

Neue Litteratur.*)

Geschichte der Botanik:

Fliche, Etude sur D. A. Godron, sa vie et ses travaux. (Extrait des Mémoires de l'Académie de Stanislas 1886.) 8°. 87 pp. Nancy 1887.

Kryptogamen im Allgemeinen:

Steinhaus, Julius, Materialien zur Kryptogamen-Flora von Polen. Heft 1. Laub-, Lebermoose und Flechten der Umgebung von Warschau und Ojcow. (Sep.-Abdr. aus Warschauer Universitäts-Nachrichten. 1887.)

Algen:

Scott, Dukinfield H., On nuclei in Oscillaria and Tolypothrix. (Extr. from the Linnean Society's Journal. Botany. Vol. XXIV. 1887. p. 188—192. With plate.)

Pilze:

Quélet, L., Quelques espèces critiques ou nouvelles de la flore mycologique de France. (Association française pour l'avancement des sciences. 1886.) 8°. 8 pp. Nancy (Impr. Berger-Levrault & Cie.) 1887.

Physiologie, Biologie, Anatomie und Morphologie:

Brenstein, G., Einwirkung einer concentrirten Aetheratmosphäre auf das Leben von Pflanzen. (Archiv der Pharmacie. 1887. No. 20.)

Clos, D., Une lacune dans l'histoire de la sexualité végétale. (Extrait des Mémoires de l'Académie des sciences, inscriptions et belles-lettres de Toulouse. T. IX. 1887.) 8°. 23 pp. Toulouse 1887.

Krasser, Fridolin, Zerklüftetes Xylem bei Clematis Vitalba L. (Verhandlungen der k. k. zoologisch-botanischen Gesellschaft in Wien. 1887. p. 795.)

Nilsson, Alb., Studier öfver stammen såsom assimilerande organ. (Aftryck ur Göteborgs Kongl. Vetenskaps och Vitterhets Samhälles Handlingar. Ny tidsföljd. Hft. XXII.) 8°. 133 pp. 2 Tfn. Göteborg 1887. [Schwedisch.]

Vuillemin, P., Les unités morphologiques en botanique. (Association française pour l'avancement des sciences. 1886.) 8°. 14 pp. Nancy (Impr. Berger-Levrault & Cie.) 1887.

Systematik und Pflanzengeographie:

Bonnier, Gaston, Les plantes des champs et des bois; excursions botaniques: printemps, été, automne, hiver. Avec 873 fig. par Bergeron-Hérincq etc. et 30 planches. 8°. VII, 568 pp. Paris (Baillière et fils) 1887.

Gandoger, Michael, Flora Europae terrarumque adjacentium, sive enumeratio plantarum per Europam atque totam regionem mediterraneam cum insulis Atlanticis sponte crescentium novo fundamento instauranda. Tom. XIII: Compositae corymbiferae. 8°. 507 pp. Paris (Savy) 1887.

*) Der ergebenst Unterzeichnete bittet dringend die Herren Autoren um gefällige Uebersendung von Separat-Abdrücken oder wenigstens um Angabe der Titel ihrer neuen Publicationen, damit in der „Neuen Litteratur“ möglichste 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 No. 7.

Kerner, Anton, Ritter von, Floren-Karte von Oesterreich-Ungarn. (No. 14 aus dem Physikalisch-statistischen Handatlas von Oesterreich-Ungarn.) Wien (E. Hölzel) 1887. M. 3.—

Mueller, Ferd., Baron v., Description of an hitherto unrecorded *Rhododendron* from New Guinea. (Extra-print from Victorian Naturalist. Nov. 1887.)

Rhododendron Carringtoniae.

Tall; leaves moderately large, very firm, almost sessile, mostly in whorls of few, usually obovate, slightly recurved at the margin, dotted particularly on the under-page with minute scalelets, otherwise glabrous; their carinular venule very prominent, the secondary venules somewhat costular and anastomosing with the likewise elevated tertiary venules; flowers few together terminally on short stalklets; bracts clasping, roundish, glabrous, dorsally somewhat beset with minute scalelets, very much shorter than the inflorescence; calyx reduced to an oblique very narrow almost entire membrane; corolla comparatively long, white, outside dotted with scattered scalelets, otherwise glabrous, inside towards the middle and base copiously beset with short hairlets; its tube very slender, almost cylindrical, somewhat curved; its lobes five, from obovate to orbicular and slightly cuneate, several times shorter than the tube; stamens ten, partly attaining the length of the corolla; filaments much beset with minute hairlets; anthers linear-cylindrical, slightly clavate, minutely bidenticulated; style long, towards the middle and base as well as the whole ovary invested with somewhat spreading hairlets; stigma short- and blunt-lobed, surrounded by a narrow cover; disk densely ciliolated around the summit; fruit rather long, much attenuated into the base, narrowly ellipsoid-cylindrical, but pointed, bluntly five-angular, clothed with copious scalelets and also short hairlets; appendages at the extremities of the seeds very narrow.

On almost inaccessible declivities of Mount Obree, at elevations from about 6000 to 7000 feet; Cuthbertson and Sayer.

