotiana* L. Sp. pl. (1753)
N. tabacum L. Sp. pl. (1753) = *Tabacum ovatifolium* Gilib. Fl. Litv. I (1781)
 Genus *Gratiola* L. Sp. pl. (1753)
G. officinalis L. Sp. pl. (1753) = *G. angustifolia* Gilib. Fl. Litv. II (1781)
 Genus *Verbascum* L. Sp. pl. (1753)
V. thapsus L. Sp. pl. (1753) = *V. lanatum* Gilib. Fl. Litv. II (1781)
 Genus *Linaria* Miller. Gard. Dict. (1768)
L. vulgaris Miller. Gard. Dict. ed. 8 (1768) = *Antirrhinum linaria* Gilib. Fl. Litv. II (1781); Exerc. phytol. I (1792)
 Genus *Antirrhinum* L. Sp. pl. (1753)
A. orontium L. Sp. pl. (1753) = *A. breviflorum* Gilib. Fl. Litv. II (1781)
 Genus *Chaenorhinum* (DC.) Lange in Willk. et Lange, Prodr. Fl. Hisp. II (1870)
Ch. minus (L.) Lange in Willk. Et Lange, Prodr. Fl. Hisp. II (1870) = *Antirrhinum minus* Gilib. Fl. Litv. II (1781)
 Genus *Digitalis* L. Sp. pl. (1753)
D. grandiflora Mille. Gard. Dict. ed. 8 (1768) = *Digitalis lutea major* Gilib. Fl. Litv. II (1781)
 Genus *Veronica* L. Sp. pl. (1753)
V. serpyllifolia L. Sp. pl. (1753) = Gilib. Fl. Litv. II (1781)
V. arvensis L. Sp. pl. (1753) = *V. brevedunculata* Gilib. Fl. Litv. II (1781)
V. triphyllus L. Sp. pl. (1753) = *V. quinquefida* Gilib. Fl. Litv. II (1781), Exerc. phytol. I (1792)
V. verna L. Sp. pl. (1753) = *V. trifida* Gilib. Fl. Litv. II (1781), Exerc. phytol. I (1792)
V. agrestis L. Sp. pl. (1753) = *V. longepedunculata* Gilib. Fl. Litv. II (1781)
V. spicata L. Sp. pl. (1753) = Gilib. Fl. Litv. II (1781)
V. longifolia L. Sp. pl. (1753) = Gilib. Fl. Litv. II (1781),
V. teucrium L. Sp. pl. ed. 2 (1762) = *V. pseudochamaedrys* Gilib. Fl. Litv. II (1781)
V. officinalis L. Sp. pl. (1753) = *V. repens* Gilib. Fl. Litv. II (1781); Exerc. phytol. I (1792)
V. scutellata L. Sp. pl. (1753) = Gilib. Fl. Litv. II (1781)
V. beccabunga L. Sp. pl. (1753) = *V. rotundifolia erecta* Gilib. Exerc. phytol. I (1792)
V. anagallis-aquatica L. Sp. pl. (1753) = *V. langifolia repens* Gilib. Fl. Litv. II (1781) = *V. acutifolia* Gilib. Exerc. phytol. I (1792)
 Genus *Pedicularis* L. Sp. pl. (1753)
P. sylvatica L. Sp. pl. (1753) = Gilib. Fl. Litv. II (1781) = *P. procumbens* Gilib. Exerc. phytol. I (1792)
P. palustris L. Sp. pl. (1753) = *P. erecta* Gilib. Exerc. phytol. I (1792)
 Genus *Odontites* Zinn, Cat. pl. hort. Gott. (1757) *O. vulgaris* Moench, Meth, Pl. (1794) = *O. rubra* Gilib. Fl. Litv. II (1781); Exerc. phytol. I (1792)
