

7. Gummipflanzen: Die Stammpflanzen des Gummi arabicum, *Acacia Verek* Guill. et Per., *A. tortilis* Heyne, *A. Seyal* Del., *A. Ehrenbergiana* Heyne, und vielleicht wären auch die Früchte von *Pedalium Murex* L., *Petraea Zanguebarica* Gay und *P. artemisiaefolia* Kl. als Klebstoffe und einhüllende Mittel zu versuchen.

8. Kautschukpflanzen: *Vahea Kirkii* Hook, *V. florida* Benth. und die erst kürzlich aus Westafrika bekannt gewordene *V. Traunii* Sadeb.

9. Faserpflanzen: Baumwolle, bei welcher eine sorgfältige Auswahl der Art vorzunehmen wäre, Jute, *Raphia vinifera* Beauv. und *Sansevieria*, welche eine ausserordentlich feste und elastische Faser liefert, die aber ebenfalls nicht von allen Sorten gleich brauchbar ist.
Brick (Hamburg).

Neue Litteratur.*)

Nomenclatur, Pflanzennamen, Terminologie etc.:

Botanical Nomenclature. (Journal of Botany. Vol. XXX. 1892. No. 356. p. 241—242.)

Allgemeines, Lehr- und Handbücher, Atlanten:

Müller, W. und Pilling, F. O., Deutsche Schulflora. Lieferg. 15. gr. 8°. 8 farbige Tafeln. Gera (Hofmann) 1892. M. —.70.

Wiesner, J., Elementi di botanica scientifica. Traduzione italiana fatta sull'ultima edizione originale dal Prof. R. F. Solla. Vol. I. (Anatomia e fisiologia delle piante.) Fasc. 5—6. 8°. p. 161—240. Milano (stab. tip. dell'antica casa edit. Fr. Vallardi) 1892. à Fasc. L. 1.—

Willkomm, M., Bilder-Atlas des Pflanzenreichs, nach dem natürlichen System bearbeitet. 2. Auflage. Lieferung 10. Fol. 4 pp. mit 4 farbigen Tafeln. Esslingen (J. F. Schreiber) 1892. M. —.50.

Algen.

Allen, T. F., Note on some Characeae. (Bulletin of the Torrey Botanical Club of New-York. Vol. XIX. 1892. No. 7. p. 230.)

Batters, E. A. L., Schmitziella, a new genus of endophytic Algae (Corallinaceae). With 1 plate. (Annals of Botany. 1892. July.)

Gallik, O. A., Navicula ambigua E. és N. cuspidata Kütz. oszlása. [Die Theilung von Navicula ambigua und Nav. cuspidata.] (Természertajzi füzetek. 1892. 14 pp. mit deutschem Resumé.)

Miquel, P., Recherches expérimentales sur la physiologie, la morphologie et la pathologie des Diatomées. (Extrait des Annales de micrographie. 1892.) 8°. 29 pp. Tours (impr. Deslis frères), Paris (libr. Carré) 1892.

Pilze:

Dietel, P., Ueber den Generationswechsel von Puccinia Agropyri Ell. et Ev. (Oesterreichische botanische Zeitschrift. 1892. No. 8. p. 261—263.)

*) Der ergebenst Unterzeichnete bittet dringend die Herren Autoren um gefällige Uebersendung von Separat-Abdrücken oder wenigstens um Angabe der Titel ihrer neuen Veröffentlichungen, damit in der „Neuen Litteratur“ möglichst Vollständigkeit erreicht wird. Die Redactionen anderer Zeitschriften werden ersucht, den Inhalt jeder einzelnen Nummer gefälligst mittheilen zu wollen, damit derselbe ebenfalls schnell berücksichtigt werden kann.

Dr. Uhlworm,
Terrasse Nr. 7.

- Chatin, Ad.**, La Truffe. Botanique de la Truffe et des plantes truffières: sol, climat, pays producteurs, composition chimique, culture, récolte, commerce, fraudes, qualités alimentaires, conserves, préparations culinaires. 8°. XII, 370 pp. avec 15 planches imprimées en couleurs. Corbeil (impr. Crété), Paris (libr. J. B. Baillièrre et fils) 1892. Fr. 15.—
- Hori, Shōtarō**, Notes on some Japanese Uredineae. (The Botanical Magazine. Vol. VI. Tokyo 1892. No. 64. p. 211—216.) [Japanisch.]
- Schneider, A.**, Observations on some American Rhizobia. With 2 plates. (Bulletin of the Torrey Botanical Club of New-York. Vol. XIX. 1892. No. 7. p. 203—218.)