Height of the plant to about 10 feet. Leaves attaining a length of 3 inches, but often shorter. Tube of the corolla to 2½ inches long, but only about ⅓ inch broad; lobes measuring ⅓—½ inch in length. Style gaining fully 2 inches in length. Fruit about 1½ inches long, slender.

This quite recently discovered member of a noble genus of plants is dedicated to Lady Carrington in also phyto-graphic appreciation of the interest, evinced by her Ladyship in the floriculture of the colony, over which the Right Honourable Lord Carrington at present exercises vice-regal administration.

Among Papuan species this new one differs from *R. Arfakianum* in leaves less attenuated towards the base, shorter petioles, flowers fewer together on very short pedicels, calyces not denticulated, corolla of greater length and white colour, proportionately much shorter corolla-lobes, narrower anthers and not almost glabrous style. From *R. Hata-mense*, it is easily distinguished by the much more prominent venation of the leaves, the whiteness of the corolla, longer corolla-tube, cylindric anthers and not glabrous disk.

Among other congeners the species now recorded approaches as regards the proportionately great length of the corolla-tube to *R. longiflorum*, which species however has a red corolla, anthers of different shape and a much shorter style. Mr. Sayer brought from Mount Obree another *Rhododendron*, occurring at an elevation of about 7000 feet; this plant resembles in disposition as well as form and texture of its leaves the species just described; but its calyx produces two denticles, the corolla is red and has a much shorter tube, the anthers are broader and of less length, the ovary is not attenuated towards the base, beset with scalelets only and as well as the style much shorter, while the disk is glabrous; this *Rhododendron* is closely allied to *R. Lochae*, from which it is mainly separated (unless also by its as

yet unknown fruits) by shorter petioles, leaves blunt at the base, shorter and proportionately broader bracts, only slightly dotted and somewhat smaller corolla, the lobes of the latter particularly being of less size; from *R. Malayanum* it is chiefly distinguished by leaves blunt at both ends with more prominent and closer venules, somewhat larger flowers on longer pedicels with a more lobed calyx.

Notes.

A rare minute aquatic plant, *Wolffia Micheli* (Schleiden), has been found near Melbourne by Master G. French for the first time in the southern part of the colony, its only Victorian habitat previously known being lagoons near Mount Elephant. It grows also here, as in Europe, amongst *Lemna minor*, but is a still smaller plant, without any root, but bulges downward, and its anthers are only one-celled. Baron von Mueller, who examined and determined it, attaches great importance to this find.

Phänologie:

Van Campenhout, Pierre, Calendrier floral. Été, plantes les plus communes de la Belgique centrale, familles, caractères des familles, propriétés. Une feuille in plano. Namur (Wesmael-Charlier) 1887. 20 cent.

Paläontologie:

Grad, Charles, Les forêts pétrifiées de l'Égypte. 8°. 9 pp. Nancy et Paris 1887.

Rivière, E., De quelques bois fossiles trouvés dans les terrains quaternaires du bassin parisien. (Association française pour l'avancement des sciences. 1886.) 8°. 3 pp. avec fig. Nancy (Impr. Berger-Levrault & Cie.) 1887.

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Radziwillowicz, R., Ueber Nachweis und Wirkung des Cytisins. 8°. 77 pp. Dorpat (Karow) 1887. M. 1,20.

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Siredey, Rapport sur le concours pour le prix Daudet en 1887 [Actinomycose]. (Bulletin de l'Académie de médecine. 1887. No. 44. p. 555—557.)

Smith, T., Spirillum, Finkler and Prior, in hepatized lung-tissue. (Medical News. 1887. Vol. II. No. 19. p. 536—538.)

Tommasi-Crudeli, Die Ursache der Malaria. (Deutsche medicinische Wochenschrift. 1887. No. 46. p. 993—994.)

Trudeau, E. L., Ueber den Einfluss der äusseren Umgebung (Environment) auf die Entwicklung bacillärer Phthise. Uebersetzt von **P. H. Kretzschmar**. (New York medical Presse. 1887. Bd. II. No. 4. p. 129—134.)

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White, A., The contagiousness of prurigo. (Med. Age. 1887. No. 20. p. 460—461.)

Wille, V., Ueber Endocarditis blennorrhoea. (Münchener med. Wochenschrift. 1887. No. 37. p. 713—714.)

Technische und Handelsbotanik:

Wiesner, J., Die mikroskopische Untersuchung des Papiers, mit besonderer Berücksichtigung der ältesten orientalischen und europäischen Papiere. (Sep.-Abdr.) 4^o. III, 82 pp. mit Fig. Wien (K. k. Hof- und Staatsdruckerei) 1887. M. 6.—

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Freyhold, Edm. von, Ueber rationelle und praktische Systematik der Gemüsearten. (Illustrierte Monatshefte für die Gesamt-Interessen des Gartenbaues. 1887. p. 363.)

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Botaniska Sällskapet i Stockholm.

Sitzung am 4. Mai 1887.

1. Herr **S. Almqvist** sprach:

Ueber die Affinitäten in der choripetalen Abtheilung der Dikotylen.

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