 Genus *Melampyrum* L. Sp. pl. (1753)
M. cristatum L. Sp. pl. (1753) = Gilib. Fl. Litv. II (1781)
M. nemorosum L. Sp. pl. (1753) = *M. caerulescens* Gilib. Fl. Litv. II (1781)
M. pratense L. Sp. pl. (1753) = *M. hastatum* Gilib. Fl. Litv. II (1781)
 Genus *Lathraea* L. Sp. pl. (1753)
L. squamaria L. Sp. pl. (1753) = Gilib. Fl. Litv. II (1781)
 Genus *Plantago* L. Sp. pl. (1753)
P. major L. Sp. pl. (1753) = Gilib. Fl. Litv. I (1781)
P. media L. Sp. pl. (1753) = Gilib. Fl. Litv. I (1781)
P. lanceolata L. Sp. pl. (1753) = Gilib. Fl. Litv. I (1781)

P. indica L. Syst. nat. ed. 10 II (1754) = *Psyllium ramosum* Gilib. Fl. Litv. I (1781)
 Genus *Lonicera* L. Sp. pl. (1753)
L. xylosteum L. Sp. pl. (1753) = Gilib. Fl. Litv. (1781)
 Genus *Viburnum* L. Sp. pl. (1753)
V. opulus L. Sp. pl. (1753) = Gilib. Fl. Litv. (1781)
 Genus *Sambucus* L. Sp. pl. (1753)
S. nigra L. Sp. pl. (1753) = Gilib. Fl. Litv. (1781)
 Genus *Adoxa* L. Sp. pl. (1753)
A. moschatellina L. Sp. pl. (1753) = *Moschatelina fumariaefolio* Gilib. Fl. Litv. I (1781)
 Genus *Knautia* L. Gen. pl. ed. 5 (1754)
K. arvensis (L.) Coult. Mem. dips. (1824) = *Scabiosa varia* Gilib. Fl. Litv. II (1781)
 Genus *Succisa* Neck. Elem I (1790)
S. pratensis Moench. Menth pl. (1794) = *Scabiosa praemorsa* Gilib. Fl. Litv. III (1781)
 Genus *Scabiosa* L. Sp. pl. (1753)
S. ochroleuca L. Sp. pl. (1753) = *S. lutescens* Gilib. Fl. Litv. III (1781)
S. columbaria L. Sp. pl. (1753) = *S. bellidis folio* Gilib. Fl. Litv. III (1781)

**Gilibert's citation in *Lietuvos TSR Flora* volume VI,
 which includes Dicotyledon plants from 3 families and 77 genera.**

Genus *Campanula* L. Sp. pl. (1753)
C. cervicaria L. Sp. pl. (1753) = *C. echiifolio* Gilib. Fl. Litv. I (1781)
C. trachelium L. Sp. pl. (1753) = *C. urticaefolio* Gilib. Fl. Litv. I (1781)
 Genus *Phyteuma* L. Sp. pl. (1753)
Ph. spicatum L. Sp. pl. (1753) = *Rapunculus spicatus* Gilib. Fl. Litv. I (1781)
 Genus *Solidago* L. Sp. pl. (1753)
S. virgaurea L. Sp. pl. ed.2 (1763) = *S. flexuosa* Gilib. Fl. Litv. III (1781)
 Genus *Aster* L. Sp. pl. (1753)
A. tripolium L. Sp. pl. (1753) = *A. carnosus* Gilib. Fl. Litv. III (1781)
A. amellus L. Sp. pl. (1753) = *A. trinervius* Gilib. Fl. Litv. III (1781)
 Genus *Erigeron* L. Sp. pl. (1753)
E. acer L. Sp. pl. (1753) = *E. umbellatum* Gilib. Fl. Litv. III (1781)
 Genus *Conyza* Less. Syn. Gen. Comp. (1832)