Flechten:

- Miller, J.**, Lichenes Manipurenses a Dr. G. Watt lecti. [Enterodictyon, gen. nov.] (Journal of the Linnean Soc. Botany. XXIX. 1892. Nro. 201. 29. June.)
- Richard, O. J.**, Osservazioni sopra una questione di fisiologia vegetale relativa ai liehni. Traduzione autorizzata dall' autore di C. Grilli. 8°. 11 pp. Castelpiano (tip. di Luigi Romagnoli) 1892.
- Tonglet, A.**, Notice sur six Lichens nouveaux pour la flore de Belgique. (Comptes-rendus des séances de la Société royale de botanique de Belgique. 1892. Mai. p. 93—95.)

Muscineen:

- Cardot, Jules**, De l'inégalité de valeur des types spécifiques. (Comptes-rendus des séances de la Société royale de botanique de Belgique. 1892. Juin. p. 123—133.)
- Donin, J.**, Nouvelle flore des mousses et des hépatiques, pour la détermination facile des espèces, avec 1288 fig. inédites, dessinées par A. Millot, représentant toutes les mousses et hépatiques des environs de Paris, des départements voisins et les espèces communes d'Europe. (Suite à la Nouvelle Flore de G. Bonnier et de Layens. II.) 8°. 186 pp. Corbeil (impr. Crété), Paris (libr. P. Dupont) 1892.
- Fry, Sir E.**, British Mosses. 8°. 70 pp. London (Witherby) 1892. 1 sh.
- Renauld, F. et Cardot, J.**, Musci exotici novi vel minus cogniti. (Comptes-rendus des séances de la Société royale de botanique de Belgique. 1892. Juin. p. 100—123.)
- Stephani, F.**, Colenso's New Zealand Hepaticae. With 3 plates. (Jouru. Linnean Soc. Bot. XXIX. 1892. Nro. 201. 29. June.)

Physiologie, Biologie, Anatomie und Morphologie:

- Bailey, L. H.**, Cross-breeding and hybridizing, with a brief bibliography of the subject. (The Rural Library. Vol. 1. 1892. No. 6. p. 44.)
- Barber, C. A.**, Nature and development of excrecences on stems of Zanthoxylum. With 2 plates. (Annals of Botany. 1892. July.)
- Battandier, J. A. et Trabut, L.**, Extrait d'un rapport sur quelques voyages botaniques en Algérie, entrepris sous les auspices du ministre de l'Instruction publique pendant les années 1890—1891. Partie II: Diagnoses d'espèces nouvelles et énumération de quelques plantes nouvelles pour l'Algérie. (Bulletin de la Société Botanique de France. Sér. II. T. XIV. 1892. p. 70—77.)
- Bauer, W.**, Ueber eine aus Leinsamenschleim entstehende Zuckerart. (Die landwirthschaftlichen Versuchsstationen. Bd. XL. 1892. No. 5/6.)
- Bourge, Ph.**, Recherches morphologiques et chimiques sur les grains de pollen. Avec planches. (La Cellule. Recueil de Cytologie et d'Histologie générale. Tome VIII. 1892. Fasc. 1. p. 45—80.)
- Čelakovský, Ladisl. J.**, Nachtrag zu dem Aufsatz: Gedanken über eine zeitgemässe Reform der Theorie der Blütenstände. (Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie. Herausgeg. von A. Engler. Bd. XVI. 1892. Heft 2. Beiblatt No. 36. p. 41.)
- Chabert, Alfred**, Contribution à la flore de France et de Corse. (Bulletin de la Société Botanique de France. Sér. II. T. XIV. 1892. p. 66—69.)
- Chatin, Joannes**, La cellule animale: sa structure et sa vie, étude biologique et pratique. 8°. 304 pp. avec 149 fig. intercalées dans le texte. Angers (impr. Lachèse et Dolbeau), Paris (libr. J. B. Baillièrre et fils) 1892. Fr. 3.50.

