**Supp. file 1.** List of the species of Chelodesmidae Cook, 1895 reported from the Tropical Andes Biodiversity Hotspot. Species are arranged alphabetically by tribe and genus. The number of records reported from each country is provided parenthetically by species. See Table 1 for a summary of taxa of Chelodesmidae reported from the hotspot.

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| **Tribe** | **Species** | **Tropical Andes Distribution** |
| Batodesmini | *Alocodesmus gracilicornis* | Venezuela (1) |
|  | *Alocodesmus hanseni* | Venezuela (1) |
|  | *Alocodesmus intermedius* | Colombia (2) |
|  | *Batodesmus acceptus* | Colombia (1) |
|  | *Batodesmus alutaceus* | Colombia (1) |
|  | *Biporodesmus armatus* | Colombia (1)  |
|  | *Biporodesmus dentatus* | Ecuador (1) |
|  | *Biporodesmus olivaceus* | Peru (1) |
|  | *Biporodesmus planus* | Colombia (2) |
|  | *Biporodesmus pseudolivaceus* | Peru (1) |
|  | *Colombodesmus catharus* | Colombia (1) |
|  | *Colombodesmus lygrus* | Colombia (1) |
|  | *Cordilleronomus interrupticolor* | Ecuador (1) |
|  | *Cordilleronomus pulvillatus* | Ecuador (1) |
|  | *Cormodesmus hirrutellus* | Colombia (1) |
|  | *Heteropeltis luctuosus* | Colombia (1) |
|  | *Plusioporodesmus bellicosus* | Colombia (3) |
|  | *Tunochilus marcuzzii* | Venezuela (1) |
|  | *Tunochilus marginis* | Venezuela (1) |
|  |  |  |
| Chondrodesmini | *Alyssa kalobata* | Ecuador (1) |
|  | *Chondrodesmus armatus* | Ecuador (1) |
|  | *Chondrodesmus carbonarius* | Colombia (1) |
|  | *Chondrodesmus chloropus* | Colombia (1) |
|  | *Chondrodesmus convexus* | Colombia (2) |
|  | *Chondrodesmus dorsovittatus* | Colombia (1) |
|  | *Chondrodesmus plataleus plataleus* | Colombia (1) |
|  | *Chondrodesmus pustulosus* | Colombia (1) |
|  | *Chondrodesmus rugosior* | Colombia (1) |
|  | *Chondrodesmus tamocalanus* | Colombia (3) |
|  | *Chondrodesmus virgatus frater* | Colombia (1) |
|  | *Chondrodesmus voglii* | Venezuela (1) |
|  |  |  |
| Dibolostethini | *Dibolostethus inopinatus f***n. sp.** | Ecuador (1) |
|  | *Dibolostethus kattani* **n. sp.** | Colombia (3) |
|  |  |  |
| Leptodesmini | *Leptodesmus abancus* | Peru (2) |
|  | *Leptodesmus andinus* | Peru (2) |
|  | *Leptodesmus agustus* | Colombia (1) |
|  | *Leptodesmus bivittatus* | Peru (1) |
|  | *Leptodesmus bogotensis* | Colombia (1) |
|  | *Leptodesmus calugensis* | Peru (1) |
|  | *Leptodesmus flagellatus* | Venezuela (1) |
|  | *Leptodesmus incarnatus* | Ecuador (1) |
|  | *Leptodesmus levis* | Ecuador (1) |
|  | *Leptodesmus propinquus* | Venezuela (1) |
|  | *Leptodesmus ringueleti* | Argentina (1) |
|  | *Leptodesmus taulisensis* | Peru (1) |
|  | *Leptodesmus verruciporus* | Ecuador (1) |
|  |  |  |
| Lepturodesmini | *Camptomorpha aberrans* | Peru (1) |
|  | *Camptomorpha dorsalis* | Ecuador (1) |
|  | *Camptomorpha perproxima* | Ecuador (1) |
|  | *Eressea phana* | Venezuela (2) |