C. canadensis (L.) Cronquist, Bull. Torrey Bot. Club. LXX (1943) = *Erigeron paniculatum* Gilib.
 Fl. Litv. III (1781)
 Genus *Gnaphalium* L. Sp. pl. (1753)
G. uliginosum L. Sp. pl. (1753) = *G. castaneum* Gilib. Fl. Litv. III (1781)
G. sylvaticum L. Sp. pl. (1753) = *G. spadiceum* Gilib. Fl. Litv. III (1781)
 Genus *Helichrysum* Mill. Gard. Dict. Abridg., ed. 4 (1754)
H. arenarium (L.) Moench, Meth. (1794) = *Gnaphalium aureum* Gilib. Fl. Litv. III (1781)
 Genus *Inula* L. Sp. pl. (1753)
I. helenium L. Sp. pl. (1753) = *Helenium grandiflorum* Gilib. Fl. Litv. III (1781)
I. britannica L. Sp. pl. (1753) = *I. serrata* Gilib. Fl. Litv. III (1781)
I. salicina L. Sp. pl. (1753) = *I. glabra* Gilib. Fl. Litv. III (1781)
 Genus *Pulicaria* Gaertn. De fruct. et sem. II (1791)
P. vulgaris Gaertn. De fruct. et sem. II (1791) = *Inula prostrata* Gilib. Fl. Litv. III (1781)
P. dysenterica (L.) Bernh. Syst. Verz. (1800) = *Inula cordato folio* Gilib. Fl. Litv. III (1781)
 Genus *Anthemis* L. Sp. pl. (1753)
A. arvensis L. Sp. pl. (1753) = *A. inodora* Gilib. Fl. Litv. III (1781)
A. tinctoria L. Sp. pl. (1753) = *Buphthalmum bipinnatum* Gilib. Fl. Litv. III (1781)

- A. cotula* L. Sp. pl. (1753) = *A. foetida* Gilib. Fl. Litv. III (1781)
A. nobilis L. Sp. pl. (1753) = *A. odorata* Gilib. Fl. Litv. III (1781)
Genus *Achillea* L. Sp. pl. (1753)
A. ptarmica L. Sp. pl. (1753) = *Ptarmica integrifolia* Gilib. Fl. Litv. III (1781)
A. millefolium L. Sp. pl. (1753) = *A. subhirsuta* Gilib. Fl. Litv. III (1781)
A. nobilis L. Sp. Pl. (1753) = *A. camphorata* Gilib. Fl. Litv. III (1781)
Genus *Chamomilla* S. F. Gray, Nat. Arr. Brit. Fl. 2 (1821)
Ch. recutita (L.) Rauschert, Folia, Geobot. Phytotaxon. (Praha) 9 (1974) = *Matricaria patens* Gilib. Fl. Litv. III (1781)
Ch. suaveolens (Pursh) Rydb. N. Amer. Fl. 34 (1916) = *Matricaria deflexa* Gilib. Fl. Litv. III (1781)
Genus *Matricaria* L. Sp. pl. (1753)
M. maritima L. Sp. pl. (1753) = *M. inodora* Gilib. Fl. Litv. III (1781) = *Camomilla inodora* Gilib. Exerc. phytol. I (1792)
Genus *Chrysanthemum* L. Sp. pl. (1753)
Ch. segetum L. Sp. pl. (1753) = *Ch. laciniatum* Gilib. Fl. Litv. III (1781)
Genus *Leucanthemum* Mill. Gard. Dict. ed. 4 (1754)
L. vulgare Lamc. Fl. Fr. II (1778) = *Chrysanthemum dentatum* Gilib. Fl. Litv. III (1781)
Genus *Tanacetum* L. Sp. pl. (1753)
T. vulgare L. Sp. pl. (1753) = *T. umbellatum* Gilib. Fl. Litv. III (1781)
Genus *Artemisia* L. Sp. pl. (1753)
A. vulgaris L. Sp. pl. (1753) = *A. quadripedalis* Gilib. Fl. Litv. III (1781)