- Dammer**, Die Beziehungen der Biologie zur Systematik. (Biologisches Centralblatt. Bd. XII. 1892. No. 13.)
- Duchartre, P. et H.**, Note sur des feuilles de *Senecio sagittifolius* Baker. (Bulletin de la Société Botanique de France. Série II. Tome XIV. 1892. p. 83.)
- Farmer, J. B.**, Occurrence of two prothallia in an ovule of *Pinus sylvestris*. (Annals of Botany. 1892. July.)
- Green, J. R.**, Occurrence of vegetable trypsin in fruit of *Cucumis utilissimus*. (l. c.)
- Jost, L.**, Ueber R. Hartig's Theorie des Dickenwachstums und der Jahrringbildung. (Botanische Zeitung. 1892. No. 30. p. 489—495 und [Schluss] No. 31. p. 506—510.)

Systematik und Pflanzengeographie:

- Baenitz, C.**, *Ribes rubrum* L. var. *pseudopetraeum* Baenitz. (Oesterreichische botanische Zeitschrift. 1892. No. 8. p. 265.)
- Baker, Edmund G.**, Synopsis of genera and species of Malveae. [Cont.] (Journal of Botany. Vol. XXX. No. 356. p. 235—240.)
- Baker, J. G. und Engler, A.**, Liliaceae africanae. Mit 1 Tafel. (Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie. Herausgegeben von A. Engler. Bd. XV. 1892. Heft 4. p. 467—479.)
- Bennett, Arthur**, *Fragaria elatior* Ehrh. (Journal of Botany. Vol. XXX. 1892. No. 356. p. 248.)
- —, Notes on *Potamogetons*. [Continued.] (l. c. p. 227—230.)
- Bentham, G.**, Handbook of the British flora. 6. edit. revised by Sir J. W. Hooker. 8°. 660 pp. London (Reeve) 1892. 10 sh. 6 d.
- Bolle, Karl**, Botanische Rückblicke auf die Inseln Lanzarote und Fuertaventura. (Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie. Herausgegeben von A. Engler. Bd. XVI. 1892. Heft 2. p. 224—262.)
- Borbás, Vincenz von**, Eine Excursion zu den Adlerbädern des Szemenikgebirges. (Bull. de la soc. Hongr. d. géogr. 1891. No. 8.) 8°. 4 pp.
- —, Flora von Oesterreich-Ungarn. III. West-, Nord- und Mittel-Ungarn. [Fortsetzung und Schluss.] (Oesterreichische botanische Zeitschrift. 1892. No. 8. p. 286—289.)
- Bondier et Camus, G.**, Liste de plantes recueillies dans la vallée du Sauseron [Seine-et-Oise]. (Bulletin de la Société Botanique de France. Série II. Tome XIV. 1892. p. 79.)
- Brandege, Katharine**, Additions to the catalogue of San Francisco plants. (Zoë. III. 1892. p. 49—50.)
- Britten, James**, *Dianthus caesius*. (Journal of Botany. Vol. XXX. 1892. No. 356. p. 246.)
- Britton, N. L.**, American species of the genus *Anemone* and the genera which have been referred to it. (Annals New-York Acad. of Sci. VI. 1892. p. 215—238. Contrib. Herb. Col. Coll. No. 23.)
- —, List of species of the genera *Scirpus* and *Rynchospora* occurring in North America. (Transactions of the New-York Acad. of Sciences. XI. 1892. p. 74—93. Contrib. Herb. Col. Coll. No. 26.)
- Jeanpert, Ed.**, Localités nouvelles de plantes des environs de Paris. (Bulletin de la Société Botanique de France. Série II. Tome XIV. 1892. p. 88.)
- Mueller, Baron von**, Descriptions of New Australian plants, with occasional other annotations. [Continued.] (Extra-print from the Victorian Naturalist. 1892. June-July.)

Endliandra exostemonca.

Branchlets and petioles thinly brown-tomentose; leaves of chartaceous substance, mostly ovate-lanceolar, somewhat acuminate, shining on both sides, slightly paler green beneath and there the costulation prominent and tomentellous, the venulation conspicuous and closely reticular, the leaves except their keel and costules almost glabrous; panicles axillary and terminal, usually much shorter than the leaves, pedicels very thin and as particularly also the peduncles beset with brown appressed hairlets; flowers very small, their calyx nearly glabrous, its lobes semi-ovate,

somewhat longer than the petals; stamens glabrous, with two lanceolar appendages at the base, their upper portion exerted; style rather conspicuous, as well as the ovulary glabrous; fruit large, globular.