|  | *Lepturodesmus annulus* | Venezuela (1) |
|  | *Lepturodesmus decoratus* | Venezuela (1) |
|  | *Lepturodesmus meinerti* | Venezuela (4) |
|  | *Lepturodesmus vallecolens* | Venezuela (1) |
|  |  |  |
| Macrocoxodesmini | *Eucampesmella brunnea* | Peru (1) |
|  |  |  |
| Platinodesmini | *Platinodesmus argentineus* | Argentina (1) |
|  |  |  |
| Trachelodesmini | *Alassodesmus reductus* | Colombia (1) |
|  | *Diarcuaria schizocaudata* | Colombia (1) |
|  | *Hypodesmus broelemanni* | Venezuela (1) |
|  | *Hypodesmus constrictus* | Colombia (1) |
|  | *Phlyzakium attemsi* | Venezuela (1) |
|  | *Phlyzakium evolutum* | Venezuela (1) |
|  | *Trachelodesmus ancylophor* | Colombia (1) |
|  | *Trachelodesmus angulatus* | Colombia (1) |
|  | *Trachelodesmus arcticollis* | Venezuela (1) |
|  | *Trachellodesmus coronatus* | Venezuela (1) |
|  | *Trachelodesmus trachynotus* | Venezuela (1) |
|  |  |  |
| Trichomorphini | *Trichomorpha alticola* | Colombia (1) |
|  | *Trichomorpha angulella* | Colombia (1) |
|  | *Trichomorpha annulipes* | Colombia (1) |
|  | *Trichomorpha clivicola* | Colombia (1) |
|  | *Trichomorpha debilitata* | Colombia (1) |
|  | *Trichomorpha denticulata* | Colombia (1) |
|  | *Trichomorpha elegans* | Ecuador (1) |
|  | *Trichomorpha eusema* | Colombia (2) |
|  | *Trichomorpha eutyla* | Colombia (2) |
|  | *Trichomorpha gracilis* | Colombia (1) |
|  | *Trichomorpha hirsuta* | Colombia (1) |
|  | *Trichomorpha hoffmani* | Venezuela (1) |
|  | *Trichomorpha lamottei* | Venezuela (2) |
|  | *Trichomorpha mucronata* | Colombia (1) |
|  | *Trichomorpha nitida* | Colombia (1) |
|  | *Trichomorpha paurothrix* | Colombia (1) |
|  | *Trichomorpha pilosella* | Colombia (1) |
|  | *Trichomorpha propinqua* | Colombia (1) |
|  | *Trichomorpha reducta* | Colombia (1) |
|  | *Trichomorpha rugosella* | Colombia (1) |
|  | *Trichomorpha sculpta* | Colombia (1) |
|  | *Trichomorpha serridens* | Colombia (1) |
|  | *Trichomorpha setosior* | Colombia (1) |
|  | *Trichomorpha spinosa* | Venezuela (1) |
|  | *Trichomorpha tuberculosa* | Colombia (1) |
|  | *Trichomorpha virgata* | Colombia (2) |
|  |  |  |
| Not assigned to a tribe | *Arthromachus binghami* | Peru (1) |
|  | *Chondrodesmoides koepckei* | Peru (1) |
|  | *Desmoleptus celendinus* | Peru (1) |
|  | *Desmoleptus chusgonus* | Peru (2) |
|  | *Desmoleptus peruanus* | Peru (2) |
|  | *Guayapeltis witti* | Ecuador (1) |
|  | *Incodesmus urubambae* | Peru (1) |
|  | *Inconus oxapus* | Peru (2) |
|  | *Leiodesmus angustatus* | Bolívia (1) |
|  | *Leiodesmus major* | Argentina (1), Bolívia (1) |
|  | *Leiodesmus postillonus* | Argentina (1), Bolívia (1) |
|  | *Leiodesmus trifidus* | Bolívia (1) |
|  | *Leiodesmus yanasarae* | Peru (1) |
|  | *Odontopeltis proxima* | Argentina (2) |
|  | *Perudesmus nodosus* | Peru (2) |
|  | *Peruprion affine* | Peru (1) |
|  | *Peruprion azucarense* | Peru (2) |