A. absinthium L. Sp. pl. (1753) = *Absinthium bipetala* Gilib. Fl. Litv. III (1781)
A. campestre L. Sp. pl. (1753) = *Abrotanum frutescens* Gilib. Fl. Litv. III (1781)
Genus *Tussilago* L. Sp. pl. (1753)
T. farfara L. Sp. pl. (1753) = *Farfara radiata* Gilib. Fl. Litv. III (1781)
Genus *Petasites* Mill. Gard. Dict. ed. 4 (1764)
P. hybridus (L.) Gaertn. Mey. et Scherb. Fl. Wett. III (1801) = *Tussilago androgyna* Gilib. Fl. Litv. III (1781)
Genus *Arnica* L. Sp. pl. (1753)
A. montana L. Sp. pl. (1753) = *A. plantaginis folio* Gilib. Fl. Litv. III (1781)
Genus *Senecio* L. Sp. pl. (1753)
S. jacobaea L. Sp. pl. (1753) = *Jacobaea sicca* Gilib. Fl. Litv. III (1781)
S. paludosus L. Sp. pl. (1753) = *Solidago serratifolia* Gilib. Fl. Litv. III (1781)
S. viscosus L. Sp. pl. (1753) = *Jacobaea viscosa* Gilib. Fl. Litv. III (1781)
S. vulgaris L. Sp. pl. (1753) = *S. flosculosus* Gilib. Fl. Litv. III (1781)
S. sylvaticus L. Sp. pl. (1753) = *Jacobaea denticulata* Gilib. Fl. Litv. III (1781)
Genus *Arctium* L. Sp. pl. (1753)
A. lappa L. Sp. pl. (1753) = *A. adhaerens* Gilib. Fl. Litv. III (1781)
Genus *Carduus* L. Sp. pl. (1753)
C. acanthoides L. Sp. pl. (1753) = *C. sinuatus* Gilib. Fl. Litv. III (1781)
Genus *Cirsium* Mill. Gard. Dict. Arb. ed. 4 (1754)
C. vulgare (Savi) Ten. Fl. Nap. V (1835–1836) = *Carduus divaricatus* Gilib. Fl. Litv. III (1781)
C. oleraceum (L.) Scop. Fl. Carn. ed. 2, II (1772) = *Cnicus bracteatus* Gilib. Fl. Litv. III (1781)
C. erisithales (Jacq.) Scop. Annus Hist. = Nat. (1769) = *Cnicus glutinosus* Gilib. Fl. Litv. III (1781)
C. palustre (L.) Scop. Fl. Carn. Ed. 2, II (1772) = *Carduus altissimus* Gilib. Fl. Litv. III (1781)
C. arvensis Scop. Fl. Carn. Ed. 2, II (1772) = *Serratula spinosa* Gilib. Fl. Litv. III (1781)
Genus *Onopordum* L. Sp. pl. (1753)
O. acanthium L. Sp. pl. (1753) = *O. acanthifolium* Gilib. Fl. Litv. III (1781)
Genus *Serratula* L. Sp. pl. (1753)
S. tinctoria L. Sp. pl. (1753) = *S. inermis* Gilib. Fl. Litv. III (1781)

- Genus *Centaurea* L. Sp. pl. (1753)
C. cyanus L. Sp. pl. (1753) = *Cyanus dentato folio* Gilib. Fl. Litv. III (1781)
C. jacea L. Sp. pl. (1753) = *Jacea tomentosa* Gilib. Fl. Litv. III (1781)
C. phrygia L. Sp. pl. (1753) = *Cyanus plumosus* Gilib. Fl. Litv. III (1781)
C. scabiosa L. Sp. pl. (1753) = *Cyanus laciniatus* Gilib. Fl. Litv. III (1781)
 Genus *Carlina* L. Sp. pl. (1753)
C. vulgaris L. Sp. pl. (1753) = *C. caulescens* Gilib. Fl. Litv. III (1781)
 Genus *Cichorium* L. Sp. pl. (1753)
C. intybus L. Sp. pl. (1753) = *C. caeruleum* Gilib. Fl. Litv. III (1781)