At the Daintree-River; Theod. Pentske.

Leaves on rather short petioles, to 5 inches long, to $1\frac{3}{4}$ inches broad. Flowers in the panicle often multitudinous. Calyx and petals brownish, paler towards the margin. Stigma minute. Fruit not yet obtained. The aspect of this species is different to that of any other congener, the extension of the stamens beyond the calyx being also unusual. The plant will have its place in the phytographic system near *E. vivens*, from which it recedes in its far more copious vestiture of the branchlets, in broader leaves with a somewhat different venulation, in thinner pedicels, in calyces of less turgidity and in emerging stamens; most probably the fruit will turn out to be also not identical.

Polyosma reducta.

Branchlets and petioles bearing minute appressed hairlets; leaves rather small, chartaceous, mostly lanceolar, gradually acuminate, devoid of denticulation and lustre, above almost glabrous, beneath paler and subtle appressed-puberulous, their venulation much concealed; racemes terminal and oftener axillary; pedicels very thin; bract and bracteoles minute, at the upper end of the pedicel; denticles of the calyx very short; fruit comparatively small, ovate-globular, slightly oblique, destitute of longitudinal lineations, its summit emerging from the calyx and somewhat pyramidal; seeds one or two.

Sources of the Russell-River; W. Sayer.

A tree, attaining a height of 25 feet. Leaves $1\frac{1}{3}$ — $2\frac{1}{2}$ inches long, rather brittle, almost suddenly passing into the slender but very conspicuous petiole. Flowers unknown. Fruits about $\frac{1}{8}$ inch long, on pedicels of nearly the same length; endocarp thinly cartilagineous, the spurious dissepiment longitudinally divisible into halves. Seeds, if two, only on one side turgid. Albument oily, somewhat granular. Embryo minute, roundish.

So far as our material reaches, the generic position is indisputable. The smallness of the leaves and particularly of the fruits as well as the externally obliterated venulation of the leaves separate already this species from its several congeners.

Randia spinuligera.

Nearly glabrous; leaves chartaceous, almost sessile, from a roundish base lanceolar, at the upper end narrowly protracted, but the apex bluntish, paler beneath, thinly venulated; stipules broad-linear, acute, dilated at the base, soon wearing away; cymes much shorter than the leaves, usually developing one flower only; peduncles occasionally converted into short acicular spinules; flowers rather small; calyx minutely but acutely five-denticulated, somewhat beset with appressed hairlets; corolla glabrous, its lobes five, nearly as long as the cylindric tube, narrow-lanceolar, conspicuously reticular-venulated; filaments very short; anthers fixed about their middle, linear, slightly exerted, by about one-third shorter than the corolla-tube; style glabrous, almost capillary; stigmas disconnected, oval; fruit comparatively small, ovate-ellipsoid, wrinkled; seeds two or even one only ripening in each half of the fruit, ovate, convex on one side.

On Mount Bartle Frere: Stephen Johnson.

Leaves to 4 inches long to $1\frac{1}{2}$ broad, without any lustre in their dried state; peduncles seldom above half an inch in length, spinules often less long; pedicels always short; calyx $\frac{1}{6}$ to $\frac{1}{4}$ inch long, its limb persistent; corolla-tube narrower down-ward, about $\frac{1}{2}$ inch in length, and so the style; stigmas hardly $\frac{1}{12}$ inch long; fruit $\frac{1}{2}$ to $\frac{2}{3}$ inch long, but not seen in its perfect maturity; seeds $\frac{1}{5}$ to $\frac{1}{4}$ inch long.

Distinguished from *R. tetrasperma* in larger leaves, not gradually narrowed into the base, in extension of the calyx beyond the ovulary, in longer corolla, in enclosed anthers and larger not globular fruit. Differs from *R. Moorei* already in longer upwards more narrowed leaves, more

slender and more elongated calyx-tube; narrower, thinner, more pointed and conspicuously venulated corolla-lobes, in longer anthers; the fruit of *R. Moorei* may also be different, but the stigmas are likewise severed. Also allied to *R. patula*.

