

(also rachis to tip), brownish below, pale-straw colour above, hairy; hairs red-brown, shining, copious, short (also on rachis and subrachises, and midrib below), 1in. long, and straight at base. Frond broadly ovate-lanceolate, 22in.—23in. long, 13in. broad at middle, tip acuminate, bipinnate, subcoriaceous, slightly harsh, glabrous, dull-darkish-green above, paler below. Pinnæ oblong-acuminate, broadest at base, gradually decreasing to tip, 6in.—6½in. long, 1in.—1½in. broad, alternate, distant, petiolate, horizontal, spreading; tips narrow, much acuminate; the ultimate lobes long, serrate, acute; lowest pinnæ deflexed. Pinnules sublinear-oblong, acute, ¾in. long, ¼in. wide, 20–23-jugate, alternate, petiolate, rather distant, falcate, deeply (6–7) lobed or subpinnatifid; lobes nearly as broad as long, somewhat square, each lobe coarsely and sharply serrate, with 4–6 teeth, slightly recurved; midrib stout prominent, whitish above, wavy, free. Veins numerous, pinnate in each lobe, free, reaching to margin.

*Hab.* Dense forests south-west from Dannevirke; 1896:  
W. C.

*Obs.* It is wholly against my practice and mind to describe a barren and unknown fern; but this is a very striking and peculiar one. Unfortunately I have not yet succeeded in obtaining it in fruit, but hope to do so on my next visit to these woods this summer. In general appearance it resembles no New Zealand fern known to me, therefore I cannot venture to place it under any of our known genera. It may, however, prove to be a species of *Polystichum* (including *Lastrea*), or a *Dicksonia*, though unlike our known species of those genera.

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ART. XXXV.—*Supplement to List of Flowering-plants indigenous to Otago.*

By D. PETRIE, M.A., F.L.S.

[*Read before the Auckland Institute, 3rd August, 1896.*]

THROUGH the kindness of various correspondents my attention has been drawn to a number of accidental omissions from the list of flowering-plants indigenous to Otago which was published in vol. xxviii. of the "Transactions of the New Zealand Institute." I now submit a list of the species omitted, together with corrections of two errors in the identification of species:—

- DROSEREA PYGMÆA, DC.—Bluff Hill; collected by T. Kirk and B. C. Aston.
- COROKIA COTONEASTER, Raoul.—Not uncommon in the E., S., and C. Dunedin; Otepopo; Kaitangata and up Clutha Valley to head of lakes; Tapanui; Te Anau; Bluff.
- TEUCRIDIVM PARVIFOLIUM, Hook. f.—Near Oamaru; Otepopo; Bendigo and Queensberry (in gullies); Balclutha. A rare and local plant.
- LEMNA MINOR, L.—Common in still, fresh waters.
- TRIGLOCHIN TRIANDRUM, Michaux.—Common in wet grounds near the sea.
- TRIGLOCHIN PALUSTRE, L.—Near Black's, in a small boggy spot.
- POTAMOGETON POLYGONIFOLIUS, Pourr.—Catlin's; Waipahi.
- POTAMOGETON PECTINATUS, L.—Lake Waihola, and still waters of Taieri Plain.
- POTAMOGETON OCHREATUS, Raoul.—Waipahi River.
- POTAMOGETON CHEESEMANII, Bennett.—Common in most parts of the district.
- CORDYLINA INDIVISA, Hook. f.—Mr. H. J. Matthews informs me that this is plentiful at Dusky Sound.
- UTRICULARIA MONANTHOS, Hook. f., should appear instead of *U. colensoi* on page 571;\* and
- EPILOBIUM ELEGANS, sp. nov., instead of *E. gracilipes*, T. Kirk, on page 551. My thanks are due to Mr. Kirk for a specimen of his *E. gracilipes*, which has enabled me to detect my mistake in identifying my plant with his.

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ART. XXXVI.—*Note on Gunnera ovata, Petrie.*

By D. PETRIE, M.A., F.L.S.

[*Read before the Auckland Institute, 7th September, 1896.*]

IN volume xxvii. of the "Transactions of the New Zealand Institute" (pp. 344, *et seq.*), Mr. T. Kirk, F.L.S., refers my *Gunnera ovata* to *Gunnera flavida*, Colenso, and separates from the former what he takes to be a distinct species, and describes under the name *G. mixta*. I am unable to accept Mr. Kirk's view that my *G. ovata* is identical with Colenso's *G. flavida*. The latter plant is described by the author of the species as having "fleshy drupes," a character that is quite

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\* Trans. N.Z. Inst., vol. xxviii.