 Genus *Tragopogon* L. Sp. pl. (1753)
T. pratensis L. Sp. pl. (1753) = *T. carinatum* Gilib. Fl. Litv. III (1781)
 Genus *Scorzonera* L. Sp. pl. (1753)
S. humilis L. Sp. pl. (1753) = *S. nervosa* Gilib. Fl. Litv. III (1781)
 Genus *Hypochoeris* L. Sp. pl. (1753)
H. radicata L. Sp. pl. (1753) = *H. runcinata* Gilib. Fl. Litv. III (1781)
H. maculata L. Sp. pl. (1753) = *H. grandiflora* Gilib. Fl. Litv. III (1781)
 Genus *Leontodon* L. Sp. pl. (1753)
L. autumnalis L. Sp. pl. (1753) = *L. glabrum* Gilib. Fl. Litv. III (1781)
L. hispidus L. Sp. pl. (1753) = Gilib. Fl. Litv. III (1781)
 Genus *Picris* L. Sp. pl. (1753)
P. hieracioides L. Sp. pl. (1753) = *P. aspera* Gilib. Fl. Litv. III (1781)
 Genus *Sonchus* L. Sp. pl. (1753)
S. palustris L. Sp. pl. (1753) = *S. sexpedalis* Gilib. Fl. Litv. III (1781)
S. arvensis L. Sp. pl. (1753) = *S. hispidus* Gilib. Fl. Litv. III (1781)
S. oleraceus L. Sp. pl. (1753) = *S. glaber* Gilib. Fl. Litv. III (1781)
S. asper (L.) Hill, Herbar, briet I (1769) = *S. glaber* var. 3°. Gilib. Fl. Litv. III (1781)
 Genus *Lactuca* L. Sp. pl. (1753)
L. serriola L. Centur. Plant. II (1756) 29 et in Amoen. Acad. IV (1759) = *L. latifolia* Gilib. Fl. Litv. III (1781)
 Genus *Mycelis* Cass. in Dict. Sc.Nat. XXXIII (1824)
M. muralis (L.) Dum. Fl. Belg. (1827) = *Prenanthes parviflora* Gilib. Fl. Litv. III (1781)
 Genus *Lapsana* L. Sp. pl. (1753)
L. communis L. Sp. pl. (1753) = *L. sonchifolio* Gilib. Fl. Litv. III (1781)
 Genus *Crepis* L. Sp. pl. (1753)
C. paludosa (L.) Moench, Meth. (1794) = *Hieracium paniculatum* Gilib. Fl. Litv. III (1781)
C. biennis L. Sp. pl. (1753) = *C. muricata* Gilib. Fl. Litv. III (1781)
C. praemorsa (L.) Tausch in Flora XI, 1 (1828) = *Hieracium spicatum* Gilib. Fl. Litv. III (1781)
C. tectorum L. Sp. pl. (1753) = *C. polymorpha* Gilib. Fl. Litv. III (1781)

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A. Ričkienė

WKŁAD J.E. GILIBERTA DO BADAŃ FLORY LITWY

Jean Emmanuel Gilbert (1741–1814), francuski botanik, lekarz i polityk, część swojego życia spędził w Rzeczypospolitej Obojga Narodów. W latach 1775–1781 mieszkał w Grodnie, gdzie założył Królewską Szkołę Lekarską i ogród botaniczny, modernizował nauczanie medycyny i nauk przyrodniczych, a także przyczynił się do rozwoju badań. W 1781 r. przeniósł się do Wilna i tutaj na Uniwersytecie Wileńskim objął Katedrę Historii Naturalnej, i Ogród Botaniczny, zorganizował studia przyrodnicze i badania. W 1783 r. Gilbert opuścił Wilno, powrócił do Lyonu, gdzie praktykował jako lekarz i uczestniczył w życiu politycznym Francji.