The dissepiment of the ovulary or fruit could not be traced from the specimen available; should it not pass through the whole width of the cavity, then it will become necessary to transfer this plant to *Gardenia*. In some respects it reminds of *Coffea Bengalensis*, the stigmas of which are elliptic also.

Prasophyllum Dixoni.

Comparatively dwarf, leafless at the time of flowering, except a rudimentary leaf close to the spike; tuber roundish, somewhat compressed; flowers in the spike few, very small, closely together, pale yellowish-green, recurved; bracts almost semi-lanceolar, acuminate, somewhat shorter than the calyx-tube; unpaired calyx-lobe ovate-lanceolar, concave, as long as the paired petals and hardly by about one-third shorter than the labellum and paired calyx-lobes, the latter lanceolar, connate near their broadish rather bulging bases; paired petals ovate-lanceolar, finely shorth-pointed; labellum suddenly short- and broad-stipitate, ovate-cuneate, hardly apiculate, fringeless though imperfectly and faintly ciliolar-denticulated toward the summit and there somewhat redged, towards the base slightly two-ridged; lobes of the gynostemium very short, glabrous bifid; fruit obliquely cylindric-ellipsoid.

Near Kardinia-Creek; Ch. French jun. and J. E. Dixon.

As yet only two specimens found, and so far as this material allows to judge not really indentifiable with any described species. According however to figures in Mr. Robt. Fitzgerald's splendid work on „Australian Orchids," the plant just now discovered here as one of our earliest flowering in the season, differs from *P. viride* in the stem being more slender, the paired calyx-lobes less bulging, in the labellum rather truncate than distinctly bilobed at the base, the stipes shorter, also in throughout greenish colour of all floral parts; in this latter respect the new Victorian plant is still more unlike *P. ansatum*, although as regards floral structure it is evidently a near ally; but the apex of the paired calyx-lobes and petals is devoid of a glandule, whilst the labellum is not callously thickened towards the summit, but towards the base, nor is it glandular enlarged at the edge near the middle. Our plant flowers in April and May, so that at such time it may easily elude detection.

May, 1892.

Palaeontologie:

Blytt, Axel, Ueber zwei Kalktuffbildungen in Gudbrandsdalen (Norwegeu), mit Bemerkungen über die postglaciale Geologie unserer Gebirgsthäler. (Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie. Herausgegeben von A. Engler. Band XVI. 1892. Heft 2. Beiblatt No. 36. p. 1—41.)

Hollick, Arthur, Palaeontology of the cretaceous formation on Staten Island. (Trans. New-York Acad. of Sci. XI. 1892. p. 96—104, 3 plates. Contrib. Geol. Depart. Col. Coll. No. 2.)

Teratologie und Pflanzenkrankheiten:

Conrath, Paul, *Viscum* auf Eichen. (Oesterreichische botanische Zeitschrift. 1892. No. 8. p. 273—274.)

Costantin e Dufour, Recherches sur la destruction du Champignon parasite produisant la molle, maladie du Champignon de couche. (Bulletin de la Société Botanique de France. Série II. Tome XIV. 1892. p. 143.)

Duchartre, P., Note sur une monstruosité du *Physostegia virginiana* Benth. (l. c. p. 120.)

Eyleshymex, Club-Root in the United States. Extrait par **R. Ferry**. (Revue Mycologique. 1892. No. 55. p. 101—102.)

Farmer, J. B., Abnormal flowers in *Oncidium splendidum*. (Annals of Botany. 1892. July.)

