

1. Plants strongly flattened; leaves distichous or 3-ranked.....2
1. Plants rounded; leaves neither distichous nor 3-ranked.....3
2. Peristome teeth present; leaves with a distinct sheathing base.....3. *Distichium*
2. Peristome teeth absent; leaves without a sheathing base.....11. *Tristichium*
3. Upper leaf cells quadrate or nearly so; capsules furrowed when dry.....4
3. Upper leaf cells rectangular; capsules smooth when dry.....5
4. Leaf margins reflexed or revolute, always unistratose; capsules deeply furrowed, strumose at base; plants yellowish green.....2. *Ceratodon*
4. Leaf margins plane, sometimes bistratose above; capsules not deeply furrowed and not strumose at base; plants yellowish green with bluish sheen.....9. *Saelania*
5. Setae very short; capsules immersed or emergent.....6
5. Setae elongate; capsules exserted.....9
6. Opercula not differentiated.....7. *Pleuridium*
6. Opercula differentiated.....7
7. Peristome teeth present; leaves lanceolate.....6. *Garckea*
7. Peristome teeth absent; leaves oval or ovate.....8
8. Leafy stems julaceous, glossy; leaf apices rounded or obtuse; calyptrae cucullate.....1. *Astomiospis*
8. Leafy stems not julaceous and lusterless; leaf apices broadly acute or apiculate; calyptrae mitrate.....8. *Pringleella*
9. Leaves distinctly sheathing at base, spreading and crispat when dry.....10. *Trichodon*
9. Leaves not particularly sheathing at base, appressed and erect when dry.....10
10. Peristome teeth absent.....4. *Ditrichopsis*
10. Peristome teeth present, normal.....5. *Ditrichum*