

EXPLANATION OF PLATES XXX.—XXXIII.

PLATE XXX.

1. *Carmichaelia enysii*, natural size.
2. Branchlets with pods.
3. Dehiscing pod, back view.
- 4 The same, front view. All enlarged.

PLATE XXXI.

1. *C. uniflora*, T. Kirk, nat. size.
2. Flowers.
3. Ovary enlarged.

PLATE XXXII.

1. *C. williamsii*, T. Kirk.
2. " with immature pods.
3. " with pod further advanced.

PLATE XXXIII.

1. *C. kirki*, natural size.
2. " fruit natural size.
3. Flower enlarged.
4. Ovary "
5. Wing "

ART. XXXVII.—*Description of a new Roseaceous Plant.* By R. BROWN.
Communicated by Professor F. W. Hutton.

[Read before the Philosophical Institute of Canterbury, 3rd May, 1883]

Acæna huttoni.

GROWING from a stout woody perennial rootstock. Leaves impari-pinnate ; radical 5–8 inches long ; petioles long, slender, triquetrous, woolly ; stipules adnate, small, subulate, decurrent, expanding into a membranous, clasping base ; leaflets spirate, or alternate, 11–17, enlarging upwards, the lower sub-rotund, the upper oval or obovate, all sub-plicate, incised, or inciso-dentate, midrib woolly on the under side, veinlets with a few hairs, the upper surface smooth. Peduncles erect, or inclined, sometimes decumbent, angular, woolly, leafy to near the apex ; upper leaves becoming sessile and exstipulate, from 9–18 inches high ; heads sub-globular, florets sessile with a small scarious bract at the base of each, fimbriated on the margin ; bracteola two, sub-rotund, very concave, scarious, fimbriated on the margin, attached near the base of the calyx-tube on spirate angles, and in a young state wholly enclosing the flower. Calyx-tube elliptic in outline, 4-angled, the angles produced into wings, each face deeply wrinkled ; calyx-lobes four. Corolla either absent or very fugacious. Stamens 2–8, immersed ; anthers oval, dehiscence introrse, filaments short, slender. Pistil—style erect, short ; stigma dilated at the apex and fimbriated. Achenes two, plano-convex with an oblique ovoid outline, pale and long.

Collected on the Canterbury Plains, near the River Ashburton, in December, 1882.



CARMICHAELIA KIRKII, Hook.f.

L.M.Kirk, del.