- Guinier**, Fraasier à fleur roses. [Fin.] (Bulletin de la Société Botanique de France. Série II. Tome XIV. 1892. p. 65.)
- Hartig, R.**, Septogloeum Hartigianum Sacc. n. sp. Ein neuer Parasit des Feldahorns. Mit 2 Tafeln. (Forstlich-naturwissenschaftliche Zeitschrift. Jahrg. I. 1892. p. 269.)
- —, Rhizina undulata Fr. Der Wurzelschwamm. Mit 10 Holzschnitten. (I. c. p. 291.)
- Esser, P.**, Die Bekämpfung parasitischer Pflanzenkrankheiten. (Aus Sammlung gemeinverständlicher wissenschaftlicher Vorträge. Herausgegeben von. Rnd. Virchow und W. Wattenbach. Neue Folge. 1892. Heft 151.) 8^o. 32 pp. Hamburg (Verlags-Anstalt und Druckerei Actien-Gesellschaft, vorm. J. F. Richter) 1892. M. —.60.
- Mayer, P.**, Zur Kenntniss von Coccis Cacti. Mit Tafel. (Mittheilungen aus der zoologischen Station zu Neapel. Bd. X. 1892. Heft. 3.)
- Mer, Émile**, Influence des décortications annulaires sur la végétation des arbres. (Bulletin de la Société Botanique de France. Série II. Tome XIV. 1892. p. 107.)
- Morgenthaler, J.**, Die Feinde der Kartoffel und ihre Bekämpfung. gr. 8^o. 82 pp. mit 23 Illustrationen. Aran (J. J. Christen, E. Wirz) 1892. M. 1.50.
- Pauly, A.**, Borkenkäferstudien. II. Mit 4 Abbildungen im Texte. (Forstlich-naturwissenschaftliche Zeitschrift. Jahrg. I. 1892. p. 316.)
- Some fungous diseases of the Celery. (New Jersey Ex. Sta. Bull. 1892. April.)
- Pirotta, R.**, Tre casi teratologici. (Bullettino della Società Botanica Italiana. 1892. No. 6. p. 303—304.)
- Prillieux**, La maladie du peuplier pyramidal [Didymosphaeria populina, Vuillemin.]. (Revue Mycologique. 1892. No. 55. p. 89.)
- —, Observations sur le „Napicladium Tremulae“, forme conidienne du „Didymosphaeria populina. (I. c. p. 89—90.)
- Schelle, E.**, Monströse Buchenblätter. (Botanische Zeitung. 1892. No. 29. p. 476—478.)
- Tschirch, A.**, Ueber die Sereh-Krankheit des Zuckerrohrs. (Mittheilungen der naturforschenden Gesellschaft in Bern aus dem Jahre 1891. No. 1265—1278. 1892. Sitzungsberichte. p. 6.)
- Tubeuf, von**, Hexenbesen von Pinus montana Mill. Mit Tafel. (Forstlich-naturwissenschaftliche Zeitschrift. Jahrg. I. 1892. p. 327.)
- Villon, V.**, Le Cryptophage. Traitement curatif des maladies cryptogamiques de la vigne et autres végétaux. 8^o. 31 pp. Cavaillon (impr. Mistral), Carpentras (l'auteur) 1892.
- Vuillemin, Paul**, Sur les parasites du Peuplier pyramidal. (Revue Mycologique. 1892. No. 55. p. 90—91.)

Medicinish-pharmaceutische Botanik:

- Apostoli, M. N.**, and **Laguerrière**, Influence of the continuous current on microbes, particularly on charbon bacteria. (Bacteriol. World. 1891/92. p. 41, 77, 119.)
- Arloing**, De l'influence des produits de culture du staphylocoque doré sur le système nerveux vaso-dilatateur et sur la formation du pus. (Journ. de méd. vétér. et zootechn. 1891. p. 619—622.)
- Banti, G.**, Sopra alcune localizzazioni extrapulmonari, del diplococco lanceolato capsulato. (Arch. di anat. norm. e patol. 1889/90. p. 71—128.)
- Billings, F. S.**, A consideration of actinomycosis, as to its nature and relation to the public health. (Times and Register. 1892. No. 19. p. 484—487.)
- Fawitzki, A. P.**, Ueber Einwirkung des Mikroproteins und einiger Stoffwechselproducte der Bakterien auf den thierischen Organismus. (Wratsch. 1892. No. 11, 13, 15, 16, 20. p. 256—258, 314—315, 372, 399, 500—502.) [Russisch.]
- Kaufmann, P.**, Identification of tubercle bacilli in sputum by a new and simplified process. (Lancet. 1892. No. 21. p. 1156.)
- Massen, V. N.**, Einige experimentelle Beobachtungen über Tuberculin. (Trudi obsl. russk. wratsch. v St. Peterbourg. 1891. p. 16—19.) [Russisch.]
- Murphy, J. B.**, Actinomycosis hominis with report of five cases. (Chicago med. Record. 1891/92. Vol. II. p. 485—499.)