Podczas pobytu w Wielkim Księstwie Litewskim Gilbert kolekcjonował miejscowe rośliny z okolic Białegostoku, Brześcia, Merecza, Nowogródka, Nieświeża, Wilna, Waki, Trok, Warszawy. Od 1781 r. do końca życia ogłosił drukiem aż 16 prac poświęconych przyrodzie Wielkiego Księstwa Litewskiego. W większości z nich podał informacje o roślinach. Takie prace Gilberta, jak *Flora Lituanica inchoata*; *Exercitium botanicum, in schola principe universitatis Vilnensis...*; rozdziały zatytułowane *Flora Lithuanica inchoata* i *Plantae rariores et communes Lithuaniae* w książce *Caroli Linnaei ... Systema plantarum Europae...* oraz *Exercitia phytologica...* określane są (traktowane) jako *Flora*. W powyższych publikacjach cytuje ponad 1200 roślin występujących na terytorium Wielkiego Księstwa Litewskiego. W 1945 r. szwedzki uczony Nils Hylander opublikował artykuł, w którym zalecał zrezygnować ze wszystkich nazw naukowych zaproponowanych przez Gilberta w pracach *Flora Lituanica inchoata* i „*Exercitia phytologica*” jako sprzecznych z zasadami nomenklatury binarnej Linneusza. W 1949 r. Roger McVought po dokonaniu analizy opracowania Gilberta *Flora* stwierdził, że spośród 1200 gatunków roślin, które opisał tu Gilbert, aż 850 nazw zostało przez niego zaproponowanych jako nowe, z których tylko 85–90 nazw teoretycznie mogłoby być używanych w wykazach roślin. Obecnie wszystkie *Flory* Gilberta są wciągnięte do Międzynarodowego Kodu Nomenklatury Glonów, Grzybów i Roślin (International Code of Nomenclature for algae, fungi, and plants) Appendix VI Opera utique oppressa. W tym rejestrze zamieszczono nazwy glonów, grzybów i roślin nieużywane i niepublikowane we współczesnych pracach z zakresu botaniki. Jeżeli właściwie wszystkie zaproponowane przez Gilberta nazwy roślin nie nadają się do publikowania, wówczas powstaje pytanie, jaką wartość mają prace Gilberta dla współczesnych badań flory Litwy. Zbadalam cytowania

Giliberta w sześciotomowym rejestrze „Lietuvos TSR flora” [1-6 tomai. Valstybinė politinės ir mokslinės literatūros leidykla, Vilnius 1959-1980.] opublikowanym w latach 1959-1980, który do dziś dnia jest największym i najważniejszym wykazem roślin na Litwie. W tym wydaniu obok podstawowej nazwy gatunku rośliny zostały podane ważniejsze nazwy synonimiczne oraz wskazane bardziej znaczące źródła pisane, w których gatunek ten został przedstawiony. We wszystkich sześciu tomach rejestru wiele razy są cytowane dwie publikacje Giliberta: *Flora Lituanica inchoata* i *Exercitia Phytologica*. W 1. tomie wydania „Lietuvos TSR flora”, gdzie zostały opisane *Pteridophyta* i *Gymnospermae*, Gilbert cytowany jest tylko raz. W 2. tomie, w którym znajduje się opis roślin jednoliściennych z 18 rodzin i 135 podrodzin, Gilbert cytowany jest 55 razy. W 3. tomie, gdzie dokonano opisu roślin dwuliściennych z 27 rodzin i 143 podrodzin, jest cytowany 79 razy. W 4. tomie poświęconym roślinom dwuliściennym z 39 rodzin i 155 podrodzin, wśród których znajdują się rośliny należące do takich dużych rodzin, jak *Rosaceae* i *Leguminosae*, Gilbert cytowany jest 104 razy. W 5. tomie, w którym opisane są rośliny dwuliścienne z 32 rodzin i 188 podrodzin, w tym też rośliny z dużych rodzin, jak *Labiatae* i *Scropulariaceae*, Gilbert cytowany jest 133 razy oraz w 6. tomie, w którym przedstawione zostały rośliny dwuliścienne z 3 rodzin i 68 podrodzin, cytowany jest 72 razy. Niektóre rośliny, jak *Zannichellia palustris* L., *Setaria verticillata* (L.), *Pulsatilla vernalis* (L.) Mill., *Euphorbia palustris* L. do rejestru „Lietuvos TSR flora” zostały wpisane wyłącznie na podstawie danych Giliberta, ponieważ w tym czasie, kiedy powyższa publikacja była wydawana, brakowało dodatkowych informacji o występowaniu tych gatunków na terytorium Litwy. Część cytowanych nazw roślin podawanych przez Giliberta, które są zawarte w pracy „Lietuvos TSR Flora“, jest identyczna z nazwami proponowanymi przez Linneusza, część zaś nazw jest inna, utworzona przez Giliberta. Wszystkie nazwy roślin proponowane przez Giliberta cytowane w pracy „Lietuvos TSR Flora“ występują jako dodatkowe, uzupełniające źródło, jednakże częstość cytowania świadczy o tym, że wkład tego uczonego do badań flory Litwy jest istotny nie tylko pod względem historycznym, lecz i botaniczno-florystycznym.