- Sawada, K.**, Plants employed in medicine in Japanese Pharmacopoea. [Continued.] (The Botanical Magazine. Vol. VI. Tokyo 1892. No. 64. p. 217—220.) [Japanisch.]
- Tuller**, Des suppurations rénales consécutives aux affections pleuro-pulmonaires, abcès périnéphrétique à pneumocoques. (Comptes rendus de la Société de biologie. 1892. No. 17. p. 391—394.)
- Turjanski, V. A.**, Ueber Behandlung der Lungentuberculose mittelst subkutaner Injektion frischer animaler Lymphe. (Meditsina. 1891. p. 453—455.) [Russisch.]

Technische, Forst-, ökonomische und gärtnerische Botanik:

- Kulisch, P.**, Beiträge zur Kenntniss der chemischen Zusammensetzung der Aepfel und Birnen mit besonderer Berücksichtigung ihrer Verwendung zur Obstweinstreitung. (Landwirtschaftliche Jahrbücher. Herausgegeben von Thiel. Bd. XXI. 1892. Heft 3/4.)
- Lee, J. B.**, On Indigo manufacture: a practical and theoretical guide to the production of the dye. With numerous illustrative experiments. 8°. 136 pp. London (Thacker) 1892. 7 sh. 6 d.
- Nagy, L. von**, *Koeleria paniculata* Laxm. Mit Abbildung. (Gartenflora. 1892. Heft 13. p. 347—350.)
- Rimpau, W.**, Die genetische Entwicklung der verschiedenen Formen unserer Saatgerste. (Landwirtschaftliche Jahrbücher. Herausgegeben von Thiel. Bd. XXI. 1892. Heft 3—4.)
- Robert, Jean**, La culture rationnelle de la pomme de terre. Sommaire: M. Aimé Girard; la pomme de terre à grands rendements; dix ans d'expériences; curieux résultat de la dernière campagne; récolte de 35 000 kilogrammes à l'hectare; bénéfice net de 300 francs; la nouvelle méthode. (Extrait du Bulletin agricole.) 8°. à 2 col. 8 pp. Vitry (impr. Pessez et Cie.) 1892. 20 Cent.
- Roy-Chevrier, J.**, La question des levures de vins cultivées, étudiée au triple point de vue historique, scientifique et pratique. 8°. 62 pp. Montpellier (impr. Serre et Ricôme, libr. Coulet), Paris (libr. G. Masson) 1892. Fr. 1.25.
- Siber**, *Cabomba aquatica* Aubl. (*Villarsia aquatica* Willd.) Mit 1 Abbildung. (Gartenflora. 1892. Heft 13. p. 350—352.)
- Späth, L.**, *Acer rubrum* L. var. Drummondii Sargent. Drummonds rothblühender Ahorn. Mit Tafel. (l. c. p. 337.)
- Sutton, A. G.**, Favourite flowers. How to grow them. 11. edit. 8°. 152 pp. London (Routledge) 1892.
- Viard, Emile**, Traité général de la vigne et des vins. Etude complète, au point de vue théorique et pratique, de la vigne, de la vinification, des vins, des résidus de la vigne et des vins, de l'analyse des vins et des falsifications, méthodes de recherches et d'analyses précises et douteuses, description de tous les appareils employés, avec 120 fig. dans le texte. Nouvelle édition du traité général des vins et de leurs falsifications, entièrement refondue et considérablement augmentée. 2e mille. 8°. 1233 pp. Nantes (impr. Schwob et fils), Paris (libr. J. Dujardin) 1892. Fr. 15.—
- Witte, H.**, *Aechmea Barleei* Baker. Mit Abbildung. (Gartenflora. 1892. Heft 13. p. 359—363.)
- Wittmack, L. und Kirchhoff, C. E.**, *Pitcairnia floccosa*. Rgl. Flockige Pitcairnie (Bromeliaceae). Mit Abbildung. (l. c. p. 352—355.)
- Wortmann, J.**, Ueber die sogenannten Stippen der Aepfel. (Landwirtschaftliche Jahrbücher. Herausgegeben von Thiel. Bd. XXI. 1892. Heft 3/4.)

Personalnachrichten.

Dem ordentlichen Professor in der philosophischen Facultät zu Halle a. S., Geh. Regierungsrath Dr. **Jul. Kühn**, ist der Charakter als Geh. Ober-Regierungsrath